



PRODUCT GUIDE



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Visual Performance Series

Cinema Series

SLS

Original Series

Outdoor Series

Commercial Series

Accessories

iPort

NEW DEALER PROGRAMS AND ONGOING SUPPORT PROGRAMS

As your business partner, Sonance® offers several programs to our new and continuing dealers for displaying, demonstrating and selling Sonance products. Please contact your Sonance Representative for further details.

ORDERING INFORMATION

Sonance continues to offer you the best in customer care and product selection. For your ordering convenience, you can order by phone, fax, email or SonalinQ. SonalinQ is our business-to-business extranet, and it is available 24 hours a day, 7 days a week. Through SonalinQ, you can place an order, check the status of an order, and look up product specifications and pricing when it is convenient for you.

SONALINQ®:	LOGIN.SONANCE.COM
ORDER BY PHONE:	(800) 582-0771
order by FAX:	(800) 538-5151
	(949) 361-5151
order by email:	orders@sonance.com
TECHNICAL QUESTIONS:	(800) 582-0772
GENERAL/ADMINISTRATION:	(800) 582-7777
	(949) 492-7777

SHIPPING

Sonance ensures your order will be shipped promptly. We offer a variety of shipping methods to meet your requirements. Please inquire at the time you place your order as to the best shipping method.

NOTES

Grilles: Metal or cloth grilles are available where noted.

Weather Resistance: Sonance weather-resistant models include:

Visual Performance® Extreme, Mariner, and Sonance Extreme. Weather-resistant speakers feature non-corroding screws, coated dustcaps, protected connectors, and aluminum grilles. They will tolerate occasional exposure to moisture. These speakers are not waterproof.

Painting: Speakers, grilles, and frames come in a matte white finish that can be painted.

Half-Pair Pricing: If a speaker has a standard unit of measure of a pair, a small premium of \$25.00 will be added when a pair is broken for the sale of a single speaker.

WARRANTY

Please contact Customer Care at (800) 582-0772 for complete warranty details for all products (i.e., warranty period, exclusions, additional limitations, obtaining authorized service, etc.).

Sonance and iPort warrant, to the first end-user purchaser, that our products, when purchased from an authorized Dealer/Distributor and installed by a Certified Installer, will be free from defective workmanship and materials. Sonance and iPort will, at its option and expense during the warranty period (warranty periods vary by product), either repair the defect or replace the product with a new or remanufactured product or a reasonable equivalent. All warranties are non-transferable.

To qualify for the warranty, you must (1) contact your authorized Sonance or iPort Dealer/Installer or call Customer Care at (800) 582-0772 within the warranty period,

(2) obtain a Return Materials Authorization (RMA) number, and (3) deliver the product to Sonance or iPort (shipping prepaid) during the warranty period, together with the original sales receipt, invoice, or other satisfactory proof of purchase.

MERCHANDISE RETURN

Prior to returning any merchandise for service, exchange, or credit, approval must be authorized by Sonance and an RMA number assigned. This number must appear on every shipping carton, or the shipment will be refused and returned to the customer. All returned products must match the authorized quantity and part numbers issued on the RMA. The customer is responsible for any discrepancies in quantity or product. Additional returned products not covered by the RMA will be returned to the customer or will be subject to a 25% restocking fee at Sonance's discretion. Product claimed "defective" that shows no defect will result in return to the customer or imposition of a 25% restocking fee at Sonance's option. No credit will be issued when the returned merchandise displays signs of misuse or abuse.

Please ensure all returns are packed in their original packaging. No credit will be issued for products returned in poor packaging that has resulted in shipping damage. Damaged product and poor packaging will be returned to the customer of origin. No repair will proceed if product is returned in poor packaging that has resulted in shipping damage. Any product returned for service will be repaired or replaced at Sonance's option consistent with Sonance's repair policy.

Any merchandise returned for credit is subject to a 25% restocking fee. This fee will be waived with a three to one offsetting order. Customer is responsible for shipping charges.

NOTE: Items returned which were not purchased from an authorized dealer will not be repaired or replaced. They will be returned "as is" to the sender freight collect.

NOTE: Discontinued items are not eligible for return but may still qualify for a warranty.

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INTERNET SELLING POLICY

Genuine Sonance products with factory warranties are sold in the United States only through a network of Sonance-authorized dealers and distributors. Authorized Sonance dealers and distributors have the knowledge and training to supply you with the Sonance products that best meet your needs, and to install those products so that you'll enjoy their maximum performance and Sonance factory warranties.

PLEASE know your seller! Sonance products purchased from unauthorized sources may be used, damaged, repaired, or altered and are NOT covered by Sonance warranties. Sonance factory warranties only apply to products purchased from authorized Sonance dealers and distributors. Sonance strongly recommends that you verify if the seller you're considering is an authorized Sonance dealer.

This is especially important when considering purchasing Sonance products over the Internet. Internet audio discount or liquidation companies are NOT authorized sellers of Sonance products, and the products they sell are NOT covered by Sonance factory warranties.

Sonance factory warranties do not apply:

- If you purchase a Sonance product from a seller who is not an authorized Sonance dealer or
- If you purchase a Sonance product with a serial number that has been removed, defaced or changed, or
- If you purchase a Sonance product from a seller who is not an authorized dealer:
- The Sonance warranty does not apply and we will not make any repairs to the product, and
- Sonance will not be able to help you if you have a problem with the seller regarding your purchase or service.

CONTINUOUS PRODUCT IMPROVEMENT

Sonance continues to design and redesign everything in order to deliver the best possible product. Products may become discontinued at anytime. Please ask your Customer Care agent if you have any questions about a particular product or product line.

INVENT. LEAD. REINVENT.

THE DANA INNOVATIONS STORY

In 1983, Sonance® invented the in-wall speaker, forever changing the relationship between audio and architecture.



DANA INNOVATIONS

In July of 1983, Scott Struthers and Geoff Spencer, friends from college, relocated to California to purchase Home Technology Systems — a custom audio installation company. Together they created “Dana Innovations” — “Dana” in honor of Scott’s father and “Innovations” to reflect their goal to be the best through innovation. The assets did not include much more than a van, a toolbox, miscellaneous stereo and television parts, speaker parts, and tooling. They paid about \$12,000.

Struthers and Spencer continued to work as a team to build up the Dana Innovations' installation business. In 1985, they developed the first residential in-wall speaker, the Sonance I. The Sonance I was a revolutionary design solution for integrating audio into the architecture of the home. Seeing a tremendous opportunity, they launched and marketed various in-wall speaker designs under the Sonance name. While working diligently to sign-up representatives throughout the U.S., they installed many systems for movie stars, architects, interior designers and the top general contractors. They were one of the only custom installation companies in the world with a focus on design-driven clientele.

With its introduction of the first in-wall speakers for the residential market, Sonance forever changed the way architects and interior designers integrate sound into the design of a room. In originating the idea of the in-wall speaker, suddenly the placement of speakers was limitless, with both the walls and ceilings becoming part of the blank canvas. With Sonance, speakers could be less obtrusive, but no less acoustically precise. Sonance speakers made sound an element of design — like light, form, and color.



Scott Struthers and Geoff Spencer
founded Sonance in 1983.

The power to see architecture and audio blending in new ways is what Sonance has always offered the design community and its clients. At the same time, Sonance has continued to innovate, leading the industry with solutions that designers, custom installers, and design-sensitive audiophiles recognize as truly breakthrough.

Building upon Sonance's success, Dana Innovations continues to be the innovative leader in integrated design technology. The launch of iPort, the world's first in-wall docking system for the Apple iPod in 2004, allowed users to share music by integrating the iPod into existing home technology. Furthering its position as a leader in integrated design technology, Dana Innovations created TRUFIG in 2009, a revolutionary flush-mount system that seamlessly integrates disparate devices and technologies in the home.

In addition to numerous awards Dana Innovations has received, founder Scott Struthers received the CEDIA Lifetime Achievement Award in 2002 for his innovations in the custom installation industry. In 2008, the Sonance I was inducted into the CEDIA Hall of Fame Award as the first residential in-wall speaker. Both these awards are a testament to the innovation and precedents set by Dana Innovations.

Dana Innovations has grown over the years into a group of brands that encompasses many channels in the custom installation market, including Sonance, iPort, and TRUFIG. All these brands share in erasing the line between form and function, providing architects and designers with solutions that transform speakers, wall fixtures, control panels, iPad and iPod docking systems into seamless extensions of custom designed spaces.

AWARD-WINNING DANA INNOVATIONS PRODUCTS

OUR WALL OF FAME

ASSOCIATION MEMBERSHIPS AND SPONSORSHIPS



Sonance I Speaker



SA2 Speaker



Scott Struthers



Top Pick 2011
Architectural Digest Home Show
TRUFIG



2011 Product of the year
TRUFIG Solid Surface



Finalist, Best New Product 2010
iPort CM-IW100t



Best Turn-on
TRUFIG



EXC!TE
AWARD

Excite Award for
Outstanding Design
Sonance Cinema Series
In-Wall Subwoofer

2011

2010

2009



Volunteer of the Year

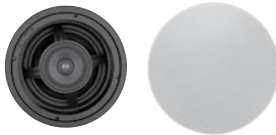


CE Pro
BEST Award
Sonance Cinema Series
In-Ceiling Speakers

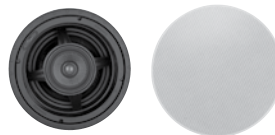


Excite Award for
Outstanding Design
Sonance Cinema Series
In-Ceiling Speakers

2008



CEDIA
Manufacturer Excellence Award
2008 Best New Product
Visual Performance Series



Excite Award for Excellence
in Custom-Installed
Technologies and Electronics
Visual Performance Series

2007



Audioholics
Consumer Excellence Award
VP67R



Excite Award for Excellence
in Custom-Installed
Technologies and Electronics
Architectural Series



Excite Award for Excellence
in Custom-Installed
Technologies and Electronics
iPort FS



CEDIA Award
Best New Product
Architectural Series

2006



Electronic House Award
Product of the Year
Architectural Series



Residential Systems Award
Best Speakers
Architectural Series



Residential Systems Award
Product Design of the Year
Architectural Series

2005



ADEX Awards
Mariner – Silver
Symphony – Gold



Electronic House
Product of the Year
Virtuoso V834DR



EHX Multi-Room Audio/Video Award
Best In-Ceiling Speakers
(\$1,000 or more/pair)
Symphony S625TR

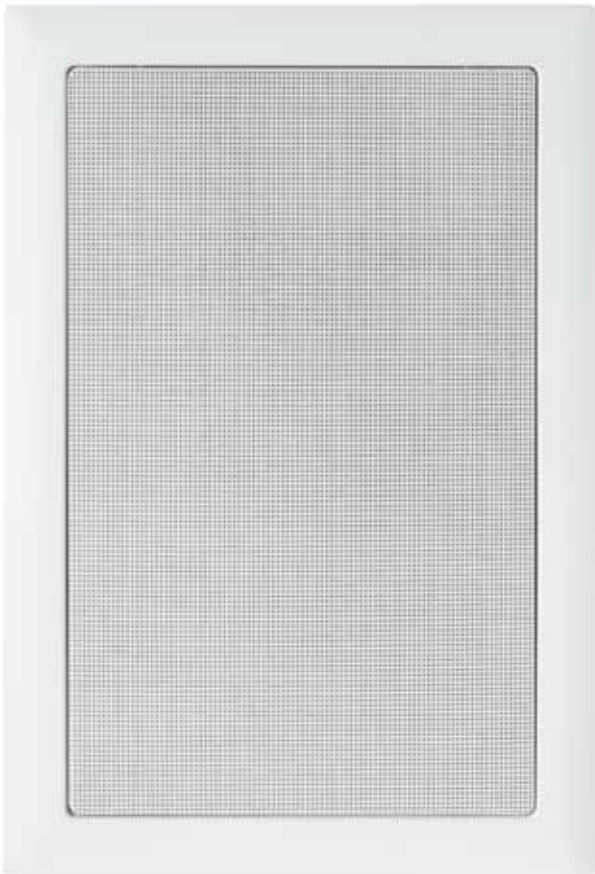


EHX Multi-Room
Audio/Video Award
Best Outdoor Speakers
Mariner 82

DEGREES OF INVISIBILITY

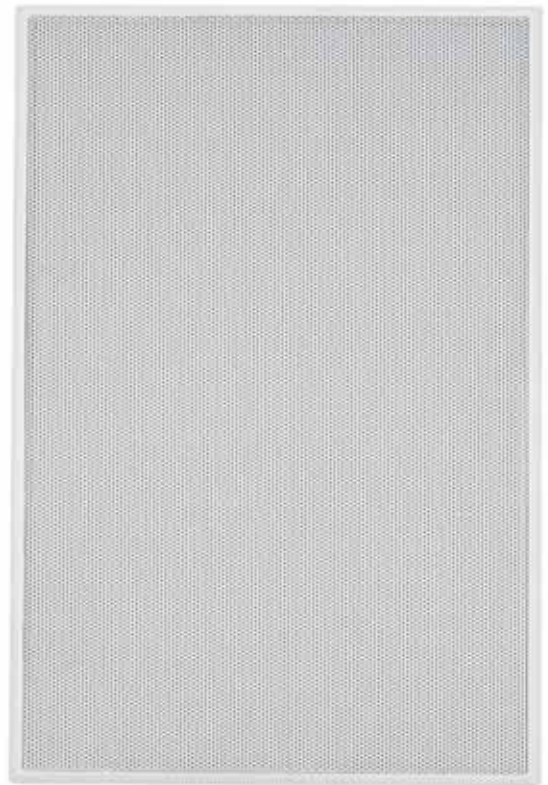
Inventing the in-wall speaker was where Sonance started. But to maintain our leadership position, we've constantly asked ourselves, 'what's the next wall to smash?' In the process we haven't just led the industry, We've redefined it, bringing new innovative product concepts for over 25 years. Sonance® a history of innovation that Architects, Custom Installers and design-sensitive audiophiles all recognise as a true breakthrough.

ORIGINAL SERIES



The **Original Series** redefined home audio as the world's first in-wall speaker. Built with the highest audio quality components, the Sonance Original Series provides outstanding balance between quality and price.

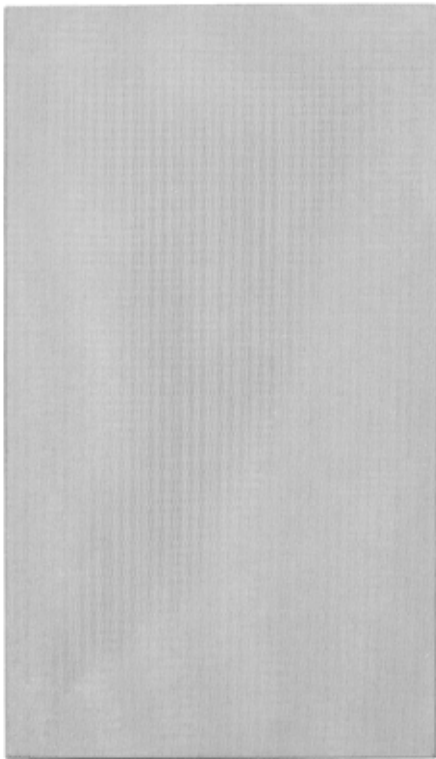
VISUAL PERFORMANCE SERIES



The **Visual Performance Series** speakers continue the Sonance tradition of exceptional audio performance in five performance levels, providing the highest audio quality for the most discriminating listener in sizes and shapes designed to blend seamlessly into any space.



ARCHITECTURAL SERIES



The **Architectural Series** is the new benchmark in Acoustic performance in an architectural context. The world's first perfectly flush, completely trimless design, Sonance Architectural Series speakers precisely align with walls and ceilings to seamlessly integrate our legendary sound quality into your unique design vision.

INVISIBLE SERIES

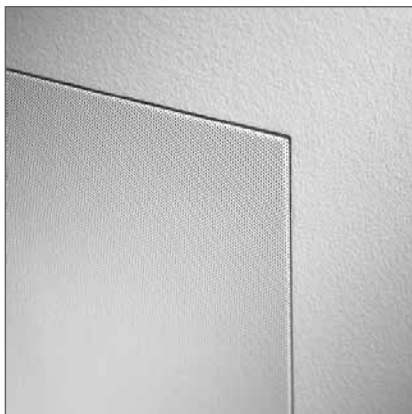
The **Invisible Series** breaks all the rules of audio performance. Completely concealed behind a thin layer of wall compound to disappear inside the wall., the Invisible Series is designed to provide sound to areas that cannot be visually compromised in any way.

ARCHITECTURAL SERIES

THE FIRST TRULY FLUSH-MOUNT, TRIMLESS SPEAKER

Take a good look at Sonance Architectural Series, and you'll never look at speakers the same way again. The first perfectly flush, completely trimless in-wall and in-ceiling speakers precisely align with the surrounding surface to seamlessly integrate our legendary sound quality into your unique design vision. With Sonance Architectural Series, there's no reason for audio quality to come at the expense of design integrity.





HOW TO ORDER

For information on how to become an Architectural Series certified dealer and to obtain pricing, please contact your Sonance representative.

SIZES, SHAPES, MODEL NUMBERS

	Round	Square	Rectangle
Small	Z4R / X4R	Z4S / X4S	Z4 / X4
Medium	Z6R / X6R	Z6S / X6S	Z6 / X6
Large	Z8R / X8R	Z8S / X8S	Z8 / Z8F / X8
Woofer	X8WR*	X8WS*	X8W*
ThinLine	X6R TL	X6S TL	X6 TL

Shallow depths allow installation in areas that cannot accommodate conventional speakers.

Single-Stereo X6R SST X6S SST

Combine left and right signals into one speaker — perfect for use in small spaces.

*Designed for use with a Sonamp® A800 amplifier (available separately, see page 91).

ACOUSTIC PERFORMANCE LEVELS

(Z) REFERENCE-QUALITY BERYLLIUM DRIVERS

Reference-quality beryllium drivers represent the absolute state of the art in home audio.

(X) AUDIOPHILE-QUALITY CARBON FIBER DRIVERS

Audiophile-quality carbon fiber drivers that are sure to please the most discriminating listener.

BPS-1 Bandpass Subwoofer



The Bandpass Subwoofer (BPS-1) adds deep, powerful bass to any audio system. Remaining completely hidden from view, the BPS-1 delivers its bass energy utilizing an Architectural Series mounting platform and a bandpass connector (both available separately). The Architectural Series grille provides a discreet complement to the surrounding architectural space. The BPS-1 requires a Sonamp A150 amplifier (available separately, see page 44).

MOUNTING PLATFORMS

GYPSUM PANEL BRACKET

Available in 1/2" and 5/8" depths for most drywall applications.

UNIVERSAL BRACKET

Designed for both new and existing construction for standard drywall applications, non-standard drywall applications such as plaster and finishes exceeding 5/8" in thickness, and cement-based substrates. Some installations may require Stud-Mount Rails (sold separately). Not available for Large Rectangle Architectural Series speakers.

FINISH OPTIONS

Cloth grille



no trim*

Micro-perforated metal grille



no trim



micro-trim

Mounted perfectly flush with the surface and finished with a paintable grille, Sonance Architectural Series speakers recede into subtle geometric forms. Precision Fit finish components assure perfect alignment.

*No-trim cloth grilles are only available for medium round and square and small round and square Architectural Series speakers.

INVISIBLE SERIES

INVISIBLE SPEAKERS FOR VISIONARY INTERIORS

Imagine that. The ability to outfit any room or space with sound without creating clutter, distractions, or disruptions to the interior design. Sonance Invisible Series speakers vanish into your room design, delivering ambient music that emanates directly from walls and ceilings. Sonance Invisible Series speakers complement some of the most prominent and prestigious properties in the world, including distinctive residences, glamorous resorts, and exclusive retail establishments.



INVISIBLE SERIES SPEAKERS

IS2

SPECIFICATIONS

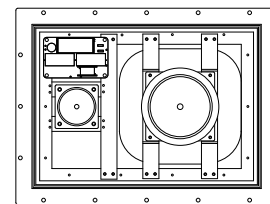
Tweeter	4 sq. in (27 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Woofer	50 sq. in (320 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Frequency Response	50Hz – 20kHz ±3dB
Impedance	8 ohms nominal
Power Handling	80 watts RMS
Sensitivity	88dB (1W/1 meter)
Dispersion	170° hemispherical up to 10kHz
Finish	Paper surface ready for up to 1/8" (3mm) flexible material* and paint
Overload Protection	Two independent self-resetting gel switches (low and high)
Cutout Dims - Without Enclosure (WxHxD)	16-1/8" x 12-1/8" x 2" (409.5mm x 307mm x 51mm)
Cutout Dims - With Enclosure (WxHxD)	16-1/8" x 12-1/8" x 3-11/16" (409.5mm x 307mm x 94mm)
Back Box (WxHxD)	14-1/8" x 10-1/8" x 2-1/8" (358mm x 257mm x 54mm)
Shipping Weight	12 lbs (5.5 kg) pair
Environment Temperature	0° - 125°F (-17.7 - 51.7°C)

Optional metal enclosure for sound containment 92969

Optional Space Saver for pre-construction 92722

*Pliable, elastic material such as joint compound, plaster or wallpaper.

Specifications subject to change.



PART# 92965
QUANTITY PAIR

IS4

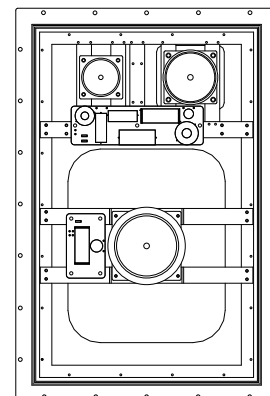
SPECIFICATIONS

Tweeter	4 sq. in (27 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Midrange	17 sq. in (110 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Woofer	113 sq. in (732 sq. cm) planar diaphragm, driven by a 2" (50mm) voice coil
Frequency Response	40Hz – 20kHz ±3dB
Impedance	8 ohms nominal
Power Handling	100 watts RMS
Sensitivity	90dB (1W/1 meter)
Dispersion	170° hemispherical up to 10kHz
Finish	Paper surface ready for up to 1/8" (3mm) flexible material* and paint
Overload Protection	Three independent self-resetting gel switches (low, mid and high)
Cutout Dims - Without Enclosure (WxHxD)	16-1/8" x 24-5/32" x 2" (409.5mm x 613.5mm x 51mm)
Cutout Dims - With Enclosure (WxHxD)	16-1/8" x 24-5/32" x 3-11/16" (409.5mm x 613.5mm x 94mm)
Back Box (WxHxD)	14-1/8" x 22-3/16" x 2-1/8" (358mm x 563.5mm x 54mm)
Shipping Weight	25 lbs (11.25 kg) pair
Environment Temperature	0° - 125°F (-17.7 - 51.7°C)

Optional metal enclosure for sound containment 92970

Optional Space Saver for pre-construction 92723

Specifications subject to change.



PART# 92966
QUANTITY PAIR

IS4 SST

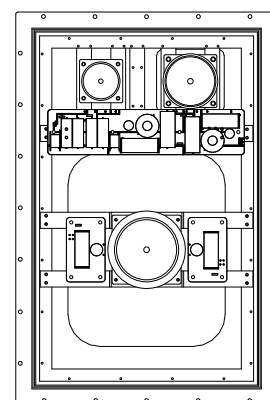
SPECIFICATIONS

Tweeter	4 sq. in (27 sq. cm) planar diaphragm, driven by a 1" (25mm) dual voice coil
Midrange	17 sq. in (110 sq. cm) planar diaphragm, driven by a 1" (25mm) dual voice coil
Woofer	113 sq. in (732 sq. cm) planar diaphragm, driven by a 2" (50mm) dual voice coil
Frequency Response	40Hz – 20kHz ±3dB
Impedance	8 ohms nominal
Power Handling	100 watts RMS
Sensitivity	90dB (1W/1 meter)
Dispersion	170° hemispherical up to 10kHz
Finish	Paper surface ready for up to 1/8" (3mm) flexible material* and paint
Overload Protection	Three independent self-resetting gel switches (low, mid and high)
Cutout Dims - Without Enclosure (WxHxD)	16-1/8" x 24-5/32" x 2" (409.5mm x 613.5mm x 51mm)
Cutout Dims - With Enclosure (WxHxD)	16-1/8" x 24-5/32" x 3-11/16" (409.5mm x 613.5mm x 94mm)
Back Box (WxHxD)	14-1/8" x 22-3/16" x 2-1/8" (358mm x 563.5mm x 54mm)
Shipping Weight	13 lbs (5.85 kg) each
Environment Temperature	0° - 125°F (-17.7 - 51.7°C)

Optional metal enclosure for sound containment 92970

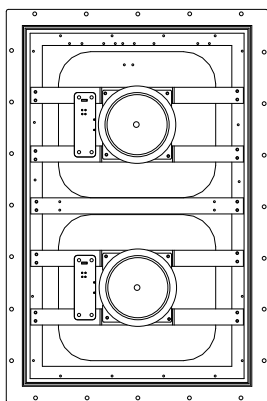
Optional Space Saver for pre-construction 92723

Specifications subject to change.



PART# 92968
QUANTITY EACH

INVISIBLE SERIES SPEAKERS (CONTINUED)



PART# 92967
QUANTITY EACH

ISW

SPECIFICATIONS

Woofer	170 sq. in (1098 sq. cm) planar diaphragm, driven by two 2" (50mm) voice coils
Frequency Response	35Hz – 150Hz ±3dB
Impedance	8 ohms nominal
Power Handling	100 watts RMS
Sensitivity	90dB (1W/1 meter)
Dispersion	170° hemispherical up to 10kHz
Finish	Paper surface ready for up to 1/8" (3mm) flexible material* and paint
Overload Protection	Self-resetting gel switch
Cutout Dims -	
Without Enclosure (WxHxD)	16-1/8" x 24-5/32" x 2" (409.5mm x 613.5mm x 51mm)
Cutout Dims -	
With Enclosure (WxHxD)	16-1/8" x 24-5/32" x 3-11/16" (409.5mm x 613.5mm x 94mm)
Back Box (WxHxD)	14-1/8" x 22-3/16" x 2-1/8" (358mm x 563.5mm x 54mm)
Shipping Weight	13 lbs (5.85 kg) each
Environment Temperature	0° - 125°F (-17.7 - 51.7°C)

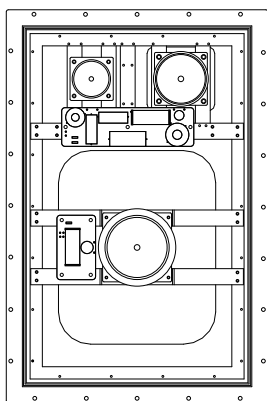
Optional metal enclosure for sound containment 92970

Optional Space Saver for pre-construction 92723

*Pliable, elastic material such as joint compound, plaster or wallpaper.

Specifications subject to change.

Requires Sonamp A800 (Sold separately)



PART# 40127
QUANTITY EACH

IS4 C

SPECIFICATIONS

Tweeter:	4 sq. in (27 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Midrange:	17 sq. in (110 sq. cm) planar diaphragm, driven by a 1" (25mm) voice coil
Woofer:	113 sq. in (732 sq. cm) planar diaphragm, driven by a 2" (50mm) voice coil
Frequency Response:	40Hz – 20kHz ±3dB
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 0.5W, 1W, 2W, 4W, 8W, 16W, 32W Primary taps (100V): 1W, 2W, 4W, 8W, 16W, 32W 8-ohm bypass
Power Handling:	100 watts RMS
Sensitivity:	90dB (1W/1 meter)
Dispersion:	170° hemispherical up to 10 kHz
Finish:	Paper surface ready for up to 1/8" (3mm) flexible material* and paint
Overload Protection:	Three independent self-resetting gel switches (low, mid and high)
Cutout Dims -	
With Enclosure (WxHxD)	16-1/8" x 24-5/32" x 3-11/16" (409.5mm x 613.5mm x 94mm)
Shipping Weight:	28 lbs (12.7 kg) each
Environment Temperature:	0° - 125°F (-17.7 - 51.7°C)

*Pliable, elastic material such as joint compound or wallpaper.

Specifications subject to change.

INVISIBLE SERIES ACCESSORIES



PART# 92722
IS2
QUANTITY EACH

IS2 SMALL SPACE SAVER

Reusable units designed to be installed in new construction to reserve locations for the speakers during the early stages of construction. At the appropriate time, the speaker installer removes the Space Saver and replaces it with the Invisible Series speaker.

Available for the IS2.

SPECIFICATIONS

Dimensions (W x H x D):	15-1/2" x 11-5/8" x 4-1/4" (393mm x 295mm x 107mm)
Shipping Weight:	5 lbs (2.3kg) each
Net Weight:	3 lbs (1.4kg) each

INVISIBLE SERIES ACCESSORIES (CONTINUED)

IS4, IS4 SST, ISW LARGE SPACE SAVERS

Reusable units designed to be installed in new construction to reserve locations for the speakers during the early stages of construction. At the appropriate time, the speaker installer removes the Space Saver and replaces it with the Invisible Series speaker.

Available for the IS4, IS4 SST, ISW.

SPECIFICATIONS

Dimensions (W x H x D):	15-1/2" x 24-1/4" x 4-1/4" (393mm x 616mm x 107mm)
Shipping Weight:	8 lbs (3.6kg) each
Net Weight:	5 lbs (2.3kg) each



PART#	IS4, IS4 SST, ISW	92723
QUANTITY		EACH

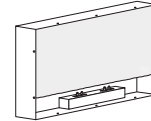
IS2, IS4, IS4 SST, ISW ENCLOSURES

These steel enclosures provide up to 20dB of noise reduction on the back of the speaker.

IS2 SMALL ENCLOSURE

SPECIFICATIONS

Dimensions (W x H x D):	16-1/8" x 12-1/8" x 3-11/16" (409.5mm x 307mm x 94mm)
Shipping Weight:	6 lbs (2.7kg) each



PART#	IS2	92969
QUANTITY		EACH

IS4, IS4 SST, ISW LARGE ENCLOSURE

IS4, IS4 SST, ISW Large Space Saver SPECIFICATIONS

Dimensions (W x H x D):	16-1/8" x 24-5/32" x 3-11/16" (409.5mm x 613.5mm x 94mm)
Shipping Weight:	12 lbs (5.4kg) each

*NOTE: Included with IS4 C.



PART#	IS4, IS4 SST, ISW	92970
QUANTITY		EACH

SONAMP POWER AMPLIFIERS

SONAMP A800 WOOFER AMPLIFIER

Required for the ISW, the Sonamp A800 provides 90 watts of power and flexible controls that allow the woofer's performance to be optimized for a wide variety of installation situations.

SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms
Power Output (program):	150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) +1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16 3/4" x 4" x 13 1/2" (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13 1/2" (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg)



PART# (120V)	92306
QUANTITY	EACH

PART# (230V)	92454
QUANTITY	EACH

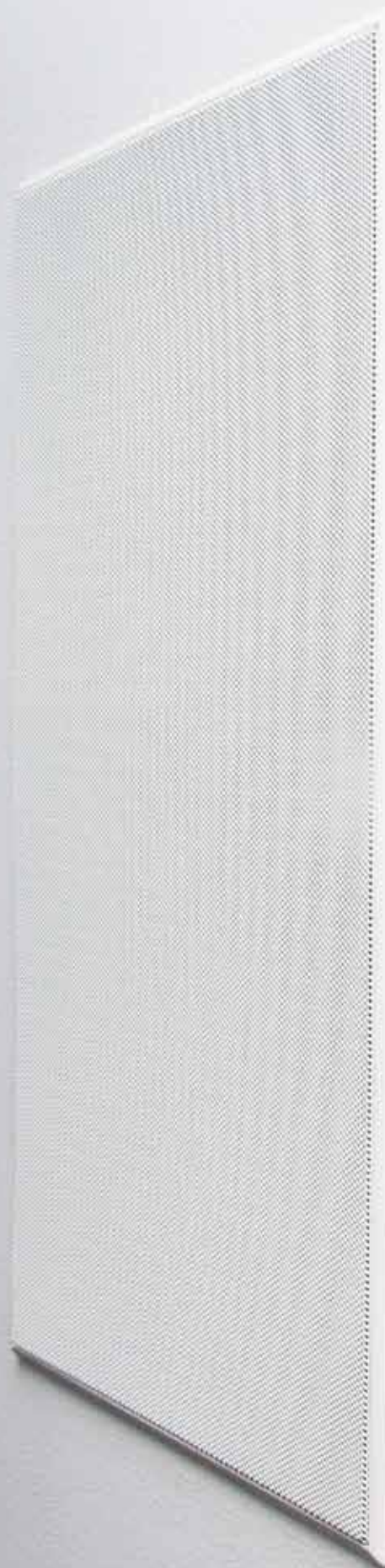
RACK EARS KIT	
PART#	90603
QUANTITY	PAIR



VISUAL PERFORMANCE SERIES

Visual Performance® series speakers offer extraordinary sound quality in an understated design, complementing your space without competing for attention. The Visual Performance Series features striking updated aesthetic grilles with small trim that blend gracefully into any designed environment, allowing your music to permeate the room without disturbing the design of your space.





MICRO-TRIM GRILLE:

Micro-trim grilles (0.20" of trim) give the Visual Performance speakers a clean, sleek appearance that seamlessly integrates into any designed space. The grilles attach via powerful magnets for a simple and quick installation. A one-step paint process saves time compared to traditional flanged speakers.

OPTIONS



THINLINE (TL):

Featuring shallow 2½" – 3" (64mm – 77mm) depths, Visual Performance Series ThinLine speakers deliver a very high level of audio performance while allowing installation in areas that are too shallow to accommodate conventional speakers.



EXTREME (XT):

Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures — from -30°F up to +175°F — while maintaining superior sound quality. Visual Performance Series Extreme speakers are also shock-resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications.



SINGLE STEREO TECHNOLOGY®

(SST): Visual Performance Series Single Stereo speakers combine both left and right signals into one speaker. They are perfect for use in small spaces, such as bathrooms and hallways.



WOOFER (W):

Visual Performance Series woofers enhance the bass performance of any home theater or distributed audio system without visually disturbing the designed space. Must be used in conjunction with a Sonamp® A800 amplifier (available separately, see page 91).



HOME THEATER FRONT CHANNEL (LCR):

Visual Performance Series LCR speakers are ideal in all three front-channel home theater applications or as the center-channel counterpart for a Visual Performance Series left and right channel speaker pair.



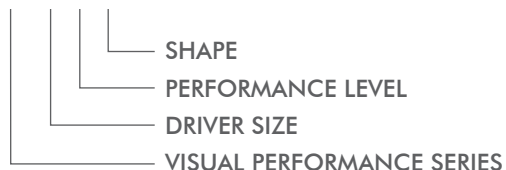
HOME THEATER SURROUND (SUR):

Visual Performance Series Surround speakers feature a precisely mounted dual-tweeter array that creates a diffuse sound field that is ideal for in-ceiling surround channel applications.

VISUAL PERFORMANCE Simple to Specify & Finish

SPEAKER NOMENCLATURE

VP 8 9 R



HOW TO SPECIFY

1. SELECT **SIZE**
[Small | Medium | Large]
2. SELECT **SHAPE**
[Rectangle | Round (R) | Square (S)]
3. SELECT **PERFORMANCE LEVEL**
[Beryllium | Coated Carbon Fiber | Carbon Fiber | Polypropylene with pivoting tweeters | Polypropylene]
4. SELECT **INSTALLATION PROFILE**
[Multi-room | ThinLine | Single Stereo | Extreme | Home Theater]



SHAPE

CHOOSE THE FORM FACTOR

	CHOOSE THE DRIVER SIZE			
MULTI-ROOM	SMALL 4" DRIVERS	VP49 VP45 VP41	VP49R VP45R VP41R	VP49S VP45S VP41S
	MEDIUM 6" DRIVERS	VP69 VP67 VP65 VP63 VP61	VP69R VP67R VP65R VP63R VP61R	VP69S VP65S VP61S
	LARGE 8" DRIVERS	VP89 VP87 VP85	VP89R VP87R VP85R	VP89S VP85S VP81S
THINLINE	MEDIUM 6" DRIVERS	VP65 TL	VP65R TL VP63R TL VP61R TL	VP65S TL
SINGLE STEREO	SMALL 4" DRIVERS		VP45R SST	VP45S SST
	MEDIUM 6" DRIVERS	VP65 SST	VP65R SST VP61R SST VP65R SST TL	VP65S SST
	LARGE 8" DRIVERS		VP85R SST	VP85S SST
EXTREME	MEDIUM 6" DRIVERS	VP65 XT	VP65R XT VP65R SST XT	VP65S XT
HOME THEATER	MEDIUM 6" DRIVERS	VP67LCR	VP65R SUR	VP65S SUR
WOOFERS	LARGE 8" DRIVERS	VP85 W	VP85R W	VP85S W
BEANDPASS	LARGE 8" DRIVERS	BPS-1		

AUDIO QUALITY

Sonance Visual Performance Series speakers deliver renowned Sonance audio quality in five performance levels.



LEVEL 9

Beryllium composite drivers with pivoting tweeters produce reference quality sound and create the acoustic standard by which all others are measured.



LEVEL 7

Coated carbon fiber drivers and pivoting aluminum tweeters ensure audiophile quality sound reproduction designed to please discriminating listeners.



LEVEL 5

Carbon fiber drivers and pivoting silk tweeters deliver superb audio performance.



LEVEL 3

Polypropylene drivers and pivoting silk tweeters ensure great reproduction and provide installation flexibility.



LEVEL 1

Polypropylene drivers and silk tweeters produce quality sound and offer very good value.

ADVANCED GRILLE DESIGN AND MOUNTING

SONANCE Visual Performance Series speakers are meant to appeal to the ear and the eye. We designed the grilles with aesthetics in mind by creating trims that are less than a half inch thick and smaller than average perforations which allow these speakers to blend seamlessly into any designed space. A one-step painting process affords the ability to creatively blend these speakers into any environment. Installation is easy, as well by employing neodymium magnets, the strongest type of permanent magnet made, to easily and securely fit the grilles into place. Performance and looks all rolled into one.

VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKERS

SPECIAL FEATURES

• One-piece, trimless, low-profile magnetic grille • Simplified one-step painting process • Pivoting Sonic Eye directs sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Extended woofer pole-piece dissipates heat and increases power handling (VP89, VP87) • Bi-wire capability for uncompromising performance (VP89) • Three-position tweeter adjustment switch and three-position midrange adjustment switch fine-tune performance to the room (VP89, VP87) • Exclusive FastMount® tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock® mounting system simplifies installation



PART# 92587
QUANTITY PAIR

VP89

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) beryllium cone, rubber surround, pivoting
Woofer:	8" (203mm) beryllium cone, rubber surround, extended pole piece
Frequency Response:	30Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 175 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter and midrange level (±3dB)
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims.(W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	22 lbs (10kg) pair



PART# 92586
QUANTITY PAIR

VP87

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) coated carbon fiber cone, rubber surround, pivoting
Woofer:	8" (203mm) coated carbon fiber cone, rubber surround, extended pole piece
Frequency Response:	31Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 165 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter and midrange level (±3dB)
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	22 lbs (10kg) pair

VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKERS

VP85

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) carbon fiber cone, rubber surround, pivoting
Woofers:	8" (203mm) carbon fiber cone, rubber surround
Frequency Response:	36Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# 92585
QUANTITY PAIR

VP83

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# 92862
QUANTITY PAIR

VP81

SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# 92859
QUANTITY PAIR

VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance large rectangle grille	92614	123	1 pair
Large rectangle Flex bracket	92246	133	5 pair
Large rectangle wood acoustic enclosure	91708	138	each
Large rectangle retrofit enclosure	92242	140	1 pair
Large rectangle staple template	901067	134	5 pair
Large rectangle coverplate	92244	132	1 pair
Vapor barrier	91703	143	12 pair

VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKERS

SPECIAL FEATURES

• One-piece, trimless, low-profile magnetic grille • Simplified one-step painting process • Fully-pivoting woofer assembly and pivoting Sonic Eye direct sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Graphite-Reinforced ABS (GRABS) woofer basket reduces resonances • Three-position tweeter adjustment switch and three-position midrange adjustment switch fine-tunes performance for the room (VP89R, VP87R) • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation



PART# 92527
QUANTITY PAIR

VP89R

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) beryllium cone, rubber surround, pivoting
Woofer:	8" (203mm) beryllium cone, rubber surround, pivoting
Frequency Response:	30Hz – 20kHz ± 3 dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 175 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter and midrange level (± 3 dB)
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	22 lbs (10kg) pair



PART# 92526
QUANTITY PAIR

VP87R

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) coated carbon fiber cone, rubber surround, pivoting
Woofer:	8" (203mm) coated carbon fiber cone, rubber surround, pivoting
Frequency Response:	31Hz – 20kHz ± 3 dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 165 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter and midrange level (± 3 dB)
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	22 lbs (10kg) pair



PART# 92525
QUANTITY PAIR

VP85R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) carbon fiber cone, rubber surround, pivoting
Woofer:	8" (203mm) carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz ± 3 dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	20 lbs (9kg) pair

VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKERS

VP83R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 ⁵ / ₈ " x 5 ⁷ / ₈ " (295mm x 149mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# 92863
QUANTITY pair

VP81R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 ⁵ / ₈ " x 5 ⁷ / ₈ " (295mm x 149mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	20 lbs (9kg) pair



PART# 92860
QUANTITY pair

VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKER ACCESSORIES

	Part #	Page#	QTY
Visual Performance large round grille	92615	123	1 pair
Large round wood acoustic enclosure	91900	138	each
Large round retrofit enclosure	92243	140	1 pair
Large round Flex bracket	92247	133	5 pair
Large round coverplate	92245	132	1 pair
Fire-rated (listed) large round backcan*	91908	142	each
Fire-rated (listed) deep backcan	92808	142	each

* While supplies last

VISUAL PERFORMANCE SERIES LARGE SQUARE SPEAKERS

SPECIAL FEATURES

• One-piece, trimless, low-profile magnetic grille • Simplified one-step painting process • Fully-pivoting woofer assembly and pivoting Sonic Eye direct sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Graphite-Reinforced ABS (GRABS) woofer basket reduces resonances • Three-position tweeter adjustment switch and three-position midrange adjustment switch fine-tunes performance for the room (VP89S, VP87S) • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation



PART# 92864
QUANTITY pair

VP89S

SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting
Midrange: 4" (102mm) beryllium cone, rubber surround, pivoting
Woofer: 8" (203mm) beryllium cone, rubber surround, pivoting
Frequency Response: 30Hz – 20kHz $\pm$ 3dB
Impedance: 6 ohms nominal; 4 ohms minimum
Power Handling: 5 watts minimum; 175 watts maximum
Sensitivity: 91dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 57/8" (299mm x 299mm x 149mm)
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)
Shipping Weight: 22 lbs (10.0kg) pair



PART# 92555
QUANTITY PAIR

VP85S

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange: 4" (102mm) carbon fiber cone with a rubber surround, pivoting
Woofer: 8" (203mm) long-throw carbon fiber cone, rubber surround
Frequency Response: 36Hz – 20kHz $\pm$ 3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 140 watts maximum
Sensitivity: 91dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 57/8" (299mm x 299mm x 149mm)
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)
Shipping Weight: 20 lbs (9.0kg) pair



PART# 92861
QUANTITY pair

VP81S

SPECIFICATIONS

Tweeter: 3/4" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange: 4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer: 8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response: 45Hz – 20kHz $\pm$ 3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 100 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 5 7/8" (299mm x 299mm x 149mm)
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)
Shipping Weight: 20 lbs (9.0kg) pair

VISUAL PERFORMANCE SERIES LARGE SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance Large square grille	92616	123	1 pair
Large square wood acoustic enclosure	92481	138	each
Large square retrofit enclosure	92243	140	1 pair
Fire-rated (listed) deep backcan	92808	142	each
Large square Flex bracket	92801	133	5 pair

VISUAL PERFORMANCE SERIES MEDIUM RECTANGLE SPEAKERS

SPECIAL FEATURES

• One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting tweeters direct sound at listeners • Low-resonance ¾" MDF baffles and cast aluminum woofer baskets (VP69, VP67) • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

VP69

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) beryllium cone with a rubber surround, extended pole piece
Frequency Response:	40Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter level (±3dB)
Dimensions (W x H x D):	8 3/8" x 12 1/4" x 3 1/2" (213mm x 311mm x 89mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	12 lbs (5.45kg) pair



PART# 92577
QUANTITY PAIR

VP67

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) coated carbon fiber cone with a rubber surround, extended pole piece
Frequency Response:	43Hz – 20kHz ± 3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter level (±3dB)
Dimensions (W x H x D):	8 3/8" x 12 1/4" x 3 1/2" (213mm x 311mm x 89mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART# 92576
QUANTITY PAIR

VP65

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 3/8" x 12 1/4" x 3 3/8" (213mm x 311mm x 86mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92575
QUANTITY PAIR

VISUAL PERFORMANCE SERIES MEDIUM RECTANGLE SPEAKERS



PART# 92852
QUANTITY PAIR

VP63

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅜" x 12¼" x 3⅜" (213mm x 311mm x 86mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# 92848
QUANTITY PAIR

VP61

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone, rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅜" x 12¼" x 3⅜" (213mm x 311mm x 86mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair

VISUAL PERFORMANCE MEDIUM RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium rectangle grille	92611	123	1 pair
Visual Performance Extreme rectangle grille	92812	124	each
Medium rectangle Flex bracket	92336	133	5 pair
Medium rectangle staple template	900651	134	5 pair
Medium rectangle wood acoustic enclosure	91687	138	each
Medium rectangle retrofit enclosure	92342	140	1 pair
Fire-rated (listed) shallow backcan	92807	142	each
Medium rectangle masonry bracket	92066	134	1 pair
Medium rectangle coverplate	92334	132	1 pair
Vapor barrier	91703	143	12 pair

VISUAL PERFORMANCE SERIES MEDIUM ROUND SPEAKERS

SPECIAL FEATURES

- One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance
- Pivoting woofers and pivoting tweeters direct sound at listeners for life-like stereo performance, even when placement options are limited
- Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation
- Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

VP69R

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) beryllium cone with a rubber surround, pivoting
Frequency Response:	40Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter level (±3dB)
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	12 lbs (5.45 kg) pair



PART# 92517
QUANTITY PAIR

VP67R

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) coated carbon fiber cone with a rubber surround, pivoting
Frequency Response:	43Hz – 20kHz ± 3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter level (±3dB)
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART# 92516
QUANTITY PAIR

VP65R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, pivoting
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Adjustments:	Tweeter level ±3dB
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92515
QUANTITY PAIR

VISUAL PERFORMANCE SERIES MEDIUM ROUND SPEAKERS



PART# 92853
QUANTITY PAIR

VP63R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofers:	6 1/2" (165mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1 kg) pair



PART# 92849
QUANTITY PAIR

VP61R

SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled
Woofers:	6 1/2" (165mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1 kg) pair

VISUAL PERFORMANCE MEDIUM ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium round grille	92612	123	1 pair
Visual Performance Extreme round grille	92813	124	each
Medium round Flex bracket	92337	133	5 pair
Medium round wood acoustic enclosure	91688	139	each
Medium round retrofit enclosure	92343	140	1 pair
Medium round staple template	901049	134	5 pair
Fire-rated (listed) deep backcan	92808	142	each
Medium round coverplate	92335	132	1 pair

VISUAL PERFORMANCE SERIES MEDIUM SQUARE SPEAKERS

SPECIAL FEATURES

- One-piece, nearly trimless, low-profile magnetic grille with simplified one-step painting process
- Small footprint increases installation options
- Tweeter acoustic back chamber widens and smoothes high-frequency performance
- Pivoting woofers and pivoting tweeters direct sound at listeners for life-like stereo performance, even when placement options are limited
- Optional retrofit molded enclosure reduces sound spillover into adjacent spaces
- Roto-Lock mounting system simplifies installation
- Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

VP69S

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) beryllium cone with a rubber surround, pivoting
Frequency Response:	40Hz – 20kHz ±3dB
Adjustments:	Tweeter level (±3dB)
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# 92854
QUANTITY PAIR

VP65S

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, pivoting
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92545
QUANTITY PAIR

VP61S

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# 92850
QUANTITY PAIR

VISUAL PERFORMANCE MEDIUM SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium square grille	92613	123	1 pair
Visual Performance Extreme square grille	92814	124	1 pair
Medium square Flex bracket	92344	133	5 pair
Medium square wood acoustic enclosure	92474	139	each
Medium square retrofit enclosure	92343	140	1 pair
Fire-rated (listed) deep backcan	92808	142	each

VISUAL PERFORMANCE SERIES SMALL RECTANGLE SPEAKERS

SPECIAL FEATURES

• One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Very small footprint dramatically expands installation options • Carbon fiber cone woofer delivers robust bass • Pivoting tweeter directs sound at listeners • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# 92843
QUANTITY PAIR

VP49

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	4½" (114mm) beryllium cone with a rubber surround
Frequency Response:	50Hz - 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92565
QUANTITY PAIR

VP45

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4½" (114mm) carbon fiber cone with a rubber surround
Frequency Response:	58Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92840
QUANTITY PAIR

VP41

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair

VISUAL PERFORMANCE SMALL RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small rectangle grille	92608	123	1 pair
Small rectangle Flex bracket	92470	133	5 pair
Small rectangle retrofit enclosure	92442	140	1 pair
Small rectangle masonry bracket	92067	134	1 pair
Fire-rated (listed) shallow backcan	92807	142	each
Vapor barrier	91703	143	12 pair

VISUAL PERFORMANCE SERIES SMALL ROUND SPEAKERS

SPECIAL FEATURES

• One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Very small footprint dramatically expands installation options • Carbon fiber cone woofer delivers robust bass • Pivoting tweeter directs sound at listeners • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

VP49R

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	4½" (114mm) beryllium cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92844
QUANTITY PAIR

VP45R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4½" (114mm) carbon fiber cone with a rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92505
QUANTITY PAIR

VP41R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92841
QUANTITY PAIR

VISUAL PERFORMANCE SMALL ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small round grille	92609	123	1 pair
Small round Flex bracket	92471	133	5 pair
Small round retrofit enclosure	92443	140	1 pair
Fire-rated (listed) deep backcan	92808	142	each
Vapor barrier	91703	143	12 pair

VISUAL PERFORMANCE SERIES SMALL SQUARE SPEAKERS



PART# 92845
QUANTITY PAIR

VP49S

SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer: 4 1/2" (114mm) beryllium cone with a rubber surround
Frequency Response: 50Hz – 20kHz ±3dB
Impedance: 6 ohms nominal; 4 ohms minimum
Power Handling: 5 watts minimum; 100 watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H): 5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight: 6 lbs (2.8kg) pair



PART# 92535
QUANTITY PAIR

VP45S

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, pivoting
Woofer: 4 1/2" (114mm) carbon fiber cone with a rubber surround
Frequency Response: 58Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 70 watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H): 5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight: 6 lbs (2.8kg) pair



PART# 92842
QUANTITY PAIR

VP41S

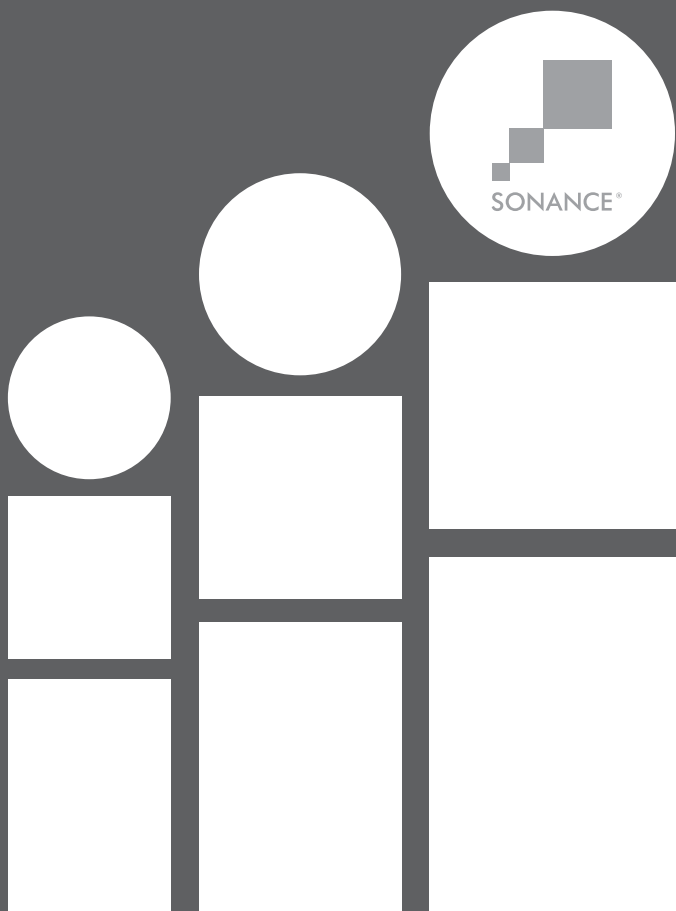
SPECIFICATIONS

Tweeter: 3/4" (19mm) silk dome
Woofer: 4 1/2" (114mm) polypropylene cone with a rubber surround
Frequency Response: 70Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 50 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H): 5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight: 6 lbs (2.8kg) pair

VISUAL PERFORMANCE SMALL SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small square grille	92610	123	1 pair
Small square Flex bracket	92472	133	5 pair
Small square wood acoustic enclosure*	92449	139	each
Small square retrofit enclosure	92453	140	1 pair
Fire-rated (listed) deep backcan	92808	142	each
Vapor barrier	91703	143	12 pair

*While supplies last



VISUAL PERFORMANCE SERIES

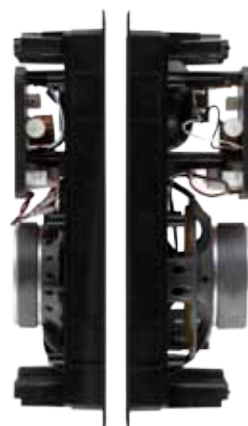


VISUAL PERFORMANCE SERIES MEDIUM THINLINE SPEAKERS

SPECIAL FEATURES

Thinline speakers are designed for installations in tight spaces. Insulation, conduit, electrical connections or plumbing may interfere with standard installs. only 3.031 inches or less deep. Maintain the acoustic performance without sacrificing the ideal location.

THINLINE



REGULAR



PART# 92600
QUANTITY PAIR

VP65 TL — THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8¾" x 12¼" x 2½" (213mm x 311mm x 64mm)
Cut-Out Dims. (W x H):	6½⅙" x 10¾" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair

For accessories, see "Visual Performance medium rectangle speaker accessories" on page 28.



PART# 92601
QUANTITY PAIR

VP65R TL — THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92602
QUANTITY PAIR

VP65S TL — THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 3½" (251mm x 251mm x 77mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair

For accessories, see "Visual Performance medium square speaker accessories" on page 31.

VISUAL PERFORMANCE SERIES MEDIUM THINLINE SPEAKERS

VP65R SST TL — THINLINE SINGLE STEREO

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone, dual voice coil, with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92858
QUANTITY EACH

VP63R TL — THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92856
QUANTITY PAIR

VP61R TL — THINLINE

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92855
QUANTITY PAIR

VP61R SST TL -- THINLINE SINGLE STEREO

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone, with a rubber surround and dual voice coil
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92857
QUANTITY EACH

VISUAL PERFORMANCE SERIES MEDIUM EXTREME SPEAKERS

SPECIAL FEATURES

• Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures - from -30°F up to +175°F (34°C up to +79°C) - while maintaining superior sound quality. Visual Performance Series Extreme speakers are also shock resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications. Superior construction incorporates samarium cobalt magnets and 316L stainless steel.



PART# 92751
QUANTITY PAIR

VP65 XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (W x H x D): 8¾" x 12¼" x 2½" (213mm x 311mm x 64mm)
Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium rectangle speaker accessories" on page 28.



PART# 92752
QUANTITY PAIR

VP65R XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (Diam. x D): 9¾" x 3½" (248mm x 89mm)
Cut-Out Diameter: 8¼" (210mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92835
QUANTITY PAIR

VP65S XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (W x H x D): 9⅞" x 9⅞" x 3½" (251mm x 251mm x 89mm)
Cut-Out Dims. (W x H): 8¼" x 8¼" (210mm x 210mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART# 92753
QUANTITY EACH

VP65R SST XT — EXTREME SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter: Two 1" (25mm) polyurethane domes
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (Diam. x D): 9¾" x 5⅜" (248mm x 132mm)
Cut-Out Diameter: 8¼" (210mm)
Shipping Weight: 4.5 lbs (2.1kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 30.

VISUAL PERFORMANCE SERIES LARGE SINGLE STEREO SPEAKERS

SPECIAL FEATURES

- Sonance's exclusive Single Stereo Technology® (SST) combines the left and right stereo channels into a single in-wall speaker. Ideal for kitchens, hallways, bathrooms, or wherever the listener will be moving about and a pair of stereo speakers would be impractical.

VP85R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofer:	8" (203mm) carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 ⁵ / ₈ " x 5 ⁷ / ₈ " (295mm x 149mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance series large round speaker accessories" on page 25.



PART# 92865
QUANTITY EACH

VP85S SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofer:	8" (203mm) carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	11 ³ / ₄ " x 11 ³ / ₄ " x 5 ⁷ / ₈ " (299mm x 299mm x 149mm)
Cut-Out Dims (W x H):	10 ¹ / ₄ " x 10 ¹ / ₄ " (257mm x 257mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance series large square speaker accessories" on page 26.



PART# 92866
QUANTITY EACH

VISUAL PERFORMANCE SERIES MEDIUM SINGLE STEREO SPEAKERS

VP65 SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 ¹ / ₂ " (165mm) carbon fiber cone, with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 ³ / ₈ " x 12 ¹ / ₄ " x 3 ⁹ / ₁₆ " (213mm x 311mm x 91mm)
Cut-Out Dims. (W x H):	6 ¹⁵ / ₁₆ " x 10 ³ / ₄ " (176mm x 273mm)
Shipping Weight:	6 lbs (2.7kg) each

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART# 92734
QUANTITY EACH

VISUAL PERFORMANCE SERIES MEDIUM SINGLE STEREO SPEAKERS



PART# 92730
QUANTITY EACH

VP65R SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92731
QUANTITY EACH

VP65S SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART# 92851
QUANTITY EACH

VP61R SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone, dual voice coil, with a rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 30.

VP45R SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes
Woofers:	4 1/2" (114mm) carbon fiber cone, with rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	6 7/8" x 3 1/2" (175mm x 89mm)
Cut-Out Diameter:	5 7/8" (149mm)
Shipping Weight:	3 lbs (1.4kg) each

For accessories, see "Visual Performance small round speaker ACCESSORIES" on page 33.



PART#	92846
QUANTITY	EACH

VP45S SST — SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes
Woofers:	4 1/2" (114mm) carbon fiber cone, with a rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims (W x H):	5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight:	3 lbs (1.4kg) each

For accessories, see "Visual Performance small square speaker ACCESSORIES" on page 34.



PART#	92847
QUANTITY	EACH

VISUAL PERFORMANCE SERIES LARGE WOOFERS

SPECIAL FEATURES

- Visual Performance Series woofers enhance the bass performance of any home theater or distributed audio system without visually disturbing the designed space. Must be used in conjunction with a Sonamp® A800 amplifier (available separately).



PART# 92740
QUANTITY EACH

VP85 W

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, rubber surround
Frequency Response:	35Hz – 250Hz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 ⁷ / ₈ " (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	13 lbs (5.8kg) each

Note: Requires a Sonamp A800 amplifier (available separately (see page 43). The large rectangle retrofit enclosure is not recommended to be used with this product.

For accessories, see "Visual Performance series Large rectangle speaker Accessories" on page 23.



PART# 92741
QUANTITY EACH

VP85R W

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, rubber surround
Frequency Response:	35Hz – 250Hz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 ⁵ / ₈ " x 3 ⁷ / ₈ " (295mm x 98mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	13 lbs (5.8kg) each

Note: Requires a Sonamp A800 amplifier (available separately, see page 43). The large round retrofit enclosure is not recommended to be used with this product.

For accessories, see "Visual Performance series large round speaker accessories" on page 25.



PART# 92742
QUANTITY EACH

VP85S W

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	11 ³ / ₄ " x 11 ³ / ₄ " x 3 ⁷ / ₈ " (299mm x 299mm x 98mm)
Cut-Out Dims. (W x H):	10 ¹ / ₄ " x 10 ¹ / ₄ " (260mm x 260mm)
Shipping Weight:	13 lbs (5.8kg) each

Note: Requires a Sonamp A800 amplifier (available separately, see page 43). The large square retrofit enclosure is not recommended to be used with this product.

For accessories, see "Visual Performance series large square speaker accessories" on page 26.

SONAMP WOOFER AMPLIFIER

SONAMP A800 woofer amplifier

Required for the VP85 W, VP85R W, and VP85S W woofers, the Sonamp A800 provides 150 watts of power and flexible controls that allow the woofer's performance to be optimized for a wide variety of installation situations.

SONAMP A800

SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms Power Output (program): 150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) +1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22khz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16¾" x 4" x 13½" (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13½" (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg) each



PART# (120V) 92306
QUANTITY EACH

PART# (230V) 92454
QUANTITY EACH

RACK EARS KIT
PART# 90603
QUANTITY PAIR



VISUAL PERFORMANCE SERIES BANDPASS SUBWOOFER

SPECIAL FEATURES

The Visual Performance Bandpass Subwoofer (BPS-1) adds deep, powerful bass to any audio system. Remaining completely hidden from view, the BPS-1 delivers its bass energy utilizing a Visual Performance Series mounting platform and a bandpass connector (both available separately). The Visual Performance grille provides a discreet complement to the surrounding space. Requires a Sonamp A150 amplifier.



PART# 92478
QUANTITY EACH

BPS-1

SPECIFICATIONS

Woofers:	8" (203mm) long throw felted paper cone, rubber surround
Frequency Response:	35Hz x 150Hz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Enclosure Dims. (W x H x D):	9" x 11" x 39 1/2" (229mm x 279mm x 1283mm)
Min. Mounting Area:	9 1/8" x 11" x 53 1/4" (232mm x 279mm x 1352mm)
Shipping Weight:	46 lbs (20.9kg) each
Note: Requires a Sonamp A150 amplifier .	

SONAMP SUBWOOFER AMPLIFIER

SPECIAL FEATURES

For use with Visual Performance Series BPS-1 bandpass subwoofer • 150 watts • Front-panel volume, crossover, and phase controls • Crossover bypass switch • Built-in non-defeatable limiter prevents overdriving the BPS-1 • Binding-post speaker connectors • Line-level outputs for daisy-chaining multiple amplifiers • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Supplied alternate speaker fuse allows a single A150 to drive two BPS-1 subwoofer cabinets • Available in 120V and 230V versions • Available rack-mount ears



PART# (120V) 92476
QUANTITY EACH

PART# (230V) 92477
QUANTITY EACH



RACK EARS KIT
PART# 90603
QUANTITY PAIR

SONAMP A150 SUBWOOFER AMPLIFIER

SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms
Power Output (Program):	150 watts @ 4 ohms
Frequency Response:	31Hz – 150Hz (variable to 40Hz)
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTG filter)
Input Sensitivity (Stereo Inputs):	25mV for 90W @ 4 ohms (volume control @ max)
Input Sensitivity ((LFE, Mono Input):	600mV for 90W @ 4 ohms (Bypass mode)
Input Impedance:	20k ohms
Hi-Level Out Hi-Pass Filter:	-3dB @ 200Hz, 6dB/octave
Line-Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Speaker Fuse (one BPS-1):	1.6A (T1.6AL ~250V)
Speaker Fuse (two BPS-1s):	2.0A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16 3/4" x 4" x 13 1/2" (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13 1/2" (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg) each



VISUAL PERFORMANCE SERIES BANDPASS CONNECTORS

SPECIAL FEATURES

Required Bandpass Connectors allow the BPS-1 to match the look of Small and Medium, round or square, Visual Performance Series speakers. The Bandpass Connectors are heavily flared to minimize port noise during high-volume passages.

MEDIUM ROUND

VP6R BPC

SPECIFICATIONS

Speaker Match: Ships with Visual Performance grille

Cutout Diameter: 8 1/4" (210mm)

Ships with grille.



PART# 92870
QUANTITY EACH

MEDIUM SQUARE

VP6S BPC

SPECIFICATIONS

Speaker Match: Ships with Visual Performance grille

Cutout Dims. (W x H): 8 1/4" x 8 1/4" (210mm x 210mm)

Ships with grille.



PART# 92871
QUANTITY EACH

SMALL ROUND

VP4R BPC

SPECIFICATIONS

Speaker Match: Visual Performance Series Small round speakers

Cutout Diameter: 5 7/8" (149mm)

Ships with grille.



PART# 92868
QUANTITY EACH

SMALL SQUARE

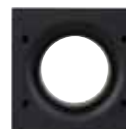
VP4S BPC

SPECIFICATIONS

Speaker Match: Visual Performance Series Small square speakers

Cutout Dims. (W x H): 5 5/8" x 5 5/8" (143mm x 143mm)

Ships with grille.



PART# 92869
QUANTITY EACH

VISUAL PERFORMANCE SERIES LCR HOME THEATER SPEAKERS

VISUAL PERFORMANCE LEFT, CENTER AND RIGHT HOME THEATER SPEAKER

Sonance Offers a wide range of options for any situation. In Addition the the SONANCE Cinema Series, the visual performance series offers outstanding audio quality in a home theater setting. The Visual Performance series line of home theater speakers is designed for rooms with a smaller footprint or tighter installation areas. One-piece,trimless, low-profile magnetic grille • Simplified Paining process • Outstanding frequency response and a perfect compliment to The Visual Performance SUR Home Theater speakers



PART# 92724
QUANTITY EACH

VP67 LCR

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled
Woofer:	Two 6½" (165mm) coated carbon fiber cones with rubber surrounds, extended pole pieces
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Adjustments:	±3dB tweeter level
Grille:	Perforated steel
Grille Dims. (W x H x D):	16½" x 8¾" x 3⅞" (410mm x 213mm x 91mm)
Cut-Out Dims. (W x H):	14½" x 6⅞" (368mm x 175mm)
Shipping Weight:	8 lbs (3.6kg) each

VISUAL PERFORMANCE SERIES SURROUND HOME THEATER SPEAKERS

SPECIAL FEATURES

Designed to compliment the VP67 LCR, the Surround Home Theater Speakers are the preferred choice for side walls and rear walls.

VP85R SUR — SURROUND

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofer:	8" (203mm) long-throw carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz $\pm$ 3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	20 lbs (9.0kg) pair

For accessories, see "Visual Performance series large round speaker accessories" on page 25.



PART#	92867
QUANTITY	PAIR

VP65R SUR — SURROUND

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, in acoustic back chamber
Woofer:	6 $\frac{1}{2}$ " (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ " (248mm x 121mm)
Cut-Out Diameter:	8 $\frac{1}{4}$ " (210mm)
Shipping Weight:	5 lbs (2.3kg) pair

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART#	92732
QUANTITY	PAIR

VP65S SUR — SURROUND

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 $\frac{1}{2}$ " (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9 $\frac{7}{8}$ " x 9 $\frac{7}{8}$ " x 4 $\frac{3}{4}$ " (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8 $\frac{1}{4}$ " x 8 $\frac{1}{4}$ " (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART#	92733
QUANTITY	PAIR

VISUAL PERFORMANCE MEDIUM LCR SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium LCR grille	92806	123	each
Medium LCR Flex bracket	92475	133	each
Medium LCR retrofit enclosure	92836	140	each

Accessory Matrix for Visual Performance Series Speakers

SPEAKER MODEL	ACCESSORY							
	PART #	PAGE #						
	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
VP89	92614	123	92246	133	901067	134	91708	138
VP87	92614	123	92246	133	901067	134	91708	138
VP85	92614	123	92246	133	901067	134	91708	138
VP85 W	92614	123	92246	133	901067	134	91708	138
VP89R	92615	123	92247	133	--		91900	138
VP87R	92615	123	92247	133	--		91900	138
VP85R	92615	123	92247	133	--		91900	138
VP85R W	92615	123	92247	133	--		91900	138
VP85S	92616	123	92801	133	--		92481	138
VP85S W	92616	123	92801	133	--		92481	138
	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
VP69	92611	123	92336	133	900651	134	91687	138
VP67	92611	123	92336	133	900651	134	91687	138
VP65	92611	123	92336	133	900651	134	91687	138
VP65 TL	92611	123	92336	133	900651	134	91687	138
VP65 SST	92611	123	92336	133	900651	134	91687	138
VP65 XT	92812	124	92336	133	900651	134	91687	138
VP69R	92612	123	92337	133	901049	134	91688	139
VP67R	92612	123	92337	133	901049	134	91688	139
VP65R	92612	123	92337	133	901049	134	91688	139
VP65R TL	92612	123	92337	133	901049	134	91688	139
VP65R SST	92612	123	92337	133	901049	134	91688	139
VP65R SUR	92612	123	92337	133	901049	134	91688	139
VP65R XT	92813	124	92337	133	901049	134	91688	139
VP65R SST XT	92813	124	92337	133	901049	134	91688	139
VP65S	92613	123	92344	133	--		92474	139
VP65S TL	92613	123	92344	133	--		92474	139
VP65S SST	92613	123	92344	133	--		92474	139
VP65S SUR	92613	123	92344	133	--		92474	139
VP67 lcr	92806	123	92475	133	--		--	
	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
VP45	92608	123	92470	133	--		--	
VP45R	92609	123	92471	133	--		--	
VP45S	92610	123	92472	133	--		92449	139

RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
92242	140	--		92244	132	--		91703	143
92242	140	--		92244	132	--		91703	143
92242	140	--		92244	132	--		91703	143
--		--		92244	132	--		91703	143
92243	140	92808	142	92245	132	--		--	
92243	140	92808	142	92245	132	--		--	
92243	140	92808	142	92245	132	--		--	
--		92808	142	--		--		--	
92243	140	92808	142	--		--		--	
--		92808	142	--		--		--	
RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
92342	140	92807	142	92334	132	92066	134	91703	143
92342	140	92807	142	92334	132	92066	134	91703	143
92342	140	92807	142	92334	132	92066	134	91703	143
92342	140	92807	142	92334	132	92066	134	91703	143
92342	140	92807	142	92334	132	92066	134	91703	143
92342	140	92807	142	92334	132	92066	134	91703	143
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		91703	143
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	--		--		--	
92343	140	92808	142	--		--		91703	143
92343	140	92808	142	--		--		--	
92343	140	92808	142	--		--		--	
--		--		--		--		--	
RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
92442	140	92807	142	--		92067	134	91703	143
92443	140	92808	142	--		--		91703	143
92453	140	92808	142	--		--		91703	143

CINEMA SERIES

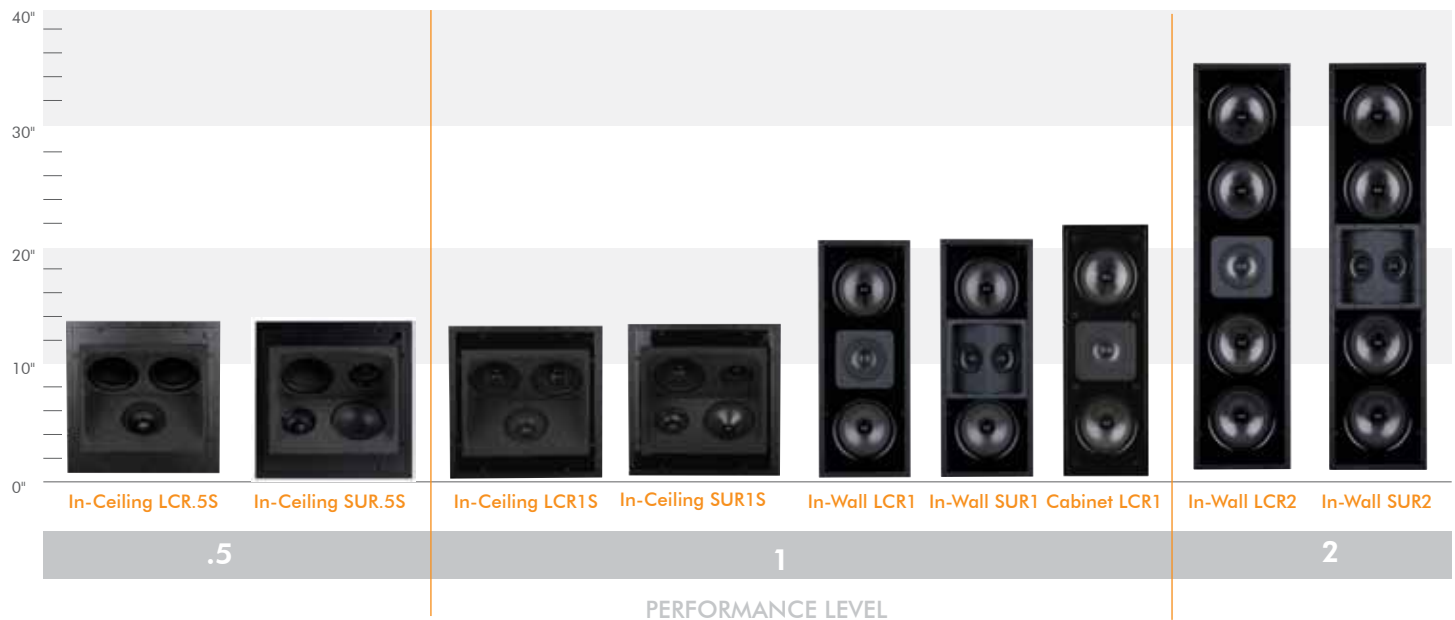
Like you, we are incredibly avid movie fans. We know you're on the edge of your seat for every explosion, splash, crash, cry, scream and squeal. With Sonance Cinema® Series home theater solutions, music, special effects, and dialogue are reproduced perfectly without cluttering your home theater. Sonance home theater solutions deliver every whisper of sound and every note of the soundtrack with perfect clarity... just as it was intended.



CINEMA LIVING

The Ideal Choice For Any Home Theater

The screen may command attention, but the quality of the sound system is what creates the home theater experience. Sonance Cinema Series offers the range of options needed to ensure astounding acoustics everywhere in the room, while also providing the flexibility to seamlessly complement the overall room design.



Micro-trim grille design

The Sonance Cinema Series speakers feature Visual Performance grilles that effortlessly blend into the home theater – letting you focus on the movie experience and not the speakers.



Coaxial midrange / tweeter drivers

The Cinema LCR and SUR speakers feature a unique coaxial midrange/high frequency driver. The midrange driver features a low profile cone that does not compromise the performance of the tweeter mounted in its center. This arrangement results in extremely consistent off-axis frequency response that provides the same reference-quality sound to every listener, not just those sitting in the “sweet spot”.



Dual and Quad woofers

The Cinema Series speakers feature two woofers in the LCR1 and SUR1 and four woofers in the LCR2 and SUR2. In a typical installation, using a single woofer speaker reflections off the floor and ceiling can cause dips in the frequency response up to 6dB. With a dual woofer speaker, these dips are minimized since the two woofers will be unequal distance from these reflective surfaces. In a dual, or quad woofer speaker, 3dB is the maximum amount of cancellation that can occur. This, combined with the coaxial driver, produces a speaker with the highest degree of sonic accuracy and the lowest room placement sensitivity.



Laminated cones

The midrange and woofer drivers both have cones featuring a laminate of carbon fiber and Rohacell. These two materials combine to make a cone that is very light, non-resonant and extremely stiff. Additionally, the density of the cone material prevents sound produced by the back of the drivers from being transmitted through the cone material, a common problem with less dense material.



Integrated 3/4" medium density fiberboard (MDF) enclosure

All of the Cinema Series models feature an integrated enclosure made from thick 3/4" thick MDF. The enclosure's density and rigidity prevents sound leakage from the speaker's rear, minimizing sound intrusion into adjacent spaces. In addition, the MDF is non-resonant, which minimizes the sonic colorations that can rob film soundtracks of clarity and impact.



Enclosure dampening material

To minimize the transfer of vibrational energy from the Cinema enclosure to its surrounding wall, the inner surfaces of the enclosure are lined with a visco-elastic dampening laminate. This dampening material turns the vibrational energy into heat that is then dissipated inside the enclosure.



Die-cast baskets

All the woofer and midrange drivers feature custom die-cast aluminum baskets for maximum rigidity. These baskets not only keep the placement of the voice consistent, but they are also non-ferrous and do not drain any of the magnetic field away from the driver's motor system.

CINEMA SERIES IN-WALL SPEAKERS

SPECIAL FEATURES

• Carbon fiber/Rohacell® laminated midrange and woofer drivers deliver state-of-the-art performance and consistent sonic signature • Silk dome tweeters provide the clearest possible highs • One-piece, micro-trim, low-profile magnetic grille • Grille features simple one-step paint process • Non-resonant, integrated ¾" MDF enclosures promote natural, uncolored sound while minimizing sound spillover into adjacent rooms • Die-cast aluminum woofer and midrange baskets reduce resonances • Available in two configurations — the LCR2 and SUR2 utilize four woofers for the largest home theaters, while the LCR1 and SUR1 have two woofers for home theater designs up to 3000 cubic feet.



PART# 92497
QUANTITY EACH

CINEMA LCR2

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofer:	Four 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 200 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅞" x 34⅞" x 3⅞" (225mm x 886mm x 98mm)
Cut-Out Dims. (W x H):	7½" x 33½" (191mm x 851mm)
Shipping Weight:	29 lbs (13.2kg) each



PART# 92498
QUANTITY EACH

CINEMA SUR2

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Woofer:	Four 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 200 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅞" x 34⅞" x 3⅞" (225mm x 886mm x 98mm)
Cut-Out Dims. (W x H):	7½" x 33½" (191mm x 851mm)
Shipping Weight:	29 lbs (13.2kg) each

CINEMA SERIES IN-WALL SPEAKERS

CINEMA LCR1

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofers:	Two 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅞" x 21¾" x 3⅞" (225mm x 553mm x 98mm)
Cut-Out Dims. (W x H):	7½" x 20½" (191mm x 521mm)
Shipping Weight:	19 lbs (8.6kg) each



PART#	92495
QUANTITY	EACH

CINEMA SUR1

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Woofers:	Two 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8⅞" x 21¾" x 3⅞" (225mm x 553mm x 98mm)
Cut-Out Dims. (W x H):	7½" x 20½" (191mm x 521mm)
Shipping Weight:	19 lbs (8.6kg) each



PART#	92496
QUANTITY	EACH

SONANCE CINEMA LCR1, LCR2, SUR1, SUR2 ACCESSORIES

	Part #	Page#	QTY
Cinema LCR1/SUR1 grille	92690	127	each
Cinema LCR2/SUR2 grille	92691	127	each
Cinema LCR1/SUR1 Flex bracket	92499	135	each
Cinema LCR2/SUR2 Flex bracket	92500	135	each

NOTE: No enclosures needed — Sonance Cinema speakers feature integrated, sealed backboxes.

CINEMA SERIES IN-CEILING SPEAKERS

CINEMA SERIES IN-CEILING SPEAKERS

Sonance Cinema® Series in-ceiling speakers deliver film soundtracks and music with reference clarity and realism, even in the largest home theater rooms. These all-new home theater speakers combine elegant, modern style with uncompromised in-ceiling home theater performance. The all new micro-trim grilles, 0.20" (5mm) of trim, give the Cinema Series a clean, sleek appearance that seamlessly integrates into any designed space. Music, special effects, and dialogue are reproduced perfectly without cluttering your home theater with imposing speaker boxes. Sonically matched to Cinema Series in-wall and cabinet speakers for installation flexibility.



PART# 92810
QUANTITY EACH

CINEMA LCR1S

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled
Midrange: 4" (100mm) carbon fiber/Rohacell lam. cone, rubber surrounds
Woofer: Two 5 1/4" (133mm) carb. fiber/Rohacell lam. cone, rubber surrounds
Frequency Response: 70Hz – 20kHz ±3dB
Impedance: 6 ohms nominal; 4 ohms minimum
Power Handling: 5 watts minimum; 150 watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H): 12 3/8" x 12 3/8" (314mm x 314mm)
Shipping Weight: 15 lbs (7.0kg) each



PART# 92811
QUANTITY EACH

CINEMA SUR1S

SPECIFICATIONS

Tweeter: Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange: Two 3" (76mm) carb. fiber/Rohacell lam. cones, rubber surrounds
Woofer: Two 5 1/4" (133mm) carb. fiber/Rohacell lam. cones, rubber surrounds
Frequency Response: 70Hz – 20kHz ±3dB
Impedance: 6 ohms nominal; 4 ohms minimum
Power Handling: 5 watts minimum; 150 watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H): 12 3/8" x 12 3/8" (314mm x 314mm)
Shipping Weight: 15 lbs (7.0kg) each



PART# 92809
QUANTITY EACH

CINEMA LCR.5S

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled
Midrange: 4" (100mm) polypropylene cone with rubber surround
Woofer: Two 5 1/4" (133mm) polypropylene cones, rubber surrounds
Frequency Response: 70Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 125 watts maximum
Sensitivity: 88dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H): 12 3/8" x 12 3/8" (314mm x 314mm)
Shipping Weight: 13 lbs (6.0kg) each



PART# 92893
QUANTITY EACH

CINEMA SUR.5S

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled
Midrange: Two 3" (76mm) polypropylene cones with rubber surrounds
Woofer: Two 5 1/4" (133mm) polypropylene cones with rubber surrounds
Frequency Response: 70Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 125 watts maximum
Sensitivity: 88dB SPL (2.83V/1 meter)
Grille: Perforated steel
Dimensions (W x H x D): 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H): 12 3/8" x 12 3/8" (314mm x 314mm)
Shipping Weight: 13 lbs (6.0kg) each

CINEMA SERIES CABINET SPEAKER

CINEMA SERIES CABINET SPEAKERS

Sonance Cinema® Series Cabinet speakers deliver film soundtracks and music with reference clarity and realism, even in the largest home theater rooms. These all-new home theater speakers combine elegant, modern style with uncompromised home theater performance. Music, special effects, and dialogue are reproduced perfectly without cluttering your home theater with imposing speaker boxes. The new Cinema Cabinet LCR is designed to provide outstanding performance in a home theater system. The advanced custom-designed drivers, crossover and full MDF enclosure combine to reproduce wide dynamic range film soundtracks and music with startling clarity and realism. Sonically matched to both Cinema in-wall and in-ceiling speakers, the Cinema cabinets provide install flexibility when needed.

CINEMA CABINET LCR1

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofer:	Two 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Black cloth
Dimensions (W x H x D):	6" x 22" x 9⅛" (153mm x 559mm x 230mm)
Shipping Weight:	25 lbs (11.4kg) each



PART#	92829
QUANTITY	EACH

SONANCE CABINET SPEAKER ACCESSORIES

	Part #	Page#	QTY
Cinema Cabinet LCR1 grille	92883	128	each

SONANCE CINEMA IN-CEILING SPEAKER ACCESSORIES

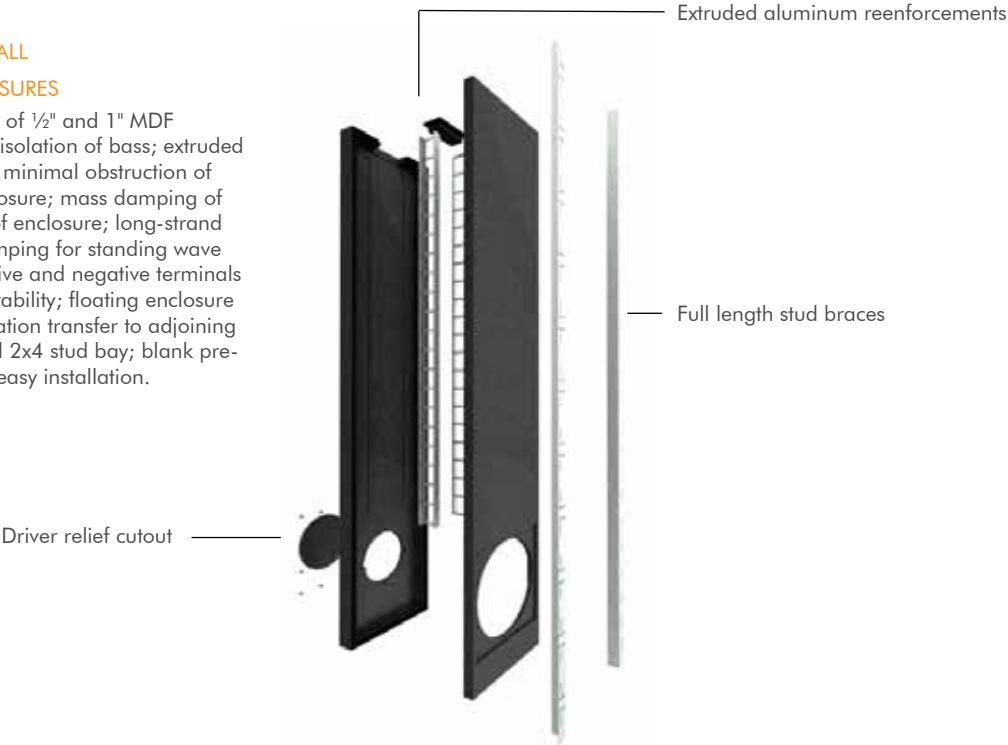
	Part #	Page#	QTY
Cinema LCR1S/SUR1S/LCR.5S/SUR.5S ceiling square grille	92882	128	each
Cinema ceiling Flex bracket	92800	135	each

NOTE: No enclosures needed — Sonance Cinema speakers feature integrated, sealed backboxes.

CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES

CINEMA SERIES IN-WALL
SUBWOOFER ENCLOSURES

feature a combination of 1/2" and 1" MDF materials for superior isolation of bass; extruded aluminum bracing for minimal obstruction of airflow inside the enclosure; mass damping of front and back walls of enclosure; long-strand fiberglass internal damping for standing wave dissipation; dual positive and negative terminals for maximum wire durability; floating enclosure design minimizes vibration transfer to adjoining rooms; fits in standard 2x4 stud bay; blank pre-construction plate for easy installation.



PART# 92875
QUANTITY EACH

CINEMA SUB12-500 ENCLOSURE

SPECIFICATIONS	
Internal Volume	1.20 cubic feet (34.3 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB12-500 only
Enclosure Dimensions (WxHxD)	14 1/4" x 70 7/8" x 3 7/16" (362mm x 1800mm x 87mm)
Mounting Depth	3 3/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included



PART# 92874
QUANTITY EACH

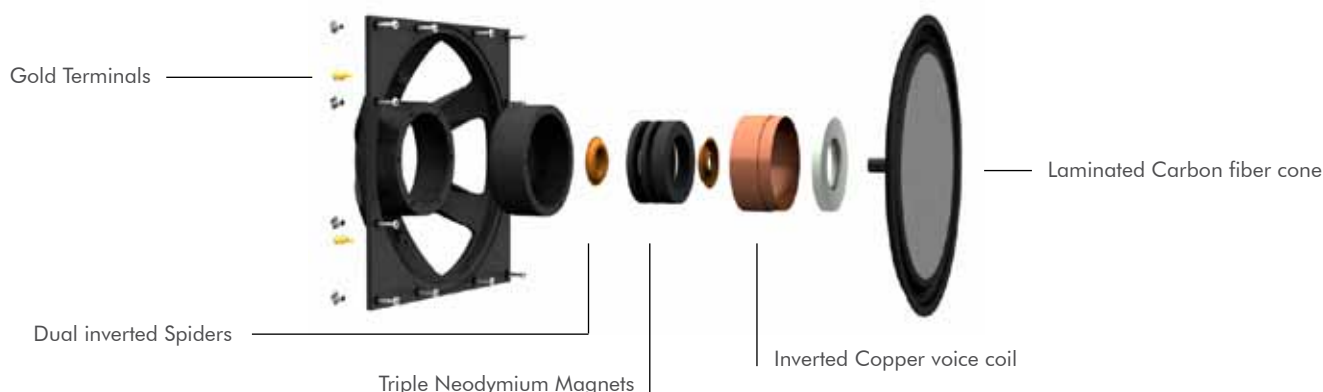
CINEMA SUB10-250 ENCLOSURE

SPECIFICATIONS	
Internal Volume	.80 cubic feet (22.6 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB10-250 only
Enclosure Dimensions (WxHxD)	14 1/4" x 47 1/4" x 3 7/16" (362mm x 1200mm x 87mm)
Mounting Depth	3 3/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included

CINEMA SERIES IN-WALL SUBWOOFER DRIVERS

CINEMA SERIES SUBWOOFER DRIVERS

New Cinema Series In-Wall Subwoofer line offers true home theater performance in a package that will fit in normal 2' x 4' stud walls. Available in 12" woofer / 500 watt and 10" woofer / 250 watt models. The Cinema In-Wall Subwoofer systems are sold in three pieces (for easy installation stage ordering); in-wall enclosure, subwoofer driver/grille and separate amplifier.



CINEMA SUB12-500

SPECIFICATIONS

Woofer	12" (305mm) laminated carbon fiber cone, rubber surround
Frequency Response	25Hz - 250Hz $\pm$ 3dB
Impedance	8 ohms nominal
Sensitivity	90dB (2.83V/1) meter
Grille	Perforated steel
Requirement	Requires Cinema SUB12-500 acoustic enclosure and Cinema SUB12-500D amplifier, each sold separately.
Dimensions Woofer (WxHxD)	12 ³ / ₈ " x 12 ³ / ₈ " x 3 ⁵ / ₃₂ " (314mm x 314mm x 80.2mm)
Dimensions Grille (WxHxD)	15" x 15" x ⁵ / ₃₂ " (381mm x 381mm x 4mm)

NOTE: Includes Grille.



PART# 92873
QUANTITY EACH

CINEMA SUB10-250

SPECIFICATIONS

Woofer:	10" (254mm) laminated carbon fiber cone with a rubber surround
Frequency Response:	30Hz - 250Hz $\pm$ 3dB
Impedance:	8 ohms nominal
Sensitivity:	88dB (2.83V/1) meter
Grille:	Perforated steel
Requirement:	Requires Cinema SUB10-250 acoustic enclosure, sold separately. Requires Cinema SUB10-250D amplifier, sold separately.
Dimensions Woofer (WxHxD):	10 ⁷ / ₁₆ " x 10 ⁷ / ₁₆ " x 3 ⁵ / ₃₂ " (265mm x 265mm x 80.2mm)
Dimensions Grille (WxHxD):	13 ¹ / ₁₆ " x 13 ¹ / ₁₆ " x ⁵ / ₃₂ " (332mm x 332mm x 4mm)

NOTE: Includes Grille.



PART# 92872
QUANTITY EACH

SONANCE CINEMA SERIES IN-WALL SUBWOOFER ACCESSORIES

	Part #	Page#	QTY
Replacement Grille Cinema Sub 12-500 Subwoofer and 10-250 Retro Sub	92895	127	each
Replacement Grille Cinema Sub 10-250 Subwoofer*	92894	127	each

*NOTE: Not compatible with 10-250 Retro Sub. Must use 12-500 replacement Grille

SONANCE CINEMA IN-WALL SUB12-500D AMPLIFIER

SPECIFICATIONS

Output Power RMS:	400 Watts @ 8 ohms (1% THD, 26hz) 660 Watts @ 4 ohms (1% THD, 26hz)
Output Power Peak:	446 Watts @ 8 ohms (4% THD, 26hz) 776 Watts @ 4 ohms (6% THD, 26hz)
AC Fuse:	120v Model - 12 amp (T12A ~ 250V) 230v Model - 8 amp (T8A ~ 250V)
AC Power Consumption:	985w @ 4 ohms (sine wave, full power) 564w @ 4 ohms (music, full power) 45w idle (no signal)
Heat Output:	183 BTU/HR @ 8 ohms (music, full power) 285 BTU/HR @ 4 ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/22kHz A-wtg. filter)
Line Input Impedance:	600 ohms
Line Output Impedance:	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave
Low-Pass Crossover Freq	(BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, phase switch, bypass switch
Dimensions (W x H x D):	16 ³ / ₄ " x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (425mm x 98mm x 343mm)
RMF Dimensions (W x H x D):	19" x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (483mm x 98mm x 343mm)
Rack Space Requirement:	2U, Rack ears included
Certifications:	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each



PART# (120V) 92877
PART# (230V) 92879
QUANTITY EACH



CINEMA SERIES IN-WALL AMPLIFIERS

SONANCE CINEMA IN-WALL SUB10-250D AMPLIFIER

SPECIFICATIONS

Output Power RMS:	230 Watts @ 8 ohms (1% THD, 32hz) 370 Watts @ 4 ohms (1% THD, 32hz)
Output Power Peak:	260 Watts @ 8 ohms (7% THD, 32hz) 470 Watts @ 4 ohms (8% THD, 32hz)
AC Fuse:	120v Model - 8 amp (T8A ~ 250V) 230v Model - 6.3 amp (T6.3A ~ 250V)
AC Power Consumption:	588w @ 4 ohms (sine wave, full power) 396w @ 4 ohms (music, full power) 22w idle (no signal)
Heat Output:	102 BTU/HR @ 8 ohms (music, full power) 183 BTU/HR @ 4 ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/22kHz A-wtg. Filter)
Line Input Impedance:	600 ohms
Line Output Impedance:	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave
Low-Pass Crossover Freq	(BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, Phase switch, Bypass switch
Dimensions (W x H x D):	16 ³ / ₄ " x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (425mm x 98mm x 343mm)
RMF Dimensions (W x H x D):	19" x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (483mm x 98mm x 343mm)
Rack Space Requirement:	2U, Rack ears included
Certifications:	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each



PART# (120V)	92876
PART# (230V)	92878
QUANTITY	EACH



CINEMA SERIES IN-WALL SUBWOOFER SYSTEM PACKAGES



Complete in-wall subwoofer systems. Includes two in-wall woofers, two in-wall enclosures, and one amplifier capable of driving both woofers. Available for both 12-500 and 10-250 systems in 120V or 230V. Specifications are listed under the individual system components on previous pages..

CINEMA SUB10-250 IN-WALL SYSTEM

PART# (120V)	92897
QUANTITY	EACH

PART# (230V)	92898
QUANTITY	EACH

CINEMA SUB12-500 IN-WALL SYSTEM

PART# (120V)	92896
QUANTITY	EACH

PART# (230V)	92899
QUANTITY	EACH

CINEMA SERIES RETROFIT SUBWOOFERS

CINEMA SERIES IN-WALL RETROFIT SUBWOOFER

The Cinema Series Retrofit Subwoofer is designed for tight spaces and ease of install. Built to the same exacting standards as the 10-250 and 12-500 the retrofit sub will satisfy and bass requirement.



PART# 92951
QUANTITY EACH

CINEMA SUB10-250 RETRO

SPECIFICATIONS

Woofer:	10" (254mm) laminated carbon fiber cone with a rubber surround
Frequency Response:	30Hz - 250Hz $\pm$ 3dB
Impedance:	8 ohms nominal
Sensitivity:	88dB (2.83V/1) meter
Grille:	Perforated steel
Requirement:	Requires Cinema SUB10-250D Retrofit amplifier, sold separately.
Dimensions Woofer (WxHxD):	10 ⁷ / ₁₆ " x 10 ⁷ / ₁₆ " x 3 ⁵ / ₃₂ " (265mm x 265mm x 80.2mm)
Dimensions Grille (WxHxD):	13 ¹ / ₁₆ " x 13 ¹ / ₁₆ " x 5 ⁵ / ₃₂ " (332mm x 332mm x 4mm)

CINEMA SERIES RETROFIT SUBWOOFER AMPLIFIER

CINEMA IN-WALL SUB10-250 RETRO AMPLIFIER

SPECIFICATIONS

Output Power RMS:	230 Watts @ 8 ohms (1% THD, 32hz) 370 Watts @ 4 ohms (1% THD, 32hz)
Output Power Peak:	260 Watts @ 8 ohms (7% THD, 32hz) 470 Watts @ 4 ohms (8% THD, 32hz)
AC Fuse:	120v Model - 8 amp (T8A ~ 250V) 230v Model - 6.3 amp (T6.3A ~ 250V)
AC Power Consumption:	588w @ 4 ohms (sine wave, full power) 396w @ 4 ohms (music, full power) 22w idle (no signal)
Heat Output:	102 BTU/HR @ 8 ohms (music, full power) 183 BTU/HR @ 4 ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/22kHz A-wtg. Filter)
Line Input Impedance:	600 ohms
Line Output Impedance:	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave
Low-Pass Crossover Freq	(BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, Phase switch, Bypass switch
Dimensions (W x H x D):	16 ³ / ₄ " x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (425mm x 98mm x 343mm)
RMF Dimensions (W x H x D):	19" x 3 ⁷ / ₈ " x 13 ¹ / ₂ " (483mm x 98mm x 343mm)
Rack Space Requirement:	2U, Rack ears included
Certifications:	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each



PART# (120V) 92952
PART# (230V) 92953
QUANTITY EACH



CINEMA SERIES CABINET SUBWOOFERS

SUB12-250 CABINET SUBWOOFER

SPECIFICATIONS

Woofer:	12" (305mm) anodized aluminum cone with a rubber surround
Frequency Response:	22Hz - 250Hz ± 3 dB
Amplifier Power:	250 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	15" x 18" x 16" (381mm x 457mm x 406mm)
Shipping Weight:	70 lbs (31.5kg) each



PART# (120V)	92365
PART# (230V)	92368
QUANTITY	EACH

SUB10-150 CABINET SUBWOOFER

SPECIFICATIONS

Woofer:	10" (254mm) anodized aluminum cone with a rubber surround
Frequency Response:	28Hz - 250Hz ± 3 dB
Amplifier:	150 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	14" x 16" x 14" (355mm x 406mm x 355mm)
Shipping Weight:	60 lbs (27kg) each



PART# (120V)	92364
PART# (230V)	92367
QUANTITY	EACH

SUB8-100 CABINET SUBWOOFER

SPECIFICATIONS

Woofer:	8" (203mm) anodized aluminum cone with a rubber surround
Frequency Response:	35Hz - 250Hz ± 3 dB
Amplifier:	100 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	12" x 14" x 12" (305mm x 355mm x 305mm)
Shipping Weight:	40 lbs (18kg) each



PART# (120V)	92363
PART# (230V)	92366
QUANTITY	EACH

SONANCE CABINET SUBWOOFER ACCESSORIES

	Part #	Page#	QTY
SUB12-250 Cabinet Subwoofer grille	142662	130	each
SUB10-150 Cabinet Subwoofer grille	142661	131	each
SUB8-100 Cabinet Subwoofer grille	142660	131	each

ACCESSORY MATRIX FOR CINEMA SERIES SPEAKERS

SPEAKER MODEL	ACCESSORY	
	PART #	PAGE #

CINEMA SERIES IN-WALL SPEAKERS

	METAL GRILLE		CLOTH GRILLE		FLEX BRACKET
LCR1 / SUR1	92690	127	--		92499 135
LCR2 / SUR2	92691	127	--		92500 135

CINEMA SERIES IN-CEILING SPEAKERS

	METAL GRILLE		CLOTH GRILLE		FLEX BRACKET
LCR1S/.5S/SUR1S/.5S	92882	128	--		92800 135

CINEMA SERIES IN-WALL WOOFERS

	GRILLE		ENCLOSURE		AMPLIFIER
CINEMA SUB12-500	92895	127	92876 56 92877		58
CINEMA SUB10-250	92894	127	92874 56 92876		59

CABINET SUBWOOFERS

	METAL GRILLE		CLOTH GRILLE
SUB12-250	--		142662 130
SUB10-150	--		142661 131
SUB8-100	--		142660 131

For Visual Performance Home Theater Solutions, visit page 46

For Original Series Home Theater Solutions, visit page 92



SLS

Sonance Landscape Series uses strategically placed “satellite” speakers that are hidden within garden beds or amongst the foliage of trees. A subwoofer enclosure is then buried under ground or within shrubs, with just an earth-colored hood dispersing sound perfectly. It’s all about blending discreetly into the surroundings.



SLS SATELLITES

LANDSCAPE SERIES SATELLITES

The new standard in landscape audio. The Sonance Landscape Series Satellites deliver audiophile quality and durability never before seen in an outdoor loudspeaker. The LS47SAT and LS67SAT have an 60° sound cone and tremendous frequency response. Integrated 70volt transformer allow for daisy chain installation greatly simplifying the installation process

LS47SAT

SPECIFICATIONS

Tweeter:	75" (19mm) polycarbonate dome
Woofers:	3-1/2" (89mm) polypropylene cone with a rubber surround
Frequency Response:	80Hz - 20KHz ± 3 dB
Power Required:	25 watts
Enclosure Material:	Non-corrosive sealed enclosure
Listening Area:	60° coverage, 10' to 50' recommended
Speaker Input:	70 volts
Dimensions:	6.5" L x 4.125" Dia
Shipping Weight:	2.5 lbs (1.2 kg)



PART# 92934
QUANTITY EACH

For Accessories see page 67

LS67SAT

SPECIFICATIONS

Tweeter:	.75" (19mm) polycarbonate dome
Woofers:	6" (152mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz - 20KHz ± 3 dB
Power Required:	25 watts
Enclosure Material:	Non-corrosive sealed enclosure
Listening Area:	60° coverage, 10' to 50' recommended
Speaker Input:	70 volts
Dimensions:	10.25" L x 6.70" Dia
Shipping Weight:	6 lbs (2.7 kg)

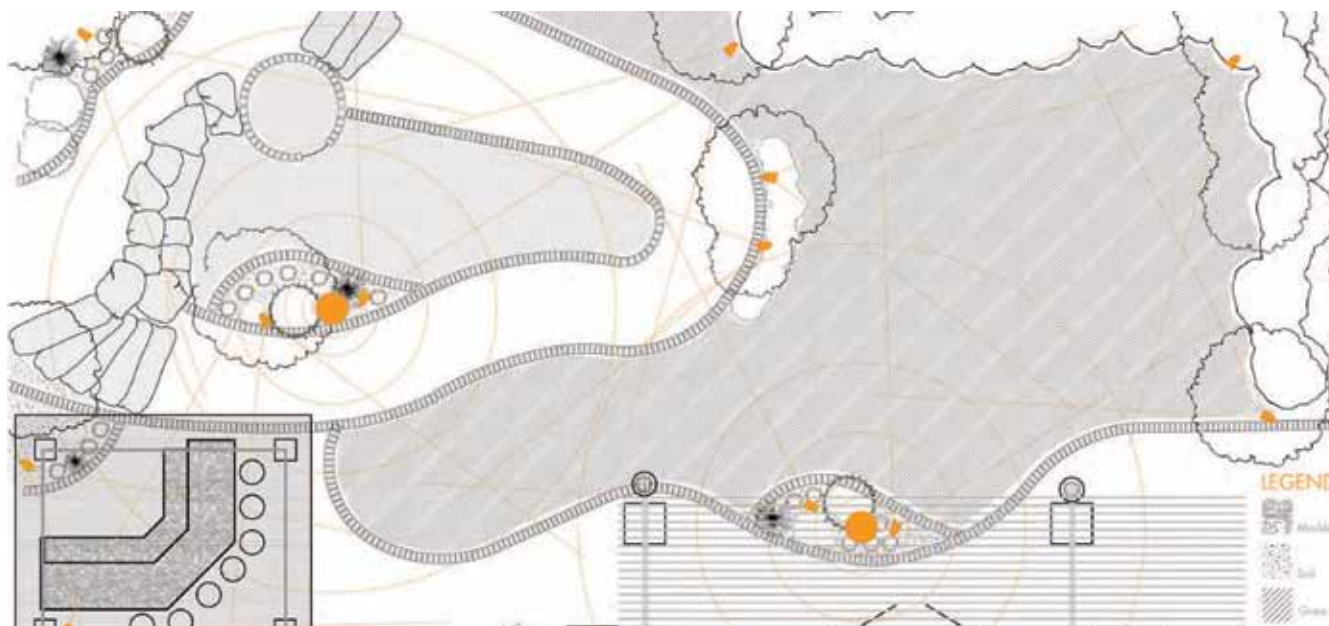


PART# 92933
QUANTITY EACH

For Accessories see page 67

SONANCE SLS DESIGN SERVICES

Sonance will help you customize your Landscape Series for your client. Simply call 1.800.582.0772 or email designservices@sonance.com. Provide a landscape plan or drawing and our team will layout a system to impress clients and fit within your budget.



SLS SUBWOOFERS

LANDSCAPE SERIES SUBWOOFER

The Sonance Landscape Series LS10SUB and LS12SUB are designed to acoustically compliment the Satellite speakers and deliver maximum bass response with the least amount of visual impact to your landscape.



PART# 92940
QUANTITY EACH

LS10SUB

SPECIFICATIONS

Woofers:	10" (254mm) polypropylene cone with a Santoprene rubber surround
Frequency Response:	35Hz – 100Hz ± 3 dB
Power Required:	100 watts
Enclosure Material:	1/2" (HDPE) Non-corrosive sealed enclosure
Crossover:	100Hz
Available Finishes:	Black enclosure, dark brown textured canopy
Dimensions:	Woofers Enclosure, 16" L x 12.4" Dia (406.4mm x 314.9mm) Canopy, 9.5" Dia x 4" H (241 mm x 101.6mm)
Shipping Weight:	54 lbs (24.5 kg)



PART# 92956
QUANTITY EACH

LS12SUB

SPECIFICATIONS

Woofers:	12" (305mm) polypropylene cone with a Santoprene rubber surround
Frequency Response:	25Hz – 80Hz ± 3 dB
Power Required:	200 watts
Enclosure Material:	1/2" (HDPE) Non-corrosive sealed enclosure
Crossover:	100Hz
Available Finishes:	Black enclosure, dark brown textured canopy
Dimensions:	Woofers Enclosure 19.84" L x 13.97" Dia (504mm x 355mm) Canopy 13.9" Dia x 7" H (353mm x 178mm)
Shipping Weight:	70 lbs (31.75 kg)

SLS HARDSCAPE SUBWOOFER

HARDSCAPE SERIES SUBWOOFER

Until now, there have been many challenges in achieving high quality audio in hardscape environments. The new HS10SUB Subwoofer delivers powerful deep bass frequencies that are the foundation of the SLS remarkable performance. The sealed (HDPVC) enclosure is installed above the ground and incorporated into an acoustically-favorable environment; including being built into outdoor furniture or underneath vented planter boxes. This unheard of versatility, coupled with unmatched performance, puts the HS10SUB Hardscape Subwoofer in a class unto itself. The HS10SUB is the perfect partner for the LS47SAT and LS67SAT Satellite Speakers, delivering high quality, high volume sound that is scalable for even the largest space.



PART# 92936
QUANTITY EACH

HS10SUB

SPECIFICATIONS

Woofers:	10" (254mm) polypropylene cone with a Santoprene rubber surround
Frequency Response:	35Hz – 100Hz ± 3 dB
Power Required:	100 watts
Enclosure Material:	HDPVC (High Density Polyvinyl Chloride) Non-corrosive sealed enclosure
Crossover:	100Hz
Available Finishes:	Dark brown textured enclosure
Dimensions:	Woofers Enclosure 13.5" L, 14" H, 13.5" D, (343mm x 356mm x 343mm)
Shipping Weight:	42 lbs (19 kg)

19" GROUND POST FOR LS67SAT & LS87SAT

SPECIFICATIONS

Length 19" (482mm)



PART# 92925
QUANTITY EACH

9" GROUND STAKE FOR LS47SAT

SPECIFICATIONS

Length 9" (228mm)



PART# 92924
QUANTITY EACH

TREE MOUNT FOR LS47SAT, LS67SAT AND LS87SAT



PART# 92927
QUANTITY EACH

SURFACE MOUNT FOR LS47SAT, LS67SAT AND LS87SAT

SPECIFICATIONS

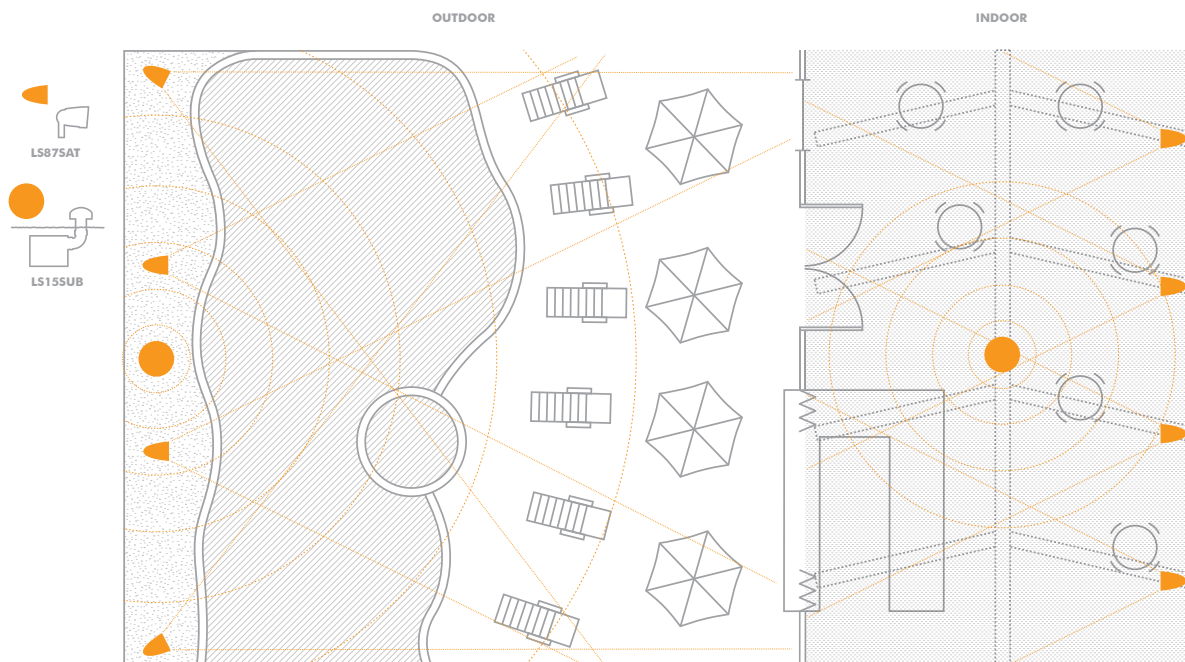
Dimensions: 2.875" Dia.(73mm)



PART# 92926
QUANTITY EACH

SLS HIGHOUTPUT

SLS High Output (LS87SAT and LS15SUB) is the perfect solution for large spaces requiring very high volume and even sound levels such as residential estates, resort gardens, or indoor installations including bars and clubs with vaulted ceilings. This state-of-the-art stereo Satellite and Subwoofer system is designed for playback volumes from background music to rock concert levels and is made of weatherproof materials that can withstand extreme environments.



SLS HIGH OUTPUT SATELLITE AND SUBWOOFER

SLS SATELLITE

The LS87SAT takes the SLS satellite speaker to a whole new level, with its horn loaded compression driver capable of delivering amazing sonic performance at extremely high SPLs. Perfect anywhere seeking evenly distributed sound at very high volumes including: large residential estates, resort gardens or indoors in bars or clubs with vaulted ceilings.

LS87SAT

SPECIFICATIONS

Tweeter:	1.0" (25.4mm) horn-loaded PEI dome
Woofers:	6.5" (165.1mm) polypropylene cone with Santoprene rubber surround
Frequency Response:	55Hz - 20kHz $\pm$ 3dB
Power Required:	50 watts
Max SPL:	110dB @ 1 meter @ 70v/50 watts
Enclosure Material:	Non-corrosive sealed enclosure
Listening Area:	60° coverage, 10' to 50' recommended
Speaker Input:	70 volts
Dimensions:	12.2" L x 8.0" Dia (309.9mm x 203.2mm)
Shipping Weight:	8.4 lbs (3.81 kg)

*Santoprene is a registered trademark of Advanced Elastomer Systems.



PART#	92977
QUANTITY	EACH

SLS SUBWOOFER

The LS15SUB sub-terranean subwoofer features a dual voice coil 15" driver that delivers extremely loud and clean bass through its discreet metal canopy. Capable of an incredible 117dB maximum SPL when combined in a system with four LS87SAT satellite speakers.

LS15SUB

SPECIFICATIONS

Woofers:	15" (381mm) polypropylene cone with Santoprene rubber surround
Frequency Response:	22Hz - 70Hz $\pm$ 3dB
Power Required:	400 watts, (200 watts per channel)
Max SPL:	117dB @ 1 meter with 200 watts per channel stereo input
Enclosure Material:	1/2" (HDPE) Non-corrosive sealed enclosure
Crossover:	100Hz
Available Finishes:	Black enclosure, dark brown textured canopy
Dimensions:	Woofer Enclosure - 22.64" L x 17.83" Dia (575mm x 453mm) Canopy - 13.9" Dia x 7" H (353mm x 178mm)
Shipping Weight:	96.1 lbs (43.6 kg)
Listening Area:	360° hemispherical

*Santoprene is a registered trademark of Advanced Elastomer Systems.



PART#	92984
QUANTITY	EACH

SLS HIGH OUTPUT PACKAGE

LS87SAT (4)
LS15SUB (1)
Crown CDi2000 Amp with SLS EQ

*NOTE: Does not include ground stakes.



PART#	92958
QUANTITY	PACKAGE

SONARRAY™

BY SONANCE

The SONARRAY SR1 SYSTEM is the perfect step up from rock and weatherproof cabinet speakers. Featuring eight 3.5" satellite speakers that are evenly distributed in an array across the perimeter of the backyard, along with an 8" dual voice coil in-ground subwoofer with a canopy that is hidden under foliage. The result is incredible sonic performance and even SPL throughout the space, eliminating dead zones and hot spots as well as reducing neighbor disturbance ... All while remaining out of sight.



SONARRAY SR1 SYSTEM PACKAGE

SPECIFICATIONS

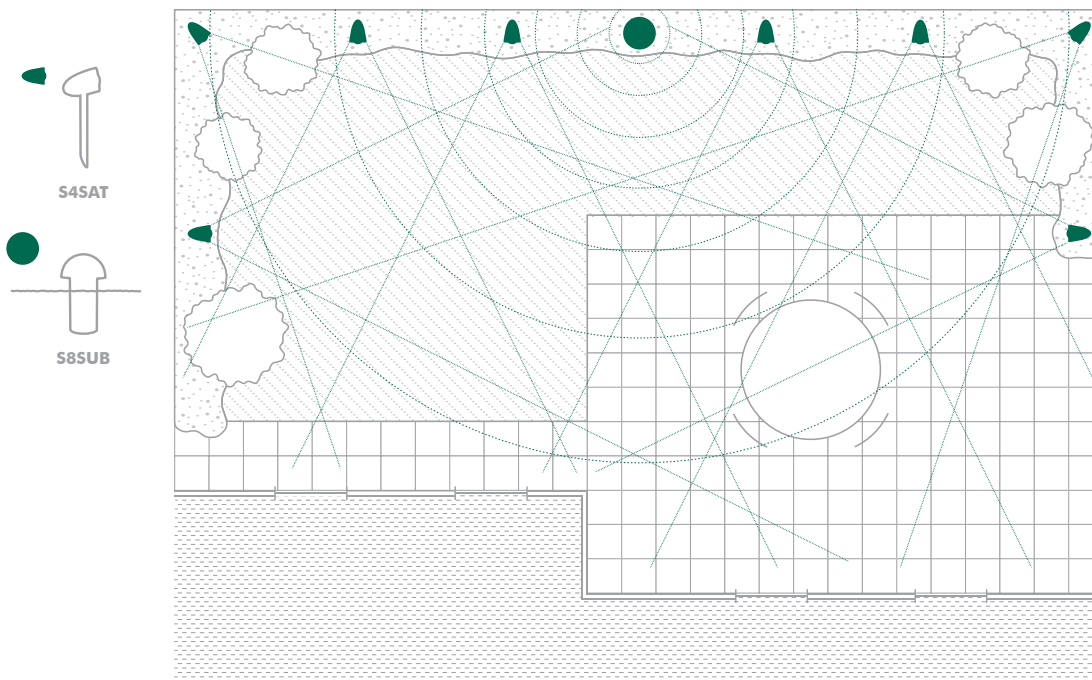
S4SAT (Quantity 8):	3.5" (98mm) anodized aluminum cone & Santoprene surround
S4SAT Dimensions:	6.5" L x 4.125" Dia. (165mm x 105mm)
S8SUB (Quantity 1):	8" (203mm) dual voice coil, poly cone & Santoprene surround
S8SUB Dimensions:	22" L x 15" Dia. (559mm x 381mm)
System Impedance:	8 ohms per channel nominal
Frequency Response:	40-20kHz +/- 3dB
Woofer Crossover:	100 Hz
Power Handling:	20 watts minimum - 100 watts system
SPL:	85dB and 89dB SPL (satellite and subwoofer respectively), 2.83V / 1 meter
Satellite Dispersion & Throw:	60° dispersion with an optimum listening area 8'-20' (2.4-6.1 meters) from the satellites
Placement Recommendations:	Satellites- 6'-8' (1.8-2.4 meters) apart along perimeter of listening area Woofer- The center of the 8 satellites
Enclosure Material:	Satellites- Non-corrosive sealed enclosures Woofer- (HDPE) non-corrosive sealed enclosure
Included Accessories:	Eight ground stakes, 24 silicone filled wire nuts
Listening Area:	Up to 2000 square feet (186 square meters)*
Wire Recommendations:	18 gauge – up to 100' (33 meters) 4 conductor, stranded, direct burial 16 gauge – up to 150' (50 meters) 4 conductor, stranded, direct burial 14 gauge – up to 250' (80 meters) 4 conductor, stranded, direct burial 12 gauge – up to 600' (192 meters) 4 conductor, stranded, direct burial

Specifications subject to change. Direct burial cable required (sold separately).

* Depending on property layout and dimensions.



PART#	92983
QUANTITY	PACKAGE



SURFACE MOUNT SERIES

We believe in the power of architecture to shape the way we live. Like you, we expect elegant solutions to complex design problems. So, we've created innovative products like the Surface Mount Series to give you high-performance loudspeakers that fit onto shared walls and shallow ceilings.

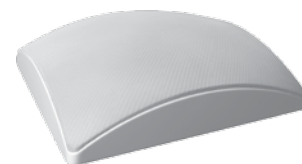
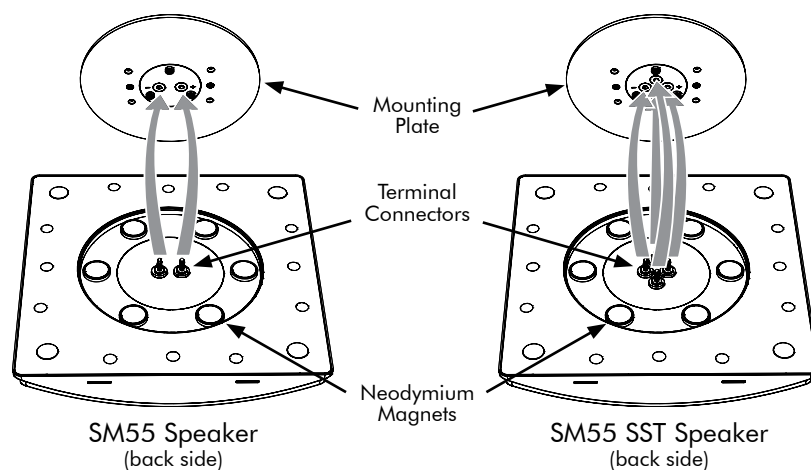


SURFACE MOUNT SPEAKERS

SONANCE SURFACE MOUNT SERIES SPEAKERS

Low-profile design ideal for installations that cannot accommodate in-ceiling or in-wall speakers. They are extremely simple to install: Connect the mounting plate to the speaker wire and screw the mounting plate to a junction box. The speaker attaches to the mounting plate via powerful neodymium magnets. The rotating mounting plate allows the SM55 and SM55 SST to be aligned with lighting fixtures or other décor features after installation. In the SM55 and SM55 SST, Sonance engineers have created speakers that sound great, yet are décor-friendly, easy to install, and do not require a mounting hole. A one-step paint process saves time compared to traditional flanged speakers. Sonance Surface Mount speakers are the perfect solution for those who demand quality sound but cannot use in-ceiling or in-wall speakers.

Installation Example:



SM55

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofers:	5 1/4" (133mm) carbon fiber cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	12 1/8" x 12 1/8" x 3 1/4" (308mm x 308mm x 83mm)
Shipping Weight:	9 lbs (4.1kg) per pair

SM55 PART# 92493
QUANTITY PAIR

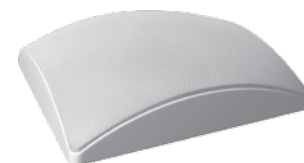
SM55 Mounting plate
(Sold Separately)
PART#.....92494
QUANTITY PAIR

SURFACE MOUNT SINGLE STEREO SPEAKERS

SM55 SST

specifications

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofers:	5 1/4" (133mm) carbon fiber cone with a rubber surround, dual voice coil
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	12 1/8" x 12 1/8" x 3 1/4" (308mm x 308mm x 83mm)
Shipping Weight:	5 lbs (2.3kg) each



SM55 SST PART# 92802
QUANTITY each

SM55 SST Mounting plate
(Sold Separately)
PART#.....92803
QUANTITY each

SM55/SM55 SST replacement GRILLE
PART# 92749
QUANTITY EACH

ORIGINAL SERIES

Since 1983, when Sonance introduced the first architectural high-fidelity loudspeaker for residential use, we have continued our relentless pursuit of perfection in acoustic performance, versatility, and reliability to meet the stringent demands of professional AV integrators. Original Series delivers classic architectural loudspeaker design with unrivaled performance, ease of installation, and selection. Our full line of loudspeakers and accessories represents one of the broadest portfolios in the industry, providing the integrator with the right solution for any situation.



ORIGINAL SERIES LARGE RECTANGLE SPEAKERS

SPECIAL FEATURES

Pivoting Sonic Eye directs sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Three-position tweeter adjustment switch fine-tunes performance to the room (832) • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Quick and easy installation with the Roto-Lock mounting system

832

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	Tweeter level (±3dB)
Dimensions (W x H x D):	9 ⁷ / ₈ " x 15 ¹⁵ / ₁₆ " x 3 ⁷ / ₈ " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# 92232
QUANTITY PAIR

831

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	9 ⁷ / ₈ " x 15 ¹⁵ / ₁₆ " x 3 ⁷ / ₈ " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 ¹ / ₂ " x 14 ¹ / ₂ " (216mm x 368mm)
Shipping Weight:	16 lbs.(7.3kg) pair



PART# 92231
QUANTITY PAIR

ORIGINAL SERIES LARGE RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series large rectangle metal grille	92289	124	1 pair
Large rectangle Flex bracket	92246	133	5 pair
Large rectangle wood acoustic enclosure	91708	138	each
Large rectangle retrofit enclosure	92242	140	1 pair
Large rectangle coverplate	92244	132	1 pair
Vapor barrier	91703	143	12 pair

ORIGINAL SERIES LARGE ROUND SPEAKERS

SPECIAL FEATURES

Quick and easy installation • Fully-pivoting woofer assembly and pivoting Sonic Eye direct sound at listeners for life-like stereo sound even when placement options are limited • Advanced driver materials deliver extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Graphite-Reinforced ABS (GRABS) woofer basket reduces resonances • Three-position tweeter adjustment switch (832R) • Exclusive new FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation • Paintable aluminum grilles



PART# 92236
QUANTITY PAIR

832R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	Tweeter level (±3dB)
Dimensions (Dia. x D):	11 ⁹ / ₁₆ " x 5 ⁷ / ₈ " (294mm x 149mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	20 lbs. (9kg) pair



PART# 92235
QUANTITY PAIR

831R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	None
Dimensions (Dia. x D):	11 ⁹ / ₁₆ " x 5 ⁷ / ₈ " (294mm x 149mm)
Cut-Out Diameter:	10 ¹ / ₈ " (257mm)
Shipping Weight:	16 lbs. (7.3kg) pair

ORIGINAL SERIES LARGE ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series large round grille	92290	121	1 pair
Original Series large round Flex bracket	92247	129	5 pair
Large round wood acoustic enclosure	91900	134	each
Large round and square retrofit enclosure	92243	136	1 pair
Fire-rated (listed) large round backcan	91908*	138	each
Fire-rated (listed) deep backcan	92808	138	each
Large round coverplate	92245	128	1 pair

*while supplies last

ORIGINAL SERIES MEDIUM RECTANGLE SPEAKERS

SPECIAL FEATURES

Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting tweeters direct sound at listeners • Low-resonance $\frac{3}{4}$ " MDF baffles and cast aluminum woofer baskets (625 & 624) • Optional retrofit molded enclosures reduce sound spillover into adjacent spaces • Roto-Lock clamps require less installation time than previous models • Exclusive new FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

625

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 $\frac{1}{2}$ " (165mm) beryllium cone with a rubber surround, extended pole piece
Frequency Response:	40Hz – 20kHz $\pm$ 3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm$ 3dB tweeter level
Dimensions (W x H x D):	8 $\frac{1}{4}$ " x 12 $\frac{3}{16}$ " x 3 $\frac{1}{2}$ " (210mm x 310mm x 89mm)
Cut-Out Dims. (W x H):	6 $\frac{15}{16}$ " x 10 $\frac{3}{4}$ " (176mm x 273mm)
Shipping Weight:	12 lbs (5.45kg) pair



PART#	92321
QUANTITY	PAIR

624

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 $\frac{1}{2}$ " (165mm) coated carbon fiber cone with a rubber surround, extended pole piece
Frequency Response:	43Hz – 20kHz $\pm$ 3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm$ 3dB tweeter level
Dimensions (W x H x D):	8 $\frac{1}{4}$ " x 12 $\frac{3}{16}$ " x 3 $\frac{1}{2}$ " (210mm x 310mm x 89mm)
Cut-Out Dims. (W x H):	6 $\frac{15}{16}$ " x 10 $\frac{3}{4}$ " (176mm x 273mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART#	92320
QUANTITY	PAIR

ORIGINAL SERIES MEDIUM RECTANGLE SPEAKERS



PART# 92319
QUANTITY PAIR

623

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB tweeter level
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 3 3/8" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92318
QUANTITY PAIR

622

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 3 3/8" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92317
QUANTITY PAIR

621

SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled
Woofer:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 3 3/8" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair

ORIGINAL SERIES MEDIUM RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium rectangle grille	92100*	124	1 pair
Original Series Extreme rectangular grille	92212	125	1 pair
Medium rectangle Flex bracket	92336	133	5 pair
Medium rectangle masonry bracket	92066	134	1 pair
Medium rectangle staple template	900651	134	5 pair
Medium rectangle wood acoustic enclosure	91687	138	each
Medium rectangle retrofit enclosure	92342*	140	1 pair
Fire-rated (listed) shallow backcan	92807	142	each
Medium rectangle coverplate	92334*	132	1 pair
Vapor barrier	91703	143	12 pair

* Not for use with Extreme XT

ORIGINAL SERIES MEDIUM ROUND SPEAKERS

SPECIAL FEATURES

Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Fully-pivoting woofers and pivoting tweeters direct sound at listeners for life-like stereo performance, even when placement options are limited • Tweeter level control ($\pm 3\text{dB}$) fine-tunes the sound for the room • Optional retrofit molded enclosures reduce sound spillover into adjacent spaces • Roto-Lock clamps require less installation time than previous models • Exclusive FastMount tabs hold the speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

625R

SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) beryllium cone with a rubber surround, pivoting
Frequency Response:	40Hz – 20kHz $\pm 3\text{dB}$
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	12 lbs (5.45kg) pair



PART#	92327
QUANTITY	PAIR

624R

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) coated carbon fiber cone with a rubber surround, pivoting
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	11 lbs. (5.0kg) pair



PART#	92326
QUANTITY	PAIR

623R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6 1/2" (165mm) carbon fiber cone with a rubber surround, pivoting
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	10 lbs. (4.5 kg) pair



PART#	92325
QUANTITY	PAIR

ORIGINAL SERIES MEDIUM ROUND SPEAKERS



PART# 92324
QUANTITY PAIR

622R

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# 92323
QUANTITY PAIR

621R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair

ORIGINAL SERIES MEDIUM ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium round grille	92101*	125	1 pair
Original Series Extreme XTR/XSSTR grille	92213	125	1 pair
Medium round Flex bracket	92337	133	5 pair
Medium round staple template	901049	134	5 pair
Medium round wood acoustic enclosure	91688§	139	each
Medium round retrofit enclosure	92343*§	140	1 pair
Fire-rated (listed) deep backcan	92808§	142	each
Medium round coverplate	92335*	132	1 pair
Vapor barrier	91703**	143	12 pair

* Not for use with Extreme XTR and Extreme XSSTR

§ Not for use with 623R TL, 622R TL, 621R TL, 623R TL SST

** Will only work with 623R TL, 622R TL, 621R TL, 623R TL SST

ORIGINAL SERIES MEDIUM SQUARE SPEAKERS

SPECIAL FEATURES

Small footprint increases installation options • Carbon fiber woofer delivers impressive bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Fully-pivoting woofer and pivoting tweeter direct sound at listeners for life-like stereo performance, even when placement options are limited • Tweeter level control ($\pm 3\text{dB}$) fine-tunes the sound for the room • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock clamps require less installation time than previous models • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

623S

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, pivoting
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (W x H x D):	9¾" x 9¾" x 4¾" (248mm x 248mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#	92331
QUANTITY	PAIR

ORIGINAL SERIES MEDIUM SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium square metal grille	92458	121	1 pair
Medium square Flex bracket	92344	129	5 pair
Fire-rated (listed) deep backcan	92808	138	each
Medium square wood acoustic enclosure	92474	133	each
Medium round retrofit enclosure	92343	140	1 pair

ORIGINAL SERIES MEDIUM CABINET SPEAKERS

S622C CABINET SPEAKER

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Cabinet Material:	1" MDF (baffle and rear panel); ½" MDF / ½" particle board laminate (top, bottom and sides)
Grille:	Black cloth
Finish:	Black
Dimensions (W x H x D):	7½" x 11" x 11½" (191mm x 279mm x 292mm)
Shipping Weight:	18 lbs (8.2kg) each



PART#	92116
QUANTITY	EACH

ORIGINAL SERIES SMALL RECTANGLE SPEAKERS

SPECIAL FEATURES

Advanced woofer cone materials deliver solid bass performance • Low-resonance die-cast woofer basket (423) • Pivoting tweeters direct sound at listeners for life-like stereo performance even when placement options are limited • Removable IR plug for discreet placement of IR receiver in the speaker's front baffle, allowing remotes to be aimed at the front of the room even when the electronics are placed in an inconvenient location



PART# 92357
QUANTITY PAIR

423

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4½" (114mm) carbon fiber cone with a rubber surround, die-cast woofer basket
Frequency Response:	55Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 80 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	5½" x 8⅞" x 3" (140mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4⅝" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# 92356
QUANTITY PAIR

422

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, pivoting
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz - 20kHz ±3dB
Impedance:	8 ohms nominal ; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	5½" x 8⅞" x 3" (140mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4⅝" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair

ORIGINAL SERIES SMALL RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series Small rectangle metal grille	92087	124	1 pair
Small rectangle Flex bracket	92470	133	5 pair
Small rectangle masonry bracket	92067	134	1 pair
Small rectangle retrofit enclosure	92442	140	1 pair
Fire-rated (listed) shallow backcan	92807	142	each
Vapor barrier	91703	143	12 pair

ORIGINAL SERIES SMALL ROUND SPEAKERS

SPECIAL FEATURES

Advanced woofer cone materials deliver solid bass performance • Pivoting tweeters direct sound at listeners for life-like stereo performance even when placement options are limited • Single Stereo Technology model plays left and right channels from a single speaker — ideal for kitchens, bathrooms, and hallways

422R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, pivoting
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#	92359
QUANTITY	PAIR

421R

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#	92358
QUANTITY	PAIR

ORIGINAL SERIES SMALL ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series small round metal grille	92088	125	1 pair
Small round Flex bracket	92471	133	5 pair
Small round retrofit enclosure	92443	140	1 pair
Fire-rated (listed) deep backcan	92808	142	each

ORIGINAL SERIES SMALL SQUARE SPEAKERS

SPECIAL FEATURES

Advanced woofer cone materials deliver solid bass performance • Pivoting tweeter directs sound at listeners for life-like stereo performance even when placement options are limited



PART# 92361
QUANTITY pair

422S

SPECIFICATIONS	
Tweeter:	¾" (19mm) silk dome, pivoting
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	61/2" x 61/2" x 35/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H):	55/8" x 55/8" (143mm x 143mm)
Shipping Weight:	3 lbs (1.4kg)

ORIGINAL SERIES SMALL SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series Small square metal grille	92599	125	1 pair
Small square Flex bracket	92472	133	5 pair
Small square retrofit enclosure	92453	140	1 pair
Small square wood acoustic enclosure*	92449	139	each
Fire-rated (listed) deep backcan	92808	142	each

* While supplies last

ORIGINAL SERIES MEDIUM THINLINE SPEAKERS

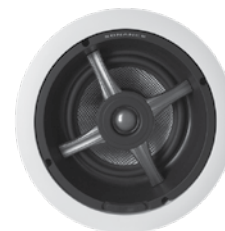
SPECIAL FEATURES

Featuring shallow 3" (76mm) depths, Original Series ThinLine speakers deliver a very high level of audio performance while allowing installation in areas that are too shallow to accommodate conventional speakers.

623R TL THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofer:	6½" (165mm) carbon fiber cone, rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9¾" x 3" (248mm x 76mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#	92311
QUANTITY	PAIR

622R TL THINLINE

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofer:	6½" (165mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 3" (248mm x 76mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair

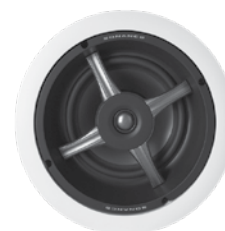


PART#	92310
QUANTITY	PAIR

621R TL THINLINE

SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 3" (248mm x 76mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#	92309
QUANTITY	PAIR

Note: Accessories for these products are listed on page 80 as well as in the Accessories Matrix on page 94.

ORIGINAL SERIES MEDIUM EXTREME SPEAKERS

SPECIAL FEATURES

Featuring shallow 3" (76mm) depths, Original Series ThinLine speakers deliver a very high level of audio performance while allowing installation in areas that are too shallow to accommodate conventional speakers.



PART# 91636
QUANTITY PAIR

EXTREME XT

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 2 1/2" (210mm x 310mm x 63.5mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# 91637
QUANTITY PAIR

EXTREME XTR

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9 3/4" x 4" (248mm x 102mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# 91638
QUANTITY EACH

EXTREME XTR SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6 1/2" (165mm) dual voice coil, one piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9 3/4" x 5 3/16" (248mm x 132mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	4 1/2 lbs (2.1kg) each

Note: Additional accessories for these products are listed on pages 78 and 80 as well as in the Accessories Matrix on page 94.

ORIGINAL SERIES LARGE SINGLE STEREO SPEAKERS

831R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) polypropylene cones, rubber surrounds
Woofer:	8" (203mm) polypropylene cone, dual voice coil, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	119/16" x 57/8" (294mm x 149mm)
Cut-Out Diameter:	101/8" (257mm)
Shipping Weight:	8 lbs. (3.6kg) each



PART# 92239
QUANTITY EACH

ORIGINAL SERIES LARGE ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series large round grille	92290	125	1 pair
Large round Flex bracket	92247	133	5 pair
Large round wood acoustic enclosure	91900	138	each
Large round retrofit enclosure	92243	140	1 pair
Fire-rated (listed) large round backcan*	91908	142	each
Fire-rated (listed) deep backcan	92808	142	each
Large round coverplate	92245	132	1 pair

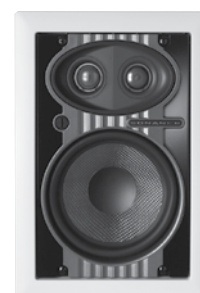
* While supplies last

ORIGINAL SERIES MEDIUM SINGLE STEREO SPEAKERS

623 SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V 1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 123/16" x 33/8" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	615/16" x 10¾" (176mm x 273mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# 92322
QUANTITY EACH

623R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, dual voice coil, pivoting
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# 92330
QUANTITY EACH

ORIGINAL SERIES MEDIUM SINGLE STEREO SPEAKERS



PART# 92312
QUANTITY EACH

623R TL SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, dual voice coil
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9¾" x 3" (248mm x 76mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# 92329
QUANTITY EACH

621R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, dual voice coil, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) Each



PART# 91638
QUANTITY EACH

EXTREME XTR SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6½" (165mm) dual voice coil, one piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9¾" x 5¾" (248mm x 132mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4½ lbs (2.1kg) each

Note: Additional accessories for these products are listed on pages 78 and 80 as well as in the Accessories Matrix on page 94.

421R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	67/8" x 31/2" (175mm x 89mm)
Cut-Out Diameter:	57/8" (149mm)
Shipping Weight:	3 lbs (1.4kg)



PART#	92360
QUANTITY	EACH

Note: Accessories for these products are listed on page 83 as well as in the Accessories Matrix on page 94.

ORIGINAL SERIES IN-WALL WOOFERS

SPECIAL FEATURES

Three models available: Amplified in-wall (A800D), amplified in-ceiling (A800DR) and passive in-wall (P800D) • Amplified versions require Sonamp A800 amplifier (available separately, see listing on this page) • Eight-inch diameter woofers deliver deep, powerful bass • Cast aluminum woofer baskets • Exclusive new FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation • Paintable aluminum grilles • Optional wood acoustic enclosures optimize bass performance and reduce sound spillover from rear to adjacent rooms



A800D IN-WALL WOOFER

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz
Dimensions (W x H x D):	97/8" x 1515/16" x 37/8" (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8½" x 14½" (216mm x 368mm)
Shipping Weight:	9 lbs (4.1kg)

PART# (WOOFER ONLY)
92302
QUANTITY EACH

Note: Requires a Sonamp A800 amplifier (available separately, see page 41).



A800DR IN-CEILING WOOFER

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz
Dimensions (Dia x D):	11¼" x 6" (286mm x 152mm)
Cut-Out Diameter:	101/8" (257mm)
Shipping Weight:	9 lbs (4.1kg)

PART# (WOOFER ONLY)
92305
QUANTITY EACH

Note: Requires a Sonamp A800 amplifier (available separately, see page 41).



P800D IN-WALL WOOFER

SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, dual voice coil, with a rubber surround
Frequency Response:	35Hz – 250Hz
Power Handling:	150 watts
Sensitivity:	90dB SPL (2.83V/1 meter)
Crossover Frequency:	150 Hz
Dimensions (W x H x D):	97/8" x 1515/16" x 37/8" (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8½" x 14½" (216mm x 368mm)
Shipping Weight:	13 lbs (5.8 kg) each

PART# 92303
QUANTITY EACH

ORIGINAL SERIES WOOFER ACCESSORIES

	Part #	Page #	QTY
Original Series Large rectangle metal grille	92289	124	1 pair
Original Series Large round metal grille	92290	125	1 pair
Large rectangle Flex bracket	92246	133	5 pair
Large round Flex bracket	92247	133	5 pair
Large rectangle wood acoustic enclosure	91708	138	each
Large round wood acoustic enclosure	91900	138	each
Large rectangle coverplate	92244	132	1 pair
Large round coverplate	92245	132	1 pair

SONAMP WOOFER AMPLIFIER

SPECIAL FEATURES

For use with VP85 W, VP85R W, VP85S W, A800D, A800DR, SAW • 150 watts (program) • Front-panel volume, crossover, and phase controls • Built-in non-defeatable limiter prevents overdriving woofers • Binding-post speaker connectors • Line-level outputs for daisy-chaining multiple amplifiers • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in 120V and 230V versions • Available rack-mount ears

SONAMP A800 WOOFER AMPLIFIER

SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms Power Output (program): 150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) +1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16¾" x 4" x 13½" (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13½" (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg)



PART# (120V) 92306
QUANTITY EACH

PART# (230V) 92454
QUANTITY EACH



RACK EARS KIT
PART# 90603
QUANTITY PAIR



ORIGINAL SERIES MEDIUM HOME THEATER SPEAKERS

SPECIAL FEATURES

Ideal for all three front-channel home theater applications • The perfect center-channel counterpart for an Original Series left and right channel speaker pair • Tweeter level control ($\pm 3\text{dB}$) fine-tunes performance for the room • Fits standard 16" on-center stud construction • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# 92473
QUANTITY EACH

623 LCR

SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	Two 6 1/2" (165mm) carbon fiber cones with rubber surrounds
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (W x H x D):	16" x 8 1/4" x 3 1/2" (407mm x 210mm x 89mm)
Cut-Out Dims. (W x H):	67/8" x 14 1/2" (175mm x 368mm)
Shipping Weight:	8 lbs (3.6kg) each



PART# 92328
QUANTITY PAIR

623R SUR SURROUND

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	55 Hz – 20 kHz $\pm 3\text{dB}$
Sensitivity:	90dB SPL (2.83V/1 meter)
Power Handling:	5 watts min; 150 watts max
Impedance:	8 ohms nominal; 7 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9 3/4" x 5 3/16" (248mm x 132mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART# 91639
QUANTITY EACH

623 LCR CABINET SPEAKER*

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, magnetically- shielded
Woofer:	Two 6 1/2" (165mm) black glass composite cones with rubber surrounds, magnetically-shielded
Frequency Response:	45Hz – 20kHz $\pm 3\text{dB}$
Impedance:	6 ohms nominal; 4.5 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille Material:	Black cloth
Finish:	Black
Dimensions (W x H x D):	22 3/4" x 7 1/2" x 11 3/8" (578mm x 191mm x 289mm)
Shipping Weight:	25 lbs (11.3kg) each

*While supplies last

ORIGINAL SERIES MEDIUM HOME THEATER SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium LCR grille	92738	125	each
Medium LCR Flex bracket	92475	133	each
Medium LCR retrofit enclosure	92836	140	each
Cinema Select LCR/Symphony S622c			
Cabinet Speaker grille	701114	130	each

Note: Additional accessories for these products are listed on pages 78 and 80 as well as in the Accessories Matrix on page 94.

ORIGINAL SERIES ELLIPSE IN-CEILING HOME THEATER SPEAKERS

SPECIAL FEATURES

Innovative elliptical footprint • Midrange and tweeter Sonic Eye pivots up to 20 degrees in LCR model • Tweeter incorporates a lens for superior off-axis response • 6½" woofers reproduce bass down to below 50Hz, allowing for an extremely low crossover point from the ceiling speakers to the subwoofer • Graphite-Reinforced ABS (GRABS) woofer baskets • Dual midrange/tweeter array in Ellipse SUR creates a diffuse, enveloping sound.

ELLIPSE 1.0 LCR

SPECIFICATIONS

Tweeter:	1/2" (13mm) cloth dome, pivoting
Midrange:	4" (102mm) polypropylene cone, pivoting
Woofer:	6 1/2" (165mm) black woven glass fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Sensitivity:	89dB (2.83V/1 meter)
Power Handling:	5 watts minimum; 125 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (W x H x D):	10 1/2" x 15 1/2" x 57/8" (267mm x 394mm x 149mm)
Cut-Out Dims. (W x H):	9" x 137/8" (229mm x 353mm) elliptical
Shipping Weight:	8 lbs (3.6kg) each



PART#	91902
QUANTITY	EACH

ELLIPSE SUR

SPECIFICATIONS

Tweeter:	Two 1/2" (13mm) cloth domes
Midrange:	Two 3" (76mm) black woven glass fiber cones with rubber surrounds
Woofer:	6 1/2" (165mm) black woven glass fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Sensitivity:	90dB (2.83V/1 meter)
Power Handling:	5 watts minimum; 125 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (W x H x D):	10 1/2" x 15 1/2" x 4 1/2" (267mm x 394mm x 114mm)
Cut-Out Dims. (W x H):	9" x 137/8" (229mm x 353mm) elliptical
Shipping Weight:	16 lbs (7.3kg) pair



PART#	91961
QUANTITY	PAIR

SONANCE ELLIPSE ACCESSORIES

	Part #	Page#	QTY
Ellipse LCR grille	92009	129	each
Ellipse SUR grille	92010	129	1 pair
Ellipse wood acoustic enclosure	91921	140	each
Ellipse Flex bracket	91922	136	each
Ellipse coverplate	91974	132	each

ACCESSORY MATRIX FOR ORIGINAL SERIES SPEAKERS

SPEAKER MODEL	ACCESSORY PART # PAGE #							
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
832	92289	124	--	92246	133	--		901067 134
831	92289	124	--	92246	133	--		901067 134
832R	92290	125	--	92247	133	--		--
831R	92290	125	--	92247	133	--		--
831R SST	92290	125	--	92247	133	--		--
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
625	92100	124	--	92336	133	92066	134	900651 134
624	92100	124	--	92336	133	92066	134	900651 134
623	92100	124	--	92336	133	92066	134	900651 134
622	92100	124	--	92336	133	92066	134	900651 134
621	92100	124	--	92336	133	92066	134	900651 134
623 sst	92100	124	--	92336	133	92066	134	900651 134
Extreme XT	92212	125	--	92336	133	92066	134	900651 134
625R	92101	125	--	92337	133	--		901049 134
624R	92101	125	--	92337	133	--		901049 134
623R	92101	125	--	92337	133	--		901049 134
622R	92101	125	--	92337	133	--		901049 134
621R	92101	125	--	92337	133	--		901049 134
623R TL	92101	125	--	92337	133	--		901049 134
622R TL	92101	125	--	92337	133	--		901049 134
621R TL	92101	125	--	92337	133	--		901049 134
623R SST	92101	125	--	92337	133	--		901049 134
621R SST	92101	125	--	92337	133	--		901049 134
623R TL SST	92101	125	--	92337	133	--		901049 134
623R SRS	92101	125	--	92337	133	--		901049 134
EXTREME XTR	92213	125	--	92337	133	--		901049 134
EXTREME XSSTR	92213	125	--	92337	133	--		901049 134
623s	92458	125	--	92344	133	--		--
623 LCR	92738	125	--	92475	133	--		--
Symphony S622	701114	130	--	--	--	--	--	--
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
423	92087	124	--	92470	133	92067	134	--
422	92087	124	--	92470	133	92067	134	--
421R	92088	125	--	92471	133	--		--
421R SST	92088	125	--	92471	133	--		--
422S	92599	125	--	92472	133	--		--
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
ellipse 1.0 lcr	92009	129	--	91922	136	--		
Ellipse Sur	92010	129	--	91922	136	--		
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
Cinema Select LCR	92100	124	--	92336	133	900651	134	
Cinema Select SUR	92100	124	--	92336	133	900651	134	
SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE
Cinema LCR1	--		92883 128	--		--		
Cinema Select LCR	--		701114 130	--		--		
Symphony 623 LCR	--		700493 130	--		--		

RETROFIT ENCLOSURE		WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92242	140	91708	138	--		92244	132	91703	143
92242	140	91708	138	--		92244	132	91703	143
92243	140	91900	138	91908*/92808	142	92245	132	--	
92243	140	91900	138	91908*/92808	142	92245	132	--	
92243	140	91900	138	91908*/92808	142	92245	132	--	
RETROFIT ENCLOSURE		WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92342	140	91687	138	92807	142	92334	132	91703	143
92342	140	91687	138	92807	142	92334	132	91703	143
92342	140	91687	138	92807	142	92334	132	91703	143
92342	140	91687	138	92807	142	92334	132	91703	143
92342	140	91687	138	92807	142	92334	132	91703	143
92342	140	91687	138	92807	142	92334	132	91703	143
--		91687	138	92807	142	--		91703	143
92343	140	91688	139	92808	142	92335	132	--	
92343	140	91688	139	92808	142	92335	132	--	
92343	140	91688	139	92808	142	92335	132	--	
92343	140	91688	139	92808	142	92335	132	--	
92343	140	91688	139	92808	142	92335	132	--	
--		--		--		92335	132	91703	143
--		--		--		92335	132	91703	143
--		--		--		92335	132	91703	143
92343	140	91688	139	92808	142	92335	132	--	
92343	140	91688	139	92808	142	92335	132	--	
--		--		--		92335	132	91703	143
92343	140	91688	139	92808	142	92335	132	--	
--		91688	139	92808	142	--		--	
--		91688	139	92808	142	--		--	
--		--		92808	142	--		--	
--		--		--		--		--	
RETROFIT ENCLOSURE		WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92242	140	--		92807	142	--		91703	143
92242	140	--		92807	142	--		91703	143
92443	140	--		92808	142	--		--	
92443	140	--		92808	142	--		--	
92453	140	92449	139	92808	142	--		--	
WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
91921	140	--		91974	132	--		--	
91921	140	--		91974	132	--		--	
WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
91687	138	92807	142	92334	132	92066	134	--	
91687	138	92807	142	92334	132	92066	134	--	
WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
--		--		--		--		--	
--		--		--		--		--	
--		--		--		--		--	

*While supplies last. Replacement is fire-rated (listed) deep backcan (#92808).

CONTRACTOR SERIES

Sonance Contractor Series speakers deliver high-fidelity sound and value. With a variety of speakers available, the Sonance Contractor Series provides installers multiple options to fulfill their client's price, design, and audio requirements.



CONTRACTOR SERIES RECTANGLE SPEAKERS

SPECIAL FEATURES

Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment • All models are weather-resistant • Pivoting tweeter directs sound at listeners for life-like stereo reproduction even when placement options are limited (C201) • Removable IR plug for discreet placement of IR receiver in the speaker's front baffle, allowing remotes to be aimed at the front of the room even when the electronics are placed in an inconvenient location • Can be used with most Original Series Medium rectangle accessories

C201

SPECIFICATIONS

Tweeter:	3/4" (19mm) treated cloth dome, pivoting
Woofers:	6 1/2" (165 mm) polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 100 watts maximum
Impedance:	8 ohms nominal
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 3 3/4" (210mm x 310mm x 95mm)
Cut-Out Dims. (W x H):	6 3/4" x 10 3/4" (171mm x 273mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART#	91801
QUANTITY	PAIR

C101

SPECIFICATIONS

Tweeter:	1/2" (12mm) treated cloth dome
Woofers:	6 1/2" (165 mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 3 3/4" (210mm x 310mm x 95mm)
Cut-Out Dims. (W x H):	6 3/4" x 10 3/4" (171mm x 273mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART#	91800
QUANTITY	PAIR

CONTRACTOR SERIES RECTANGLE SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series medium rectangle grille	91943	126	1 pair
Medium rectangle Flex bracket	92336	133	5 pair
Medium rectangle staple template	900651	134	5 pair
Medium rectangle wood acoustic enclosure	91687	138	each
Fire-rated (listed) shallow backcan	92807	142	each
Medium rectangle coverplate	92334	132	1 pair
Medium rectangle masonry bracket	92066	134	1 pair

CONTRACTOR SERIES ROUND SPEAKERS

SPECIAL FEATURES

Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment • Eight-inch woofer delivers impressive bass (CR801) • All models are weather-resistant • Pivoting tweeter directs sound at listeners for life-like stereo reproduction even when placement options are limited (CR801, CR201) • Can be used with some Original Series Large (CR801), and Medium (CR201, CR101, CR101SST) round speaker accessories



PART# 91807
QUANTITY PAIR

CR801

SPECIFICATIONS

Tweeter:	1" (25mm) pivoting, treated cloth dome
Woofer:	8" (203 mm) black polypropylene cone with a rubber surround
Frequency Response:	47Hz – 20kHz ± 3 dB
Sensitivity:	89dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 120 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	12" x 4" (305mm x 102mm)
Cut-Out Diameter:	10 1/8" (257mm)
Shipping Weight:	12 lbs (5.45kg) pair

CR801 ACCESSORIES

	Part #	Page #	QTY
Contractor Series CR801 metal grille	92013	126	1 pair
Large round Flex bracket	92247	133	5 pair
Large round wood acoustic enclosure	91900	138	each
Fire-rated (listed) deep backcan	92808	142	each
Large round coverplate	92245	132	1 pair



PART# 91804
QUANTITY PAIR

CR201

SPECIFICATIONS

Tweeter:	3/4" (19mm) treated cloth dome, pivoting
Woofer:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ± 3 dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 100 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9 3/4" x 3 3/4" (248mm x 95mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART# 91803
QUANTITY PAIR

CR101

SPECIFICATIONS

Tweeter:	1/2" (12mm) treated cloth dome
Woofer:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ± 3 dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9 3/4" x 3 3/4" (248mm x 95mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	8 lbs (3.63kg) pair

CONTRACTOR SERIES ROUND SPEAKERS

CR101SST

SPECIFICATIONS

Tweeter:	Two ½" (12mm) treated cloth domes
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, dual voice coil
Frequency Response:	70Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9¾" x 3¾" (248mm x 95mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4 lbs (1.8kg) each



PART# 91806
QUANTITY EACH

CONTRACTOR SERIES ROUND SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series round metal grille	91944	126	1 pair
Medium round Flex bracket	92337	133	5 pair
Medium round staple template	901049	134	5 pair
Medium round wood acoustic enclosure	91688	139	each
Fire-rated (listed) deep backcan	92808	142	each
Medium round coverplate	92335	132	1 pair

CONTRACTOR SERIES SQUARE SPEAKERS

SPECIAL FEATURES

Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment • Weather resistant • Pivoting tweeter directs sound at listeners for life-like stereo reproduction, even when placement options are limited

C201SQ

SPECIFICATIONS

Tweeter:	¾" (19mm) cloth dome, pivoting
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 1/16" x 8 1/16" x 3 1/4" (221mm x 221mm x 83mm)
Cut-Out Dims. (W x H):	7 3/8" x 7 3/8" (187mm x 187mm)
Shipping Weight:	8 lbs (3.6 kg) pair



PART# 91635
QUANTITY PAIR

CONTRACTOR SERIES SQUARE SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series square grille	141215	126	each
Contractor Series square flex bracket	91942	134	1 pair
Fire-rated (listed) deep backcan	92808	142	each
Contractor Series square fire-rated backcan	91933†	142	each

ACCESSORY MATRIX FOR CONTRACTOR SERIES SPEAKERS

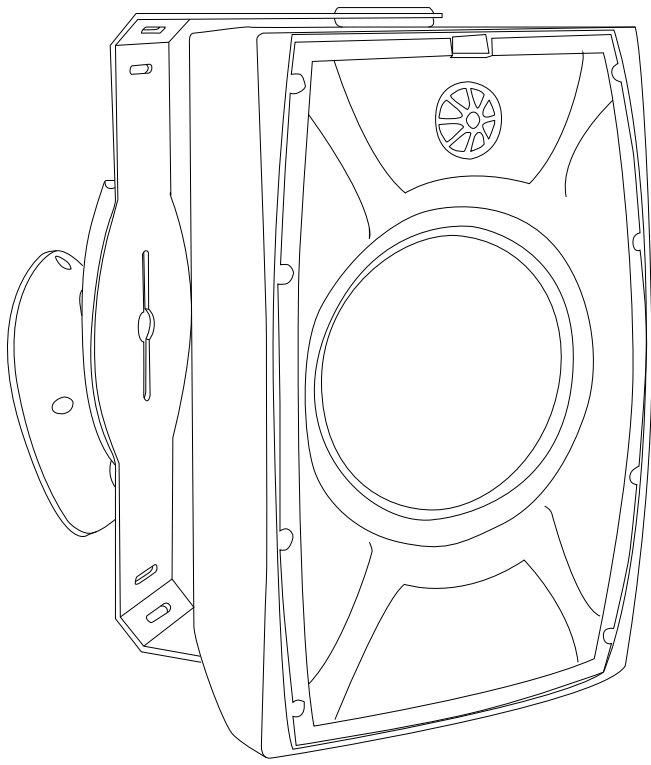
SPEAKER MODEL	ACCESSORY							
	PART #	PAGE #						
SPEAKER	METAL GRILLE		FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE	
C201	91943	126	92336	133	92066	134	900651	134
C101	91943	126	92336	133	92066	134	900651	134
CR801	92013	126	92247	133	--		--	
CR201	91944	126	92337	133	--		901049	134
CR101	91944	126	92337	133	--		901049	134
CR101SST	91944	126	92337	133	--		901049	134
C201SQ	141215	126	91942	134	--		--	

WOOD ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE	
91687	138	92807	142	92334	132
91687	138	92807	142	92334	132
91900	138	92808	142	92245	132
91688	139	92808	142	92335	132
91688	139	92808	142	92335	132
91688	139	92808	142	92335	132
--		91933/92808	142/142	--	

OUTDOOR SPEAKERS

Sonance Outdoor Speakers offer the ideal product portfolio to fulfill the rapidly growing demand for outdoor entertainment in high-end residences. With designs and materials tailored to meet the rigorous demands of open-air applications, Outdoor Speakers bring the superior look and sound of Sonance to the great outdoors. Under the eaves, around the barbecue, by the pool, and in the garden, Sonance Outdoor Speakers have the right solution for every element of your outdoor audio installation.



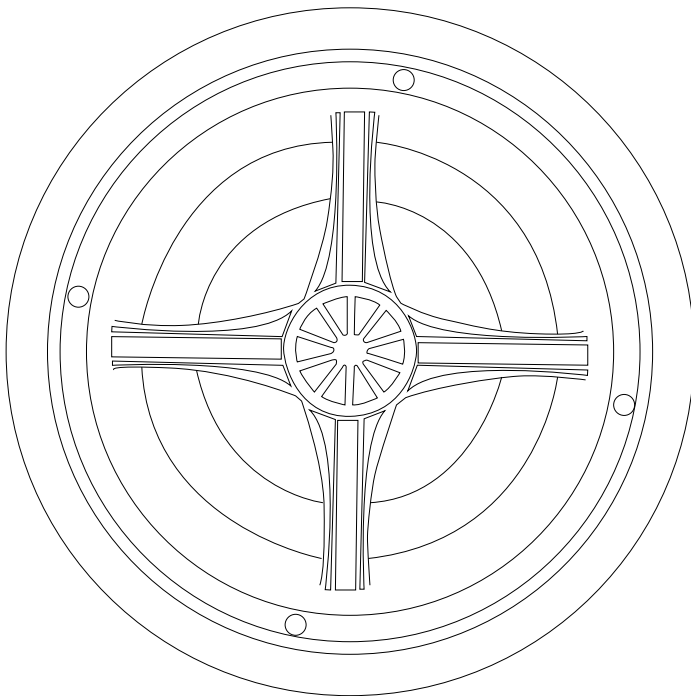
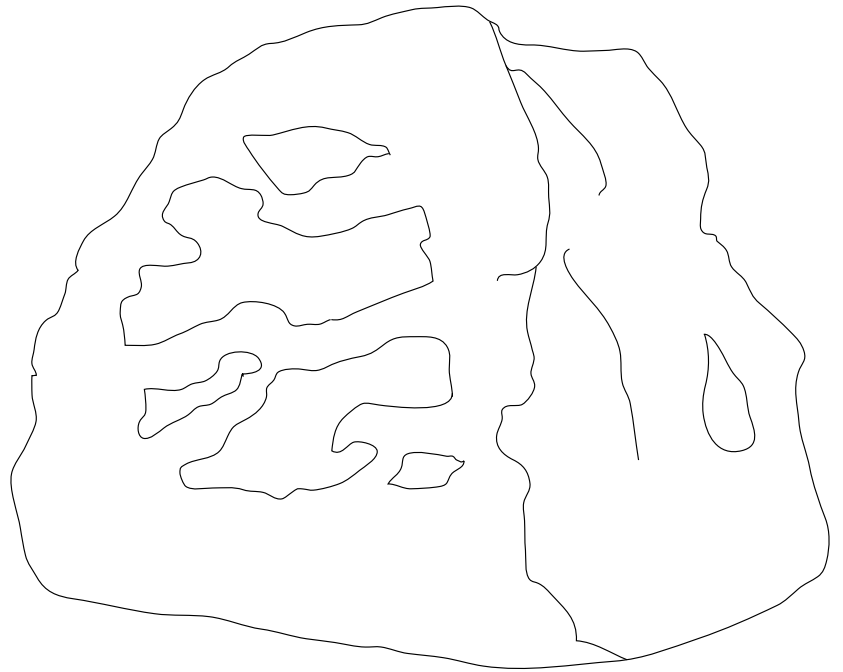


MARINER SPEAKERS

Sonance Mariner Speakers bring together high musical performance and rugged enclosures. Mariners can be mounted almost anywhere and withstand almost any weather condition.

ROCK SPEAKERS

The Perfect blend of visual camouflage and high quality sound. A great addition to any garden or patio setting.



EXTREME SPEAKERS

The Sonance Extreme Series can perform in high humidity, high heat and even rough sea conditions, making them the perfect choice for marine applications or extreme temperature areas.

MARINER SPEAKERS

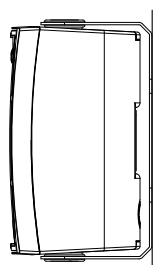
Sonance Mariner® outdoor speakers bring together high musical performance and more installation options than ever before. Featuring our exclusive FastMount Bracket System and Protected Access Connection Terminal (PACT) connector termination system that increases moisture resistance, the eight models in the Mariner Series feature tough, paintable, sealed polypropylene enclosures and perforated aluminum grilles that enhance their weather resistance. For installations in areas with severe weather, Mariner Extreme kits featuring a stainless steel grille and FastMount Bracket are available.



SONANCE MARINER SPEAKERS

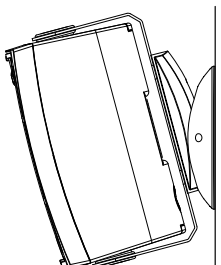
SPECIAL FEATURES

Family of eight different models meets any outdoor entertainment need • FastMount bracket system is fabricated from weather resistant aluminum • Speakers pivot up to 180° on the bracket while remaining less than 1" from the mounting surface • Click-stops permit precise, repeatable speaker angle positioning • Speakers can be mounted horizontally across a corner or on poles • Push-and-lock speaker installation eliminates clumsy threaded knobs • Included bracket base assembly allows speaker to pivot in the direction parallel to the bracket • PACT system increases moisture resistance with a grommetted rear wire entry port and a covered front wire connector • All models are available in both black and white



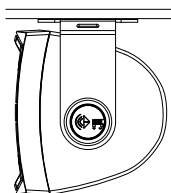
Direct Mount

Vertical,
Horizontal
Diagonal



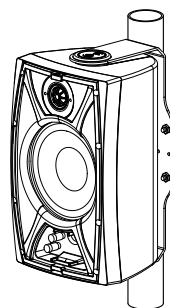
Angle Mount

± 30°



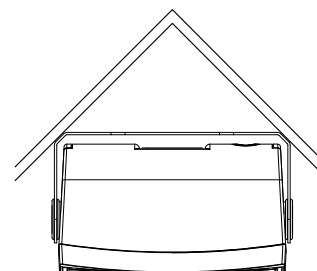
Side Mount

Under eaves and
tight spots



Pole Mount

Temporary installa-
tions or industrial
applications



Corner Mount

For wide sound
dispersion

The following Mariner speakers can be used with the Extreme Accessory Kit shown on page 106.

MARINER 82

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofers:	8" (203mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	9" x 14" x 9 1/4" (229mm x 356mm x 235mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# (WHITE) 92154
PART# (BLACK) 92155
QUANTITY PAIR

MARINER 63

SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome
Woofers:	6 1/2" (165mm) one-piece black carbon fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)
Shipping Weight:	17 lbs (7.7kg) pair



PART# (WHITE) 92150
PART# (BLACK) 92151
QUANTITY PAIR

SONANCE MARINER SPEAKERS



PART# (WHITE) 92148
PART# (BLACK) 92149
QUANTITY PAIR

MARINER 62

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 80 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)
Shipping Weight:	14 lbs (6.4kg) pair



PART# (WHITE) 92146
PART# (BLACK) 92147
QUANTITY PAIR

MARINER 61

SPECIFICATIONS

Tweeter:	3/4" (19mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 80 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)
Shipping Weight:	12.5 lbs (5.7kg) pair



PART# (WHITE) 92152
PART# (BLACK) 92153
QUANTITY EACH

MARINER 62 SS - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround, dual voice coil
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 80 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)
Shipping Weight:	7 lbs (3.2kg) each

SONANCE MARINER 63, 62, 61, 62 SS ACCESSORIES

	Part #	Page#	QTY
Extreme kit* (white)	92185	136	each
Extreme kit* (black)	92186	136	each

*Includes stainless steel grille and FastMount bracket for resistance to extreme weather

SONANCE MARINER SPEAKERS

MARINER 52

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofers:	5 1/4" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	12 lbs (5.5kg) pair



PART# (WHITE) 92142
PART# (BLACK) 92143
QUANTITY PAIR

MARINER 51

SPECIFICATIONS

Tweeter:	3/4" (19mm) polyurethane dome
Woofers:	5 1/4" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	87dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART# (WHITE) 92140
PART# (BLACK) 92141
QUANTITY PAIR

MARINER 52 SS - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofers:	5 1/4" (133mm) one-piece black polypropylene cone, with a rubber surround, dual voice coil
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	6 lbs (2.75 kg) each



PART# (WHITE) 92144
PART# (BLACK) 92145
QUANTITY EACH

MARINER SPEAKERS INSTALLED DIMENSIONS (WITHOUT BASE)

Mariner 82:

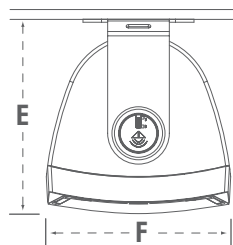
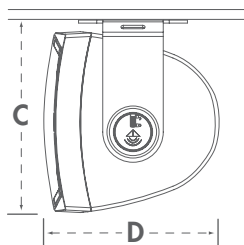
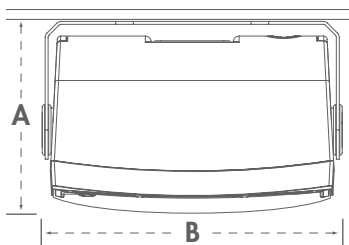
A:	10" (254mm)
B:	14 3/4" (375mm)
C:	11" (279mm)
D:	9 1/2" (241mm)
E:	10" (254mm)
F:	9" (229mm)

ALL MARINER 60-SERIES:

A:	9" (229mm)
B:	13" (330mm)
C:	8 3/4" (222mm)
D:	7 1/2" (191mm)
E:	9" (229mm)
F:	7 3/4" (197mm)

ALL MARINER 50-SERIES:

A:	6 3/4" (171mm)
B:	11" (279mm)
C:	7" (178mm)
D:	6" (152mm)
E:	6 3/4" (171mm)
F:	6 1/2" (165mm)



SONANCE ROCK SPEAKERS

SPECIAL FEATURES

Durable construction • Built with UV, chip, and weather resistant materials to withstand demanding outdoor environments • Rock-like appearance and finish blends-in with outdoor environments • Clean, articulate sound • Higher performance than typical outdoor speakers • Weather resistant woofer cones with Santoprene surrounds deliver warm bass • Internal wire connections help prevent moisture from damaging connections • Available in granite and brown



PART# (GRANITE) 92745
PART# (BROWN) 92746
QUANTITY PAIR

RK83

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome, ferrofluid-cooled
Woofer:	8" (203mm) polypropylene cone with a Santoprene surround
Frequency Response:	40Hz – 20kHz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB (2.83V/1 meter)
Available Finishes:	Granite and brown
Dimensions (W x H x D):	17¼" x 12½" x 14" (438mm x 318mm x 356mm)
Shipping Weight:	35 lbs (15.8kg) pair



PART# (GRANITE) 92743
PART# (BROWN) 92744
QUANTITY PAIR

RK63

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a Santoprene surround
Frequency Response:	50Hz – 20kHz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Available Finishes:	Granite and brown
Dimensions (W x H x D):	13¾" x 11" x 11" (349mm x 279mm x 279mm)
Shipping Weight:	28 lbs (12.6kg) pair

SONANCE ROCK WOOFER SPEAKER

RK10W ROCK WOOFER

Featuring a 10" woofer designed with built-in low-pass filters that direct the bass frequencies to the RK10W and the rest of the sound to satellite speakers. This dramatically improves the satellite speakers' power handling. Available in granite or brown finish.

SPECIFICATIONS

Design:	Weather-resistant rock woofer
Woofer:	10" (254mm) black polypropylene cone, dual voice coil, with rubber surround
Frequency Response:	35Hz – 150kHz ±3dB
Impedance:	8 ohms nominal
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Crossover Frequency:	150Hz (low-pass), 150Hz (high-pass)
Dimensions (W x H x D):	19 ³ / ₈ " x 16 ⁷ / ₈ " x 14 ³ / ₈ " (492mm x 429mm x 365mm)



PART# (GRANITE) 92887
PART# (BROWN) 92888
QUANTITY EACH

VISUAL PERFORMANCE SERIES MEDIUM EXTREME SPEAKERS

SPECIAL FEATURES

Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures - from -30°F up to +175°F (34°C up to +79°C) - while maintaining superior sound quality. Visual Performance Series Extreme speakers are also shock resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications. Superior construction incorporates samarium cobalt magnets and 316L stainless steel.



PART# 92751
QUANTITY PAIR

VP65 XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (W x H x D): 83/8" x 121/4" x 21/2" (213mm x 311mm x 64mm)
Cut-Out Dims. (W x H): 615/16" x 103/4" (176mm x 273mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium rectangle speaker accessories" on page 28.



PART# 92752
QUANTITY PAIR

VP65R XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (Diam. x D): 93/4" x 31/2" (248mm x 89mm)
Cut-Out Diameter: 8¼" (210mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium round speaker accessories" on page 30.



PART# 92835
QUANTITY PAIR

VP65S XT — EXTREME

SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (W x H x D): 97/8" x 97/8" x 31/2" (251mm x 251mm x 89mm)
Cut-Out Dims. (W x H): 8¼" x 8¼" (210mm x 210mm)
Shipping Weight: 12 lbs (5.4kg) pair

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART# 92753
QUANTITY EACH

VP65R SST XT — EXTREME SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter: Two 1" (25mm) polyurethane domes
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround
Frequency Response: 55Hz – 20kHz ±3dB
Impedance: 8 ohms nominal; 6 ohms minimum
Power Handling: 5 watts minimum; 130 watts maximum
Sensitivity: 89dB SPL (2.83V/1 meter)
Grille: Powder-coated stainless steel
Dimensions (Diam. x D): 93/4" x 53/16" (248mm x 132mm)
Cut-Out Diameter: 8¼" (210mm)
Shipping Weight: 4.5 lbs (2.1kg) each

For accessories, see 30.

ORIGINAL SERIES MEDIUM EXTREME SPEAKERS

SPECIAL FEATURES

Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures - from -30°F up to +175°F (34°C up to +79°C) - while maintaining superior sound quality. Visual Performance Series Extreme speakers are also shock resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications. Superior construction incorporates samarium cobalt magnets and 316L stainless steel.

EXTREME XT

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (W x H x D):	8 1/4" x 12 3/16" x 2 1/2" (210mm x 310mm x 63.5mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#	91636
QUANTITY	PAIR

EXTREME XTR

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6 1/2" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9 3/4" x 4" (248mm x 102mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#	91637
QUANTITY	PAIR

EXTREME XTR SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6 1/2" (165mm) dual voice coil, one piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9 3/4" x 5 3/16" (248mm x 132mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	4 1/2 lbs (2.1kg) each



PART#	91638
QUANTITY	EACH

Note: Additional accessories for these products are listed on pages 78 and 80 as well as in the Accessories Matrix on page 94.

ACCESSORY MATRIX FOR OUTDOOR SERIES SPEAKERS

SPEAKER
MODEL

ACCESSORY
PART # & PAGE #

VISUAL PERFORMANCE SERIES EXTREME SPEAKERS

	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
VP65 XT	92812	124	92336	133	900651	134	91687	138
VP65R XT	92813	124	92337	133	901049	134	91688	139
VP65S XT	92814	124	92344	133	--	--	92474	139
VP65R SST XT	92813	124	92337	133	901049	134	91688	139

ORIGINAL SERIES EXTREME SPEAKERS

	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
EXTREME XT	92212	125	92336	133	900651	134	91687	138
EXTREME XTR	92213	125	92337	133	901049	134	91688	139
EXTREME XSSTR	92213	125	92337	133	901049	134	91688	139

ACCESSORY MATRIX FOR MARINER SPEAKERS

SPEAKER
MODEL

ACCESSORY
PART # & PAGE #

	EXTREME KIT WHITE		EXTREME KIT BLACK		SPEAKER GRILLE WHITE		SPEAKER GRILLE BLACK	
MARINER 82	--		--		92254	128	92255	128
MARINER 63	92185	136	92186	136	92252	129	92253	129
MARINER 62	92185	136	92186	136	92252	129	92253	129
MARINER 61	92185	136	92186	136	92252	129	92253	129
MARINER 52	--		--		92250	129	92251	129
MARINER 51	--		--		92250	129	92251	129
MARINER 62 SS	92185	136	92186	136				
MARINER 52 SS	--		--					

RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
92342	140	92807	142	92334	132	92066	134	91703	143
92343	140	92808	142	92335	132	--		--	
92343	140	92808	142	--	--	--		--	
92343	140	92808	142	92335	132	--		--	

RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
--		92807	142	92334	132	92066	134	91703	143
--		92808	142	92335	132	--		--	
--		92808	142	92335	132	--		--	

COMMERCIAL SERIES

(70V/100V)

At Sonance we see an expanding role for our products beyond the home. Sonance Commercial Series provides the A/V integrator with just what is needed for architects and designers who demand higher levels of performance and aesthetics for their commercial projects. Our Commercial Series products draw on the strengths of our residential products while meeting the unique requirements and certifications necessary for commercial applications. All products feature transformer taps for use in 70V and 100V applications.



COMMERCIAL SERIES INVISIBLE SPEAKERS

SPECIAL FEATURES

Patented planar diaphragm technology radiates sound in a 140° hemispherical pattern with smooth, even coverage throughout its bandwidth • Speaker diaphragm becomes part of the wall or ceiling surface, making the speaker truly invisible • Can be installed in new and existing wood metal stud construction • 70V/100V transformer with multiple power taps for compatibility with commercial installations • Two-way, full-range planar design • Self-resetting gel switches provide overload protection • Includes required installation supplies

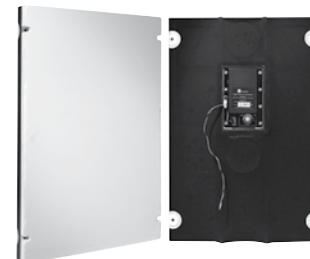
SA2*

SPECIFICATIONS

Radiating Surface:	294.0 in ² (1869 cm ²) planar diaphragm
Tweeter System:	0.82 lb (0.37 kg) magnet with 1.02" (26mm) voice coil; 12dB/octave high-pass crossover @ 2kHz
Woofer System:	0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil; 12dB/octave low-pass crossover
Frequency Response:	70Hz – 20kHz ± 4dB
Impedance:	4 ohms nominal, 3.5 ohms minimum
Power Handling:	60 watts RMS as per EIA standard RS-426-A
Transformer:	Primary voltage: 70V; 100V Primary taps (70V): 0.5W, 1W, 2W, 4W, 8W, 32W Primary taps (100V): 1W, 2W, 4W, 8W, 16W, 32W 8-ohm bypass
Sensitivity:	90dB (1W/1 meter)
Dispersion:	140° hemispherical, up to 20kHz
Overload Protection:	Two independent self-resetting gel switches (low-frequency and high-frequency)
Dimensions (W x H x D):	14" x 21" x 3" (356mm x 534mm x 76mm)
Shipping Weight:	16 lbs (7.3kg) each

*The SA2 speaker replaces the SA2C and SA2R speakers.

Note: Requires PBB4 backbox for in-wall installations or PBB6 backbox for in-ceiling installations. See below.



PART#	40046
QUANTITY	EACH

*Now sold as each.

SONANCE INVISIBLE SERIES ACCESSORIES

	Part #	Page#	QTY
SA2 backbox (in-wall installations)	40065	142	each
SA2 backbox (in-ceiling installations)	40066	142	each
SA2 installation compensation circuit	40067	143	each
SA2 installation kit	40069	137	each

COMMERCIAL SERIES WIDE DISPERSION SPEAKERS

WIDE DISPERSION CEILING LOUDSPEAKERS

When appearance is just as important as performance, the Sonance CT8 and CT10 provide the integrator with just the right balance. The CT8 and CT10 are unique, extended-bandwidth, wide-dispersion planar loudspeakers designed for use in commercial installations. The CT10 features concealed mounting hardware that results in a more discreet appearance than conventional speakers. The CT10 and CT8 are UL-listed for general signaling and plenum use when installed with the PBB8-10 Backbox.



PART# 40055
QUANTITY PAIR



CT10

Specifications

Radiating Surface:	125 in ² (806.5cm ²) planar diaphragm (fits standard 8-inch diameter speaker openings)
Driver System:	0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil
Frequency Response:	80Hz – 15kHz ±4dB
Power Rating:	20 watts RMS as per EIA standard RS-426-A
Pressure Sensitivity:	94dB, 1W/1m
Maximum Output:	106dB @ 1m
System Impedance:	8 ohms nominal; 5.5 ohms minimum
Transformer:	Primary voltage: 70 volts Primary Taps: 0.5W, 1W, 2W, 4W, 8W, 16W 8-ohm bypass
Dimensions (Dia x D):	13" x 23/8" (330mm x 60mm)
Net Weight:	4.2 lbs (1.9kg) each
Shipping Weight:	6 lbs (2.73kg) pair
Certifications:	UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

Note: Requires PBB8-10 backbox for UL listing. See below.



PART# 40054
QUANTITY PAIR



CT8

Specifications

Radiating Surface:	85.5 in ² (532.3cm ²) Planar Diaphragm (fits standard 8-inch diameter speaker openings)
Driver System:	0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil
Frequency Response:	80Hz – 15kHz ±4dB
Power Rating:	20 watts RMS as per EIA standard RS-426-A
Pressure Sensitivity:	94dB, 1W/1m
Maximum Output:	106dB @ 1m
System Impedance:	8 ohms nominal; 5.5 ohms minimum
Transformer:	Primary voltage: 70 volts Primary Taps: 0.5W, 1W, 2W, 4W, 8W, 16W 8-ohm bypass
Dimensions (Dia x D):	13" x 23/8" (330mm x 60mm)
Net Weight:	4.2 lbs (1.9kg) each
Shipping Weight:	12.0 lbs (5.5kg) pair
Certifications:	UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

Note: Requires PBB8-10 backbox for UL listing. See below.

COMMERCIAL SERIES WIDE DISPERSION SPEAKER ACCESSORIES

	Part #	QTY
PBB8-10 backbox	40060	10-pack
UMB8-10 universal mounting bracket	40053	10-pack

COMMERCIAL SERIES FASTMOUNT OUTDOOR SPEAKERS

FASTMOUNT SPEAKERS

FastMount outdoor speakers establish a new benchmark for performance, weather resistance, and safe, easy installation in commercial/professional outdoor speakers. The exclusive FastMount bracket allows these loudspeakers to quickly snap and lock securely into place. Once installed, the time required to precisely align an array of speakers is greatly reduced by an indexed positioning system that ensures consistent position and alignment. All FastMount models feature a durable, paintable, weather-resistant polypropylene enclosure and paintable perforated aluminum grille. All models are available in black and white.

FMS860

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	8" (203mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz $\pm$ 3dB
Nominal Sensitivity:	91dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	5 watts minimum; 125 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	14" x 9" x 9¼" (356mm x 229mm x 235mm)
Installed Dimensions:	See diagram on page 118
Shipping Weight:	20 lbs (9.0kg) pair



PART# (WHITE) 40080
PART# (BLACK) 40081
QUANTITY PAIR

FMS660

SPECIFICATIONS

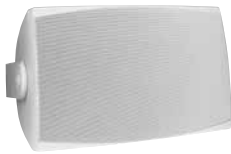
Tweeter:	1" (25mm) polyurethane dome
Woofer:	6½" (165mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	55Hz – 20kHz $\pm$ 3dB
Nominal Sensitivity:	89dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	5 watts minimum; 80 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	12" x 7½" x 7⅛" (305mm x 191mm x 181mm)
Installed Dimensions:	See diagram on page 118
Shipping Weight:	14 lbs (6.4kg) pair



PART# (WHITE) 40078
PART# (BLACK) 40079
QUANTITY PAIR

COMMERCIAL SERIES FASTMOUNT OUTDOOR SPEAKERS

FMS530



PART# (WHITE) 40076
PART# (BLACK) 40077
QUANTITY PAIR

SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	5¼" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Nominal Sensitivity:	88dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 3,8W, 7.5W, 15W, 30W Primary taps (100V): 7.5W, 15W, 30W 8-ohm bypass
Power Handling:	5 watts minimum; 70 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	10¼" x 6½" x 6" (260mm x 165mm x 153mm)
Installed Dimensions:	See diagram below
Shipping Weight:	12 lbs (5.5kg) pair

FASTMOUNT OUTDOOR SPEAKER ACCESSORIES

	Part #	Page #	QTY
FMS860 grille (black/white)	40117/40116	N/A	each
FMS660 grille (black/white)	40115/40114	N/A	each
FMS530 grille (black/white)	40113/40112	N/A	each

FASTMOUNT OUTDOOR SPEAKER INSTALLED DIMENSIONS

FMS860:

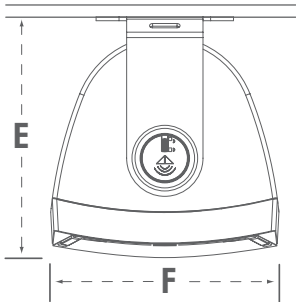
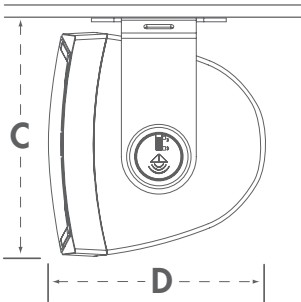
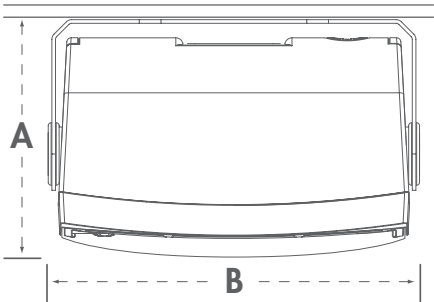
- A: 10" (254mm)
- B: 14¾"(375mm)
- C: 11" (279mm)
- D: 9½" (241mm)
- E: 10" (254mm)
- F: 9" (229mm)

FMS660:

- A: 9" (229mm)
- B: 13" (330mm)
- C: 8¾" (222mm)
- D: 7½" (191mm)
- E: 9" (229mm)
- F: 7¾" (197mm)

FMS530:

- A: 6¾" (171mm)
- B: 11" (279mm)
- C: 7" (178mm)
- D: 6" (152mm)
- E: 6¾" (171mm)
- F: 6½" (165mm)



COMMERCIAL SERIES INDOOR/OUTDOOR SPEAKERS

COMMERCIAL SERIES INDOOR/OUTDOOR SPEAKERS

Sonance Commercial Series Indoor/Outdoor Speaker's weather-resistant design gives you the flexibility of use in both indoor and outdoor installations. A rotary switch on the rear of the speaker allows selection of 70V, 100V, or 8-ohm operation. Includes C-bracket for installation on walls and columns, or under eaves.

SM516

SPECIFICATIONS

Tweeter:	5/8" (16mm) polycarbonate dome
Woofer:	5 1/4" (133mm) polypropylene cone with a rubber surround
Frequency Range:	65Hz – 20kHz (–10dB)
Nominal Sensitivity:	88dB SPL (2.83V/1meter)
Nominal Coverage Angle:	90° horizontal, 90° vertical
Directivity Factor:	2.94 averaged from 500Hz to 4kHz
Directivity Index:	3.50 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 2W, 4W, 8W, 16W Primary taps (100V): 2W, 4W, 8W, 16W 8-ohm bypass
Power Handling:	60 watts maximum program power; 40 watts continuous pink noise
Enclosure Material:	White ABS
Baffle Material:	White ABS
Grille:	Paintable weather-resistant aluminum
Input Termination:	4-post barrier strip with two input terminals and two loop-through terminals
Dimensions (W x H x D):	6 1/8" x 9 3/8" x 6 1/2" (156mm x 238mm x 165mm)
Net Weight:	8 lbs (3.63kg) each
Shipping Weight:	19 lbs (8.61kg) pair



PART# (WHITE) 40074
PART# (BLACK) 40075
QUANTITY PAIR

COMMERCIAL SERIES IN-CEILING SPEAKERS

SPECIAL FEATURES

Integrated backcans • Front-baffle accessible transformer taps • Polypropylene cone woofers and cloth dome tweeters ensure superior quality sound in foreground music, public address, and paging applications • Wide dispersion (120° conical) allows larger areas to be adequately covered by fewer speakers • Integrated, deep-drawn steel backcan and integrated Roto-Lock clamps allow installation from within the room • Fire-rated ABS baffles meet UL94V-0 fire rating • Weather-resistant perforated aluminum grilles can be painted to match the installation surroundings • CM860 is compatible with Sonance Original Series Large round Flex brackets • CM660 is compatible with Sonance Original Series Medium round Flex brackets • CM860 available in white and black



PART# (WHITE) 40073
PART# (BLACK) 40122
QUANTITY PAIR

CM860

SPECIFICATIONS

Tweeter:	1" (25mm) cloth dome, pivoting
Woofers:	8" (203mm) polypropylene cone with a rubber surround
Frequency Range:	50Hz – 20kHz (–10dB)
Nominal Sensitivity:	90dB (2.83V/1meter)
Nominal Coverage Angle:	120° conical
Pressure Sensitivity:	92dB, 1W/1m
Directivity Factor:	5.9 averaged from 500Hz to 4kHz
Directivity Index:	4.6 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	140 watts maximum program power; 70 watts continuous pink noise
Enclosure Type:	Deep-drawn steel back can
Baffle Material:	ABS (meets UL94V-0 fire rating)
Grille:	Paintable weather-resistant aluminum
Input Termination:	Locking removable quick-connect with two input terminals and two loop-through terminals
Dimensions (Dia x D):	12" x 9½" (305mm x 241mm)
Cut-Out Diameter:	10" (254mm)
Net Weight:	11 lbs (5kg) each
Shipping Weight:	23 lbs (10.4kg) pair
Included Accessories:	C-support plate, 2 internationally-compatible tile support rails, cut-out template, paint plug, removable quick-connect wire terminator
Certifications:	UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

COMMERCIAL SERIES CM860 IN-CEILING SPEAKER ACCESSORIES

	Part #	Page#	QTY
CM860 metal grille (black/white)	40124/40121	N/A	each
CM860 C-mount ring assembly	40119	N/A	1 pair
CM860 metal rough-in bracket	40125	N/A	3 pair

COMMERCIAL SERIES IN-CEILING SPEAKERS

CM660

SPECIFICATIONS

Tweeter:	3/4" (19mm) cloth dome, pivoting
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Range:	65Hz – 20kHz (-10dB)
Nominal Sensitivity:	89dB SPL (2.83V/1meter)
Nominal Coverage Angle:	120° conical
Directivity Factor:	5.9 averaged from 500Hz to 4kHz
Directivity Index:	4.6 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	140 watts maximum program power; 70 watts continuous pink noise
Enclosure Type:	Deep-drawn steel back can
Baffle Material:	ABS (meets UL94V-0 fire rating)
Grille:	Paintable weather-resistant aluminum
Input Termination:	Locking removable quick-connect with two input terminals and two loop-through terminals
Dimensions (Dia x D):	9 3/4" x 7 1/2" (248mm x 191mm)
Cut-Out Diameter:	8 5/32" (207mm)
Net Weight:	8 lbs (3.63kg) each
Shipping Weight:	19 lbs (8.61kg) pair
Included Accessories:	C-support plate, 2 internationally-compatible tile support rails, cut-out template, paint plug, removable quick connect wire terminator
Certifications:	UL-1480, NFPA-70, CE (US and Canada)
Note: Not suitable for air-handling spaces	



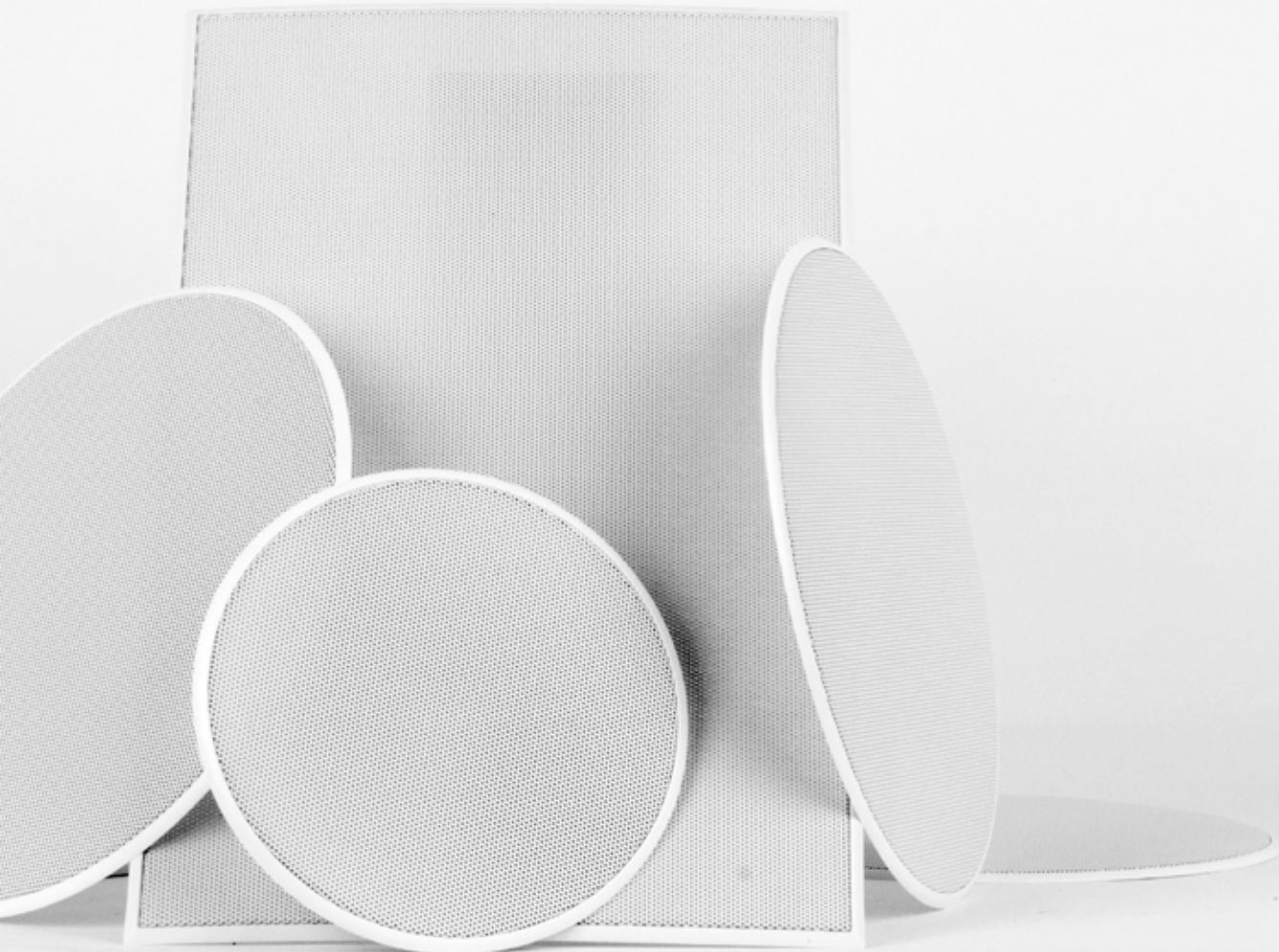
PART#	40072
QUANTITY	PAIR

COMMERCIAL SERIES CM660 IN-CEILING SPEAKER ACCESSORIES

	Part #	Page#	QTY
CM660 metal grille (white)	40120	N/A	1 pair
CM660 C-mount ring assembly	40118	N/A	1 pair
CM660 metal rough-in bracket	40126	N/A	3 pair

SPEAKER ACCESSORIES

Sonance offers a full range of speaker accessories to fit all your custom installation needs for Visual Performance Series, Original Series, Contractor Series, Cinema Series, Outdoor Series and Commercial Series speakers. Replacement grilles, cloth grille options, wood acoustic enclosures, retrofit enclosures, fire-rated backcans, coverplates, adapters, and a variety of brackets are available.



VISUAL PERFORMANCE SERIES GRILLES AND COVERPLATES

VISUAL PERFORMANCE RECTANGLE GRILLE

Fits all Visual Performance Series Rectangle speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity
Large	92614	PAIR
Medium	92611	PAIR
Small	92608	PAIR



VISUAL PERFORMANCE ROUND GRILLE

Fits all Visual Performance Series Round speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity
Large	92615	PAIR
Medium	92612	PAIR
Small	92609	PAIR



VISUAL PERFORMANCE SQUARE GRILLE

Fits all Visual Performance Series Rectangle speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity
Large	92616	PAIR
Medium	92613	PAIR
Small	92610	PAIR



VISUAL PERFORMANCE MEDIUM LCR GRILLE

Fits all Visual Performance Series Medium LCR speakers.
The one-piece grille is made of perforated steel and plastic.



PART#	92806
QUANTITY	EACH

VISUAL PERFORMANCE SERIES GRILLES



VISUAL PERFORMANCE EXTREME RECTANGLE GRILLE

Fits the VP65 XT. The one-piece grille is made of powder-coated stainless steel and plastic.

PART# 92812
QUANTITY EACH



VISUAL PERFORMANCE EXTREME ROUND GRILLE

Fits the VP65R XT and VP65R SST XT. The one-piece grille is made of powder-coated stainless steel and plastic.

PART# 92813
QUANTITY EACH



VISUAL PERFORMANCE EXTREME SQUARE GRILLE

Fits the VP65S XT. The one-piece grille is made of powder-coated stainless steel and plastic.

PART# 92814
QUANTITY EACH

ORIGINAL SERIES GRILLES



ORIGINAL SERIES RECTANGLE GRILLE

Fits all Original Series Rectangle speakers. The grille is made of perforated aluminum.

	Part #	Quantity
Large	92289	PAIR
Medium	92100	PAIR
Small	92087	PAIR

ORIGINAL SERIES GRILLES

ORIGINAL SERIES ROUND GRILLE

Fits all Original Series Round speakers. The grille is made of perforated aluminum.

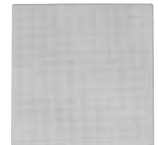
	Part #	Quantity
Large	92290	PAIR
Medium	92101	PAIR
Small	92088	PAIR



ORIGINAL SERIES SQUARE METAL GRILLE

Fits all Original Series square speakers. The grille is made of perforated aluminum.

	Part #	Quantity
Medium	92458	PAIR
Small	92599	PAIR



ORIGINAL SERIES LCR METAL GRILLE

Fits Original Series 623 LCR speakers. The grille is made of perforated aluminum. Sold each.



PART#	92738
QUANTITY	EACH

ORIGINAL SERIES EXTREME RECTANGLE METAL GRILLE

Fits Original Series XT speakers. The grille is made of white powder-coated certified 316 stainless steel. Sold in pairs.



PART#	92212
QUANTITY	PAIR

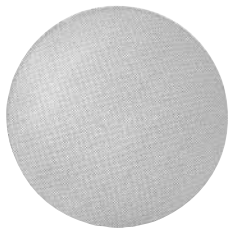
ORIGINAL SERIES EXTREME ROUND METAL GRILLE

Fits Original Series XTR and XTSSR speakers. The grille is made of white powder-coated certified 316 stainless steel. Sold in pairs.



PART#	92213
QUANTITY	PAIR

CONTRACTOR SERIES GRILLES



PART# 92013
QUANTITY PAIR

CONTRACTOR SERIES CR801 METAL GRILLE

Fits CR801 speakers. The grille is made of perforated aluminum.
Sold in pairs.



PART# 91943
QUANTITY PAIR

CONTRACTOR SERIES RECTANGLE METAL GRILLE

Fits C201 and C101 speakers. The grille is made of perforated aluminum.
Sold in pairs



PART# 91944
QUANTITY PAIR

CONTRACTOR SERIES ROUND METAL GRILLE

Fits CR201, CR101, and CR101SST speakers. The grille is made of perforated aluminum.
Sold in pairs.



PART# 141215
QUANTITY EACH

CONTRACTOR SERIES SQUARE METAL GRILLE

Fits C201SQ speakers. The grille is made of perforated aluminum.
Sold each.

CINEMA LCR1/SUR1 GRILLE

Fits the Cinema LCR1 and SUR1. The one-piece grille is made of perforated steel and plastic.
Sold in pairs.



PART#	92690
QUANTITY	EACH

CINEMA LCR2/SUR2 GRILLE

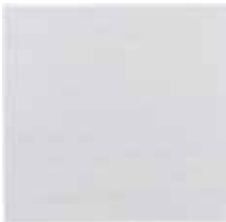
Fits the Cinema LCR2 and SUR2. The one-piece grille is made of perforated steel and plastic.
Sold in pairs



PART#	92691
QUANTITY	EACH

CINEMA SUB10-250 GRILLE

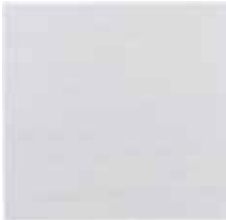
Visual Performance replacement grille for Cinema In-Wall Subwoofer 10-250.
Sold each



PART#	92894
QUANTITY	EACH

CINEMA SUB12-500 GRILLE

Visual Performance replacement grille for Cinema In-Wall Subwoofer 12-500.
Sold each



PART#	92895
QUANTITY	EACH

CINEMA SERIES GRILLES/MARINER SERIES GRILLES



PART# 92883
QUANTITY EACH

CINEMA CABINET LCR1 GRILLE

Black cloth replacement grille for Cinema Cabinet LCR1 speaker.
Sold in each



PART# 92882
QUANTITY PAIR

CINEMA CEILING SQUARE LCR/SUR GRILLE

Fits the Cinema Series In-Ceiling speakers Cinema LCR1S, SUR1S and LCR.5S.
Sold in pairs



PART# 92100
QUANTITY PAIR

CINEMA SELECT METAL GRILLE

Fits Cinema Select LCR and SUR speakers and all Original Series Medium rectangle speakers. The grille is made of perforated aluminum.
Sold in pairs.

MARINER SERIES GRILLES



WHITE
PART# 92254
QUANTITY PAIR

MARINER 82 GRILLE

Replacement grilles for Mariner 82 speakers. Available in white or black, sold in pairs.

BLACK
PART# 92255
QUANTITY PAIR

MARINER SERIES GRILLES

MARINER 63, 62 AND 61 GRILLE

Replacement grilles for Mariner 63, 62 and 61 speakers, including SST models. Available in black or white, sold in pairs.



WHITE
PART# 92252
QUANTITY PAIR

BLACK
PART# 92253
QUANTITY PAIR

MARINER 52 AND 51 GRILLE

Replacement grilles for Mariner 52 and 51 speakers, including SST models. Available in white or black, sold in pairs.



WHITE
PART# 92250
QUANTITY PAIR

BLACK
PART# 92251
QUANTITY PAIR

ELLIPSE SERIES GRILLES

ELLIPSE LCR GRILLE

Fits Ellipse 1.0 LCR speakers. The grille is made of perforated aluminum. Sold each.



PART# 92009
QUANTITY EACH

ELLIPSE SUR GRILLE

Fits Ellipse SUR speakers. It will also fit Ellipse LCR speakers. The grille is made of perforated aluminum. Sold in pairs.



PART# 92010
QUANTITY PAIR

CABINET SPEAKER GRILLES



PART# 701114
QUANTITY each

CINEMA SELECT LCR CABINET SPEAKER/
ORIGINAL SERIES 622C CABINET SPEAKER GRILLE

Replacement cloth grille fits Cinema Select LCR Cabinet speaker and Original Series 622C Cabinet speaker.
Sold each.



PART# 700493
QUANTITY each

SYMPHONY 623 LCR CABINET SPEAKER GRILLE*

Replacement cloth grille fits Symphony 623 LCR Cabinet speaker.
*While supplies last.



PART# 142662
QUANTITY each

SUB12-250 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB12-250 Cabinet Subwoofer.
Sold each.

SUB10-150 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB10-150 Cabinet Subwoofer.
Sold each.



PART#	142661
QUANTITY	each

SUB8-100 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB8-100 Cabinet Subwoofer.
Sold each.



PART#	142660
QUANTITY	each

COVERPLATES



RECTANGLE COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Visual Performance Series and Original Series rectangle speakers.

	Part #	Quantity
Large	92244	PAIR
Medium	92334	PAIR



ROUND COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Visual Performance Series and Original Series round speakers.

	Part #	Quantity
Large	92245	PAIR
Medium	92335	PAIR



ELLIPSE COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Ellipse Series speakers.

Sold each, with flex bars.

PART#	91974
QUANTITY	EACH

INSTALLATION AND MOUNTING BRACKETS

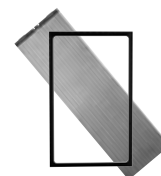
Sonance offers a variety of brackets that make it easy to solve any installation riddle.

RECTANGLE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series rectangle speakers.

Sold in 5-pair boxes.

	Part #	Quantity
Large	92246	5 PAIR
Medium	92336	5 PAIR
Small	92470	5 PAIR

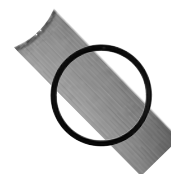


ROUND FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. It can be used with all Visual Performance Series and Original Series round speakers.

Sold in 5-pair boxes.

	Part #	Quantity
Large	92247	5 PAIR
Medium	92337	5 PAIR
Small	92471	5 PAIR



SQUARE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series square speakers.

Sold in 5-pair boxes.

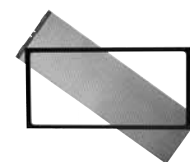
	Part #	Quantity
Large	92801	5 PAIR
Medium	92344	5 PAIR
Small	92472	5 PAIR



MEDIUM LCR FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series Medium LCR speakers.

Sold each.



PART#	92475
QUANTITY	EACH

VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES BRACKETS



PART# 900651
QUANTITY 5 PAIR

MEDIUM RECTANGLE STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers, and Cinema Select LCR/SUR speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# 901067
QUANTITY 5 PAIRS

LARGE RECTANGLE STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series and Original Series Large Rectangle speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# 92066
QUANTITY PAIR

MEDIUM RECTANGLE MASONRY BRACKET

This thin plastic bracket provides a surface in brick walls to use Roto-Lock mounting systems, allowing speakers to be installed into walls constructed using brick and finished with plaster. It can be used with all Visual Performance Series, Original Series and Contractor Series Medium rectangle speakers and Cinema Select LCR/SUR speakers.

Sold in pairs.



PART# 901049
QUANTITY 5 PAIR

MEDIUM ROUND STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series, Original Series and Contractor Series Medium round speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# 91942
QUANTITY PAIR

CONTRACTOR SERIES SQUARE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used only with Contractor Series C201SQ speakers.

Sold in pairs.



PART# 92067
QUANTITY PAIR

SMALL RECTANGLE MASONRY BRACKET

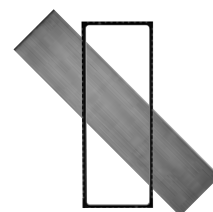
This thin plastic bracket provides a surface in brick walls to use Roto-Lock mounting systems, allowing speakers to be installed into walls constructed using brick and finished with plaster. It can be used with all Visual Performance Series and Original Series Small rectangle speakers.

Sold in pairs.

CINEMA LCR1/SUR1 FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used only with Cinema LCR1 and SUR1 speakers.

Sold each.

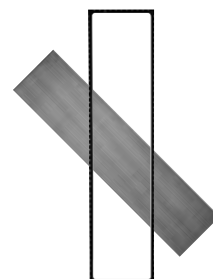


PART#	92499
QUANTITY	EACH

CINEMA LCR2/SUR2 FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used only with Cinema LCR2 and SUR2 speakers.

Sold each.



PART#	92500
QUANTITY	EACH

CINEMA CEILING FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with the Cinema Series In-Ceiling speakers.

Sold each.



PART#	92800
QUANTITY	EACH

CINEMA SELECT FLEX BRACKET

Thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. Snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Configurable horizontally or vertically. Centering marks. It can be used with Cinema Select LCR/SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers.

Sold in 5-pair boxes.



PART#	92336
QUANTITY	5 PAIRS

CINEMA SERIES BRACKETS



PART# 900651
QUANTITY 5 PAIR

CINEMA SELECT STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with Cinema Select LCR and SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# 92066
QUANTITY PAIR

CINEMA SELECT MASONRY BRACKET

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with Cinema Select LCR/SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in pairs.

ELLIPSE SERIES BRACKETS



PART# 91922
QUANTITY EACH

ELLIPSE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used with Ellipse 1.0 LCR and SUR speakers.

Sold each.

MARINER SERIES BRACKETS



PART# (WHITE) 92185
PART# (BLACK) 92186
QUANTITY EACH

MARINER EXTREME ACCESSORY KIT

Designed to fit Mariner 63, Mariner 62 and Mariner 61 speakers, this kit includes one stainless steel grille and one stainless steel FastMount bracket assembly. Mariner speakers outfitted with these parts are ideal for use in installations where the speakers will be exposed to extreme weather, permanent outdoor installations in severe climates or near the ocean, and in installations on boats used at sea.

Available in black and white.

SA3, SAW, AND SA1.5 SPACE SAVERS

Reusable units designed to be installed in new construction to reserve locations for the speakers during the early stages of construction. At the appropriate time, the speaker installer removes the Space Saver and replaces it with the Invisible Series speaker.
Available for the SA3/SAW and the SA1.5.

SA3/SAW Space Saver SPECIFICATIONS

Dimensions (W x H x D):	16" x 24" x 3 1/2" (406mm x 610mm x 89mm)
Shipping Weight:	8 lbs (3.6kg) each
Net Weight:	5 lbs (2.3kg) each

SA1.5 Space Saver SPECIFICATIONS

Dimensions (W x H x D):	12" x 16" x 3 1/2" (305mm x 406mm x 89mm)
Shipping Weight:	5 lbs (2.3kg) each
Net Weight:	3 lbs (1.4kg) each



PART#	
(SA3/SAW)	92723
QUANTITY	EACH

PART# (SA1.5)	92722
QUANTITY	EACH

SA2 REPLACEMENT INSTALLATION KIT

Replacement kit contains required installation supplies that are included with the SA speakers. Each kit contains the following items (enough to install two SA speakers):

- (2) Vellum overlays
- (2) 8-oz bags of joint compound
- (4) #10 – 24 x 3 hex screws
- (4) #8 washers
- (4) High-density rubber standoffs
- (1) 5/32 hex wrench
- (1) 8-oz jar of overlay adhesive
- (1) Measuring cup

PART#	40069
QUANTITY	EACH

VP SERIES, ORIGINAL SERIES & CONTRACTOR SERIES WOOD ACOUSTIC ENCLOSURES

ACOUSTIC ENCLOSURES, BACKBOXES AND BACKCANS

Sonance acoustic enclosures and retrofit backboxes provide significant performance enhancement and sound spillover reduction. Fire-rated backcans perform in accordance with various ASTM and UL safety tests.



PART# 91708
QUANTITY EACH

LARGE RECTANGLE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Large rectangle speakers and woofers. It offers premium design for the finest sonic performance.

Internal Volume: 1.4 ft³
Dimensions* (W x H x D): 14" x 60" x 3 1/2" (356mm x 1524mm x 89mm)
Cut-Out Dims. (W x H): 8 11/16" x 14 11/16" (221mm x 373mm)
Shipping Weight: 38 lbs (17.3kg)

*Add thickness of wall material to listed depth to arrive at total depth

Note: Enclosure depth is sufficient to accommodate the recommended speakers when installed behind 1/2" or thicker drywall.



PART# 91900
QUANTITY EACH

LARGE ROUND WOOD ACOUSTIC ENCLOSURE

An acoustically-optimized 1/2" MDF enclosure that delivers free-standing speaker performance from Visual Performance Series and Original Series Large round speakers and woofers.

Internal volume: 1.0 ft³
Dimensions* (W x H x D): 14" x 27" x 6" (356mm x 686mm x 153mm)
Cut-Out Diameter: 10 1/4" (260mm)
Shipping Weight: 38 lbs (17.3kg)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# 92481
QUANTITY EACH

LARGE SQUARE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Large square speakers. It offers premium design for the finest sonic performance.

Internal Volume: 1.0 ft³
Dimensions* (W x H x D): 14" x 27" x 6" (356mm x 686mm x 153mm)
Cut-Out Dims. (W x H): 10 1/4" x 10 1/4" (260mm x 260mm)
Shipping Weight: 38 lbs (17.3kg)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# 91687
QUANTITY EACH

MEDIUM RECTANGLE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series, Original Series and Contractor Series Medium rectangle speakers. It offers premium design for the finest sonic performance.

Internal Volume: 0.62 ft³
Dimensions* (W x H x D): 14" x 36" x 3 1/2" (356mm x 914mm x 89mm)
Cut-Out Dims. (W x H): 7 1/8" x 10 7/8" (181mm x 276mm)
Shipping Weight: 22 lbs (10kg)

*Add thickness of wall material to listed depth to arrive at total depth

MEDIUM ROUND WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series, Original Series and Contractor Series Medium round speakers. It offers premium design for the finest sonic performance.

Internal Volume:	0.62 ft ³
Dimensions* (W x H x D):	14" x 20 1/2" x 5 1/4" (356mm x 521mm x 133mm)
Cutout Diameter:	8 1/2" (216mm)
Shipping Weight:	16 lbs (7.3kg)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART#	91688
QUANTITY	EACH

MEDIUM SQUARE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Medium square speakers. It offers premium design for the finest sonic performance.

Internal Volume:	0.62 ft ³
Dimensions* (W x H x D):	14" x 20 1/2" x 5 1/4"
Cut-Out Dims. (W x H):	83/8" x 83/8" (213mm x 213mm)
Shipping Weight:	16 lbs (7.3kg)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART#	92474
QUANTITY	EACH

SMALL SQUARE WOOD ACOUSTIC ENCLOSURE

Fully-braced 1/2" MDF enclosure designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Small Square speakers. Premium design for the finest sonic performance.

Internal Volume:	0.56 cu. ft.
Dimensions* (W x H x D):	14" x 12 1/4" x 4" (356mm x 311mm x 101mm)
Cut-Out Dims. (W x H):	55/8" x 55/8" (143mm x 143mm)
Shipping Weight:	8 lbs (3.6kg)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART#	92449
QUANTITY	EACH

CINEMA SELECT WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Cinema Select LCR and SUR speakers. It offers premium design for the finest sonic performance.

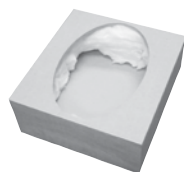
Internal Volume:	0.62 ft ³
Dimensions* (W x H x D):	14" x 36" x 3 1/2" (356mm x 914mm x 89mm)
Cut-Out Dims. (W x H):	71/8" x 107/8" (181mm x 276mm)
Shipping Weight:	22 lbs (10kg)

*Add thickness of wall material to listed depth to arrive at total depth



PART#	91687
QUANTITY	EACH

ELLIPSE SERIES WOOD ACOUSTIC ENCLOSURES



PART# 91921
QUANTITY EACH

ELLIPSE WOOD ACOUSTIC ENCLOSURE

This acoustic enclosure for Ellipse 1.0 LCR and Ellipse SUR features 1/2" MDF construction with damping material.

Internal Volume: 0.54 ft3
Dimensions* (W x H x D): 14" x 15 1/4" x 6" (356mm x 387mm x 152mm)

*Add thickness of wall or ceiling material to listed depth to arrive at total depth

VISUAL PERFORMANCE SERIES / ORIGINAL SERIES RETROFIT ENCLOSURES



RECTANGLE RETROFIT ENCLOSURE

This glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. It is retrofittable on all Visual Performance Series and Original Series rectangle speakers.

	Part #	Quantity
Large	92242	PAIR
Medium	92342	PAIR
Small	92442	PAIR



ROUND AND SQUARE RETROFIT ENCLOSURES

This glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. It is retrofittable on all Visual Performance Series and Original Series round and square speakers.

	Part #	Quantity
Large	92243	PAIR
Medium	92343	PAIR
Small	92443	PAIR



MEDIUM LCR RETROFIT ENCLOSURE

Glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. The enclosure is retrofittable on Visual Performance Series Medium LCR speakers.

PART# 92836
QUANTITY EACH

CINEMA SERIES IN-WALL ACOUSTIC ENCLOSURES

CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES

Feature a combination of 1/2" and 1" MDF materials for superior isolation of bass; extruded aluminum bracing for minimal obstruction of airflow inside the enclosure; mass damping of front and back walls of enclosure; long-strand fiberglass internal damping for standing wave dissipation; dual positive and negative terminals for maximum wire durability; floating enclosure design minimizes vibration transfer to adjoining rooms; fits in standard 2x4 stud bay; blank pre-construction plate for easy installation.

CINEMA SUB10-250 ENCLOSURE

SPECIFICATIONS

Internal Volume	.80 cubic feet (22.6 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB10-250 only
Enclosure Dimensions (WxHxD)	14 1/4" x 47 1/4" x 37/16" (362mm x 1200mm x 87mm)
Mounting Depth	33/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included



PART#	92874
QUANTITY	EACH

CINEMA SUB12-500 ENCLOSURE

SPECIFICATIONS

Internal Volume	1.20 cubic feet (34.3 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB12-500 only
Enclosure Dimensions (WxHxD)	14 1/4" x 70 7/8" x 37/16" (362mm x 1800mm x 87mm)
Mounting Depth	33/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included



PART#	92875
QUANTITY	EACH

INVISIBLE SERIES BACKBOXES



PART# (PBB4) 40065
PART# (PBB6) 40066
QUANTITY EACH

INVISIBLE SERIES BACKBOXES

Metal backboxes that reduce sound transmission into adjacent spaces and are required for all SA2 installations in spaces deeper than 4 inches. Available in 4-inch depth for walls (PBB4) and 6-inch depth for ceilings (PBB6). UL 1480 certification.

PBB4 Dimensions (W x H x D): 14¼" x 21¼" x 3¼" (362mm x 540mm x 83mm)
PBB6 Dimensions (W x H x D): 14¼" x 21¼" x 5¼" (362mm x 540mm x 133mm)
PBB4 Shipping Weight: 8.4 lbs (3.8kg)
PBB6 Shipping Weight: 10.1 lbs (4.6kg)

VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES FIRE-RATED BACKCANS



PART# 91908
QUANTITY EACH

FIRE-RATED (LISTED) LARGE ROUND BACKCAN*

Provides 1-hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board ceiling assembly with an appropriate Sonance Flex Bracket. Includes ceramic fiber insulation and Snap2it wire clamps. Painted steel construction. It can be used with all Visual Performance Series and Original Series Large round speakers. WHI Design Listing DII/PH60-04.

Mounting Plate Dims. (W x H): 17¾" x 18" (451mm x 457mm)
Can Dimensions (W x H x D): 13" x 16½" x 6½" (330mm x 419mm x 165mm)
Cut-Out Diameter: 107/16" (265mm)
Shipping Weight: 10 lbs (4.5kg)

*While supplies last.



PART# (shallow) 92807
QUANTITY EACH

PART# (deep) 92808
QUANTITY EACH

FIRE-RATED (LISTED) DEEP AND SHALLOW BACKCANS

Provides 1-hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board wall (shallow) or ceiling (deep) assembly with an appropriate Sonance Flex Bracket. WHI Design Listing DII/PH60-09. Includes ceramic fiber insulation and Snap2it wire clamps. Painted steel construction.

Available in shallow (315/32" — 88mm) and deep (531/32" — 152mm) models, and can be used with all Sonance in-wall and in-ceiling speaker models except for the following models:

- All Visual Performance Series and Original Series Large Rectangle speakers
- Visual Performance Series VP67 LCR and Original Series 623 LCR
- All Ellipse Series speakers
- Cinema Series LCR1, LCR2, SUR1, SUR2
- Cinema Ultra II LCR, SUR, Cinema SUB, and Cinema TWO.SUB
- All Silhouette Series speakers

Mounting Plate Dims (W x H): 17¾" x 18" (451mm x 457mm)
Can Dimensions (W x H): 1215/16" x 1615/16" (329mm x 430mm)
Deep Can Depth: 531/32" (152mm)
Shallow Can Depth: 315/32" (88mm)
Shipping Weight: 13 lbs (5.9kg) — deep; 11 lbs (5.0kg) — shallow

Note: Architectural Series 5/8" Gypsum Panel Brackets are manufactured with QuietRock® 525, a fire-rated material. They are compatible with the Fire-Rated Deep and Shallow Backcans.



PART# 91933
QUANTITY EACH

CONTRACTOR SERIES SQUARE FIRE-RATED BACKCAN

Provides 1 hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board ceiling assembly. Painted steel construction. It can be used only with Contractor Series C201SQ speakers.

Mounting Plate Dims (W x H): 23¾" x 19" (603mm x 483mm)
Can Dimensions (W x H x D): 13" x 16½" x 3½" (330mm x 419mm x 89mm)
Cut-Out Dims. (W x H): 75/16" x 75/16" (185mm x 185mm)

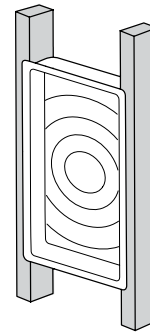
IN-WALL TREATMENTS

VAPOR BARRIER

Vapor barriers minimize the escape of warm air from the living space through the speaker location. Sonance Vapor Barriers are thin, flexible, and self-extinguishing. Fits 16-inch on-center stud construction. It can be stapled or glued to studs. We recommend stuffing the Vapor Barrier with 3" of non-backing type fiberglass or other damping material to reduce resonances.

SPECIFICATIONS

Construction:	PVC
Dimensions (W x H x D):	14" x 22" x 3½" (355mm x 559mm x 89mm)
Net Weight:	5 oz each



PART#	91703
QUANTITY	12 PAIR

INVISIBLE SERIES ELECTRONICS

ICC INSTALLATION COMPENSATION CIRCUIT

The ICC is a 2-channel active equalizer specifically-designed to provide correction for SA2 speaker performance variations due to surface finish and installation placement. Provides variable low-frequency and high-frequency equalization tailored to maximize SA2 performance, as well as spatial enhancement circuitry that expands the stereo soundstage. Occupies 1U in a standard 19 inch equipment rack (½-rack width). Includes rackmount extension panel, panel link and hardware.

SPECIFICATIONS

Inputs:	Unbalanced (gold-plated RCA)
Outputs:	Processed; direct (gold-plated RCA)
Controls:	LF compensation, HF compensation, Spatial enhancement, output level, cavity compensation
Dimensions (W x H x D):	9½" x 1²³⁄₃₂" x 5" (241mm x 44mm x 128mm)
Rack Space Requirements:	1U (½-rack width)
Shipping Weight:	2.9 lbs (1.4kg)



PART#	40067
QUANTITY	EACH

ELECTRONICS & ELECTRONIC ACCESSORIES

An elite audio system is only as good as its individual components. At Sonance, we have taken this philosophy to heart and developed a full line of amplifiers, control electronics, and accessories that allow your system to perform at its peak. Our passion for an unparalleled audio experience shows in every detail, and the breadth of our line of accessories enables you to configure a custom system that meets your needs precisely.



SONAMP MULTI-CHANNEL AMPLIFIERS

SPECIAL FEATURES

Highly efficient ICEpower® digital amplification • 65 watts RMS x 8 @ 8 ohms • Bridgeable to 250 watts RMS x 4 @ 8 ohms • Serial control capability (including volume control) via RS-232 connection • Compact 2U rack height chassis expands installation options (rack-mount ears included) • Individual protection circuitry for each zone • BBE® sound enhancement circuitry • Versatile input connections • Buffered line outputs • 12V input and output triggers and defeatable auto-on signal sensing • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Front-panel Zone Status, BBE ON and Fault LEDs for each zone • Available in 120V and 230V versions

SONAMP 875D MKII MULTI-CHANNEL AMPLIFIER

SPECIFICATIONS

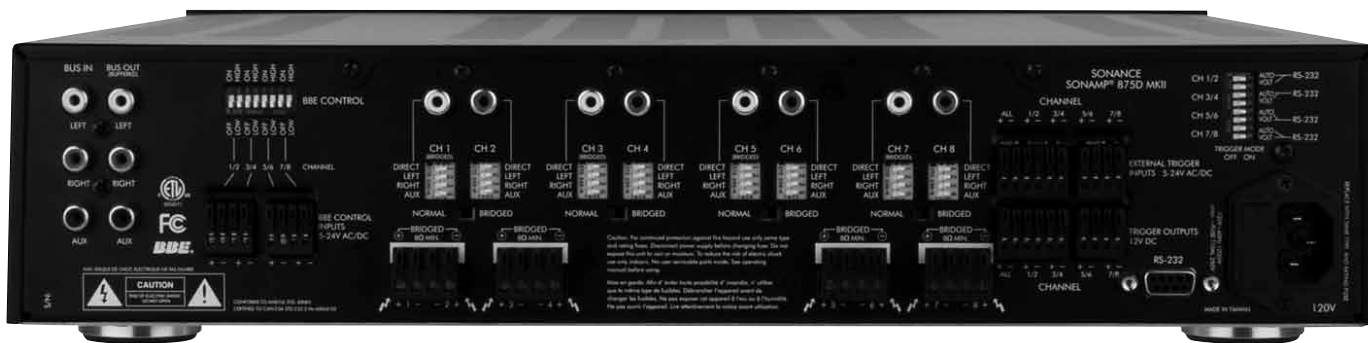
Number of Channels:	8 (four stereo pairs)
Power Output:	65 watts RMS per channel (x 8) @ 8 ohms 120 watts RMS per channel (x 8) @ 4 ohms
Power Output (Bridged):	250 watts RMS per channel (x 4) @ 8 ohms
Frequency Response:	20Hz – 20kHz, ±1dB (hi-pass filter OFF) -3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.10% (1kHz, 8 ohms) 0.25% (1kHz, 4 ohms)
Signal to Noise Ratio:	-96dB (w/22kHz A-WTG filter)
Input Sensitivity:	1.0V for 65W RMS @ 8 ohms 850mV w/BBE on (+3dB) 650mV w/BBE on (+6dB)
Input Impedance:	10k ohms
Max Source Input Voltage:	4.0 VAC RMS 3.0 VAC RMS w/BBE on
Loop Output Impedance (Buffered):	100 ohms
Serial Protocol (RS-232 Connection):	9600 Baud, N, 8, 1, single CR
Power Consumption:	1,200 watts maximum (4 ohms, full power)
AC Fuse (120V Version):	10A (T10AL ~ 250V)
AC Fuse (230V Version):	6.3A (T6.3AL ~ 250V)
Heat Output:	288 BTU/hour (8 ohms, rock music) 553 BTU/hour (4 ohms, rock music)
Dimensions (W x H x D):	16½" x 3½" x 17¼" (419mm x 98mm x 438mm)
Dimensions (w/Rack Ears, W x H x D):	19" x 3½" x 17¼" (483mm x 98mm x 438mm)
Rack Space Requirements:	2U (rack-mount ears included)
Shipping Weight:	24 lbs (10.9kg) each



BBE®

PART# (120V) 92804
QUANTITY EACH

PART# (230V) 92805
QUANTITY EACH



SONAMP MULTI-CHANNEL AMPLIFIERS

SPECIAL FEATURES

50 watts RMS x 12 @ 8 ohms, 75 watts RMS x 12 @ 4 ohms • Bridgeable to 100 watts RMS x 6 @ 8 ohms • Configurable input signal routing (left, right, aux and direct) • Nut-mounted audiophile RCA connectors can handle enhanced audio cables • Gold-plated 5-way binding post speaker connectors • Discrete volume control for each channel • Buffered outputs (left, right and aux busses) allows expansion to 24/36/48 channels • Switched 12V DC output controls external devices such as screens, relay boxes, and mechanical lifts • External control input (5~24 volts AC/DC, opto-isolated) • Auto-On mode switch (adjustable audio, voltage or defeat) • Available in standard and rack-mount (RMF) versions

SONAMP 1250 MKII

SPECIFICATIONS

Number of Channels:	12 (six stereo pairs)
Power Output:	50 watts RMS per channel (x 12) @ 8 ohms; (all channels driven) 75 watts RMS per channel (x 12) @ 4 ohms Power Output (bridged): 100 watts RMS per channel x 6 @ 8 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB
Dynamic Headroom:	+1.9dB x 12 @ 8 ohms; +1.8dB x 12 @ 4 ohms; ±3.5dB x 6 @ 8 ohms (bridged)
Total Harmonic Distortion:	<0.03% (20Hz – 20kHz @ 8 ohms, 50 watts) <0.06% (20Hz – 20kHz @ 4 ohms, 75 watts) <0.01% (1kHz @ 8 ohms, 50 watts); <0.01% (1kHz @ 4 ohms, 75 watts)
IM. Distortion (SMPTE 4:1):	<0.01% (50 watts @ 8 ohms)
Signal-to-Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	700 millivolts for 50 watts RMS @ 8 ohms
Input Impedance:	20k ohms
Power Consumption:	1800 watts maximum (4 ohms, full power); 8 watts idle (no signal)
AC Fuse:	15A (3AG 15A~120V)
Heat Output:	930 BTU/HR (8 ohms, rock music) 1395BTU/HR (4 ohms, rock music)
Dimensions (W x H x D):	16¾" x 9½" x 16½" (425mm x 241mm x 420mm)
RMF Dimensions (W x H x D):	19" x 8¾" x 16½" (483mm x 222mm x 420mm)
Rack Space Requirements:	5U
Shipping Weight:	55 lbs (25kg)

PART# 91784
QUANTITY EACH



PART# (RMF) 91785
QUANTITY EACH



PART# 141020
QUANTITY EACH

SONAMP 1250 MKII RMF FACEPLATE ONLY

Rack-mount faceplate converts 1250 MKII to 1250 MKII RMF

SONAMP MULTI-CHANNEL AMPLIFIERS

SPECIAL FEATURES

30 watts RMS x 12 @ 8 ohms, 45 watts RMS x 12 @ 4 ohms • Bridgeable to 60 watts RMS x 6 @ 8 ohms • Configurable input signal routing (left, right, aux and direct) with gold-plated connectors • 5-way binding post speaker connectors • Discrete volume control for each channel • Buffered outputs (left, right and aux busses) allows expansion to 24/36/48 channels • Switched 12VDC output controls external devices such as screens, relay boxes, and mechanical lifts • External control input (5~24 volts AC/DC, opto-isolated) • Auto-On mode switch (adjustable audio, voltage or defeat) • Available in standard and rack-mount (RMF) versions, both in 120V and 230V

SONAMP 1230

SPECIFICATIONS

Number of Channels:	12 (six stereo pairs)
Power Output:	30 watts RMS per channel (x 12) @ 8 ohms (all channels driven) 45 watts RMS per channel (x 12) @ 4 ohms
Power Output (bridged):	60 watts RMS per channel (x 6) @ 8 ohms
Frequency Response:	20Hz – 20kHz $\pm$ 1dB
Total Harmonic Distortion:	<0.03% 20Hz – 20kHz @ 8 ohms (30W RMS) <0.10% 20Hz – 20kHz @ 4 ohms (45W RMS)
IM. Distortion: (SMPTE 4:1):	<0.01% @ 30 watts, 8 ohms
Signal to Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	700 millivolt for 30 watts RMS @ 8 ohms
Input Impedance:	20k ohms
Power Consumption:	1400 watts maximum (4 ohms, full power); 8 watts idle (no signal)
AC Fuse (120V Version):	10A (F10AL~250V)
AC Fuse (230V Version):	5A (F5AL~250V)
Heat Output:	558 BTU/hour (8 ohms, rock music) 837 BTU/hour (4 ohms, rock music)
Dimensions (W x H x D):	16 $\frac{3}{4}$ " x 5 $\frac{3}{4}$ " x 16 $\frac{1}{2}$ " (425mm x 146mm x 419mm)
RMF Dimensions (W x H x D):	19" x 5 $\frac{1}{4}$ " x 16 $\frac{1}{2}$ " (482mm x 133mm x 419mm)
Rack Space Requirements:	3U
Shipping Weight:	47 lbs (21.4kg)



PART# (120V) 91779
QUANTITY EACH

PART# (230V) 91781
QUANTITY EACH



PART# (RMF, 120V) 91780
QUANTITY EACH

PART# (RMF, 230V) 91782
QUANTITY EACH



SONAMP 1230 RMF FACEPLATE ONLY

Rack-mount faceplate converts 1230 to 1230 RMF

PART# 141016
QUANTITY EACH

SONAMP TWO-CHANNEL AMPLIFIERS

SPECIAL FEATURES

75 watts RMS x 2 @ 8 ohms, 125 watts RMS x 2 @ 4 ohms, 135 watts RMS x 2 @ 2.6 ohms • Bridgeable to 270 watts @ 8 ohms (275 SE only) • Factory-installed BBE SAT® module • Built-in connections and switching for 3 speaker pairs (275X3 SE only) • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Control voltage can trigger BBE effect on/off and change effect amount • BBE status LEDs • Line level outputs for daisy-chaining multiple amplifiers • Tamper-resistant, recessed power switch prevents accidental turn-off • Recessed input level and auto-on sensitivity controls • Selectable auto-on delay prevents current surge when using multiple amplifiers • Ground lift switch • High-current amplifier topology can operate at 2.6 ohms • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Signal preset LEDs • Protect/clipping LEDs for easy level setup • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in standard and rack-mount (RMF) versions • Available in 120V and 230V versions (275X3 SE only available in 120V)



BBE®

PART# (120V) 92187
QUANTITY EACH

PART# (230V) 92191
QUANTITY EACH

PART# (RMF, 120V) 92188
QUANTITY EACH

PART# (RMF, 230V) 92192
QUANTITY EACH

SONAMP 275 SE

SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Power Output:	75 watts RMS (x 2) @ 8 ohms; 135 watts RMS (x 2) @ 4 ohms; 175 watts RMS (x 2) @ 2.6 ohms
(both channels driven)	
Power Output (bridged):	250 watts RMS (x 1) @ 8 ohms
Power Output (bridged, 1kHz):	270 watts RMS (x 1) @ 8 ohms
Frequency Response:	20Hz – 20kHz ±1dB (hi-pass filter OFF) -3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	<0.05% (20Hz – 20kHz @ 8 ohms); <1.0% (20Hz – 20kHz @ 4 ohms); <0.2% (20Hz – 20kHz @ 2.6 ohms)
(stereo mode)	
Signal-to-Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	700mv for 75 watts RMS @ 8 ohms; 550mV w/BBE ON +6dB; 350mV w/BBE ON +9dB
Power Consumption:	800 watts maximum (2.6 ohms, full power); 6 watts idle (no signal)
AC Fuse (120V Version):	5A (T5AL~250V)
AC Fuse (230V Version):	2.5A (T2.5AL ~250V)
Heat Output:	232 BTU/HR @ 8 ohms (rock music) 418 BTU/HR @ 4 ohms (rock music) 542 BTU/HR @ 2.6 ohms (rock music)
Dimensions (W x H x D):	163/4" x 37/8" x 151/4" (425mm x 98mm x 387mm)
Dimensions w/Rack Ears (W x H x D):	19" x 37/8" x 151/4" (483mm x 98mm x 387mm)
Rack Space Requirements:	2U
Shipping Weight:	24 lbs (10.9kg)



SONAMP 275X3 SE

Identical to the 275 SE, with the addition of three built-in speaker switches for increased flexibility. Bridging not available. Available only in 120V version.

SPECIFICATIONS (Identical to 275 SE)



PART# 92189
QUANTITY EACH

PART# (RMF) 92190
QUANTITY EACH



SONAMP TWO-CHANNEL AMPLIFIERS

SPECIAL FEATURES

120 watts RMS x 2 @ 8 ohms, 160 watts RMS x 2 @ 4 ohms • Line-level outputs for daisy-chaining multiple amplifiers • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Ground lift switch • High-current amplifier topology • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Recessed front-panel volume controls • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in standard and rack-mount (RMF) versions, both in 120V and 230V

SONAMP 2120T MKII

SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Power Output	120 watts RMS (x 2) @ 8 ohms;
(both channels driven):	160 watts RMS (x 2) @ 4 ohms
Dynamic Power at Clipping:	163 watts (x 2) @ 8 ohms;
	242 watts (x 2) @ 4 ohms
Frequency Response:	20Hz – 20kHz ±0.25dB (hi-pass filter OFF)
	-3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.05% 20Hz – 20kHz @ 8 ohms (120 WRMS);
	0.1% 20Hz to 20kHz @ 4 ohms (160 WRMS)
I.M. Distortion (SMPTE 4:1):	0.02% @ 1 watt (8 ohms);
	0.02% @ 120 watts (8 ohms)
Signal-to-Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	1.1V for 120 watts RMS @ 8 ohms;
	1.0V for 100 watts RMS @ 8 ohms
Input Impedance:	47k ohms
Power Consumption:	750 watts maximum (4 ohms, full power);
	6 watts idle (no signal)
AC Fuse (120V Version):	10A (3AG 10A ~ 250V)
AC Fuse (230V Version):	5A (3AG 5A ~ 250V)
Heat Output:	372 BTU/HR @ 8ohms (rock music)
	496 BTU/HR @ 4ohms (rock music)
Dimensions (W x H x D):	163/4" x 55/8" x 125/8" (425mm x 143mm x 321mm)
RMF Dimensions (W x H x D):	19" x 51/4" x 125/8" (483mm x 133mm x 321mm)
Rack Space Requirements:	3U
Shipping Weight:	26 lbs (11.8kg)



PART# (120V) 91122
QUANTITY EACH

PART# (230V) 91602
QUANTITY EACH



PART# (RMF, 120V) 91131
QUANTITY EACH

PART# (RMF, 230V) 91649
QUANTITY EACH



SONAMP ASAP TWO-CHANNEL AMPLIFIERS

SPECIAL FEATURES

Automatic House/Local source switching • Highly efficient ICEpower digital amplification • BBE sound enhancement • IR-controllable (volume, muting, BBE ON/OFF, input switching) • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • 12V input and output triggers • Defeatable auto-on signal sensing • AC triggering (via rear-panel connection) • Mono fixed/variable output allows connection of a powered subwoofer • Recessed front-panel volume controls • House/Local source switching delay and audio trigger sensitivity adjustments • IR pass-thru connection passes 3rd-party control signals to optional IR emitters • IR Bus connection links IR signals from multiple ASAP3D SEs to a single set of emitters • 1U rack height, 1/2-rack width • Available in 120V and 230V versions



PART# (RMF, 120V) 92446
QUANTITY EACH

PART# (RMF, 230V) 92447
QUANTITY EACH

Rack Filler Panel
(1U h x 1/2-Rack w)

PART# 92729
QUANTITY EACH



ASAP3D SE

SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Power Output:	25 watts RMS (x 2) @ 8 ohms; (both channels driven) 50 watts RMS (x 2) @ 4 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB (hi-pass filter OFF) -3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.10% (1kHz, 8 ohms); 0.25% (1kHz, 4 ohms)
Signal to Noise Ratio:	-94dB (w/22kHz A-WTG filter); -88dB (with AC-sensing trigger)
Input Sensitivity:	900mV for 25W RMS output 700mV w/BBE ON (+3dB) 500mV w/BBE ON (+6dB)
Input Impedance:	13k ohms
Max Source Input Voltage:	2.3VAC RMS; 1.3VAC RMS w/BBE ON
Power Consumption:	250 watts maximum (4 ohms, full power); 17 watts idle (no signal)
Heat Output:	28 BTU/HR @ 8 ohms (rock music); 55 BTU/HR @ 4 ohms (rock music)
AC Fuse (120V Version):	2A (T2AL ~ 250V);
AC Fuse (230V Version):	1.25A (T1.25AL ~250V)
Dimensions (W x H x D):	9 1/2" x 1 3/4" x 12 1/2" (241mm x 45mm x 318mm)
Rack Space Requirements:	1U (1/2-rack width)
Shipping Weight:	7.0 lbs (3.2kg)



PART# 92880
QUANTITY EACH



ASAP1D

SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Output Power:	25 watts RMS per channel, 0.10% THD, 1kHz, @8 ohms 35 watts RMS per channel, 0.25% THD, 1kHz, @4 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTD filter)
Input Sensitivity:	485mV for 25W RMS output
Input Impedance:	47k ohms
Max. Source Voltage Input:	2.3VAC RMS
Power Consumption:	140 watts maximum (4 ohms, full power); 18 watts idle (no signal)
Heat Output:	43 BTU/hr @8 ohms (rock music) 60 BTU/hr @4 ohms (rock music)
Dimensions (W x H x D):	12 5/8" x 3" x 4 5/8" (321mm x 77mm x 118mm)
Shipping Weight:	7 lbs (3.2kg)



SONANCE C4630 SE HOME AUDIO SYSTEM

SPECIAL FEATURES

The C4630 SE can play any of four different audio sources in up to six different zones at the same time and gives you easy, logical control of both the system's audio sources and the sound in each room. The C4630 SE is controlled by C4630 SE Main and Numeric Keypad Controllers (available separately) or by the Sonance Navigator® K2 and K1 keypads. Extensive macro programming allows complex C4630 SE and source component functions to be accomplished with a single button push. Up to four C4630 SEs can be linked to create systems of up to 24 zones with the same simplicity of control. The C4630 SE can also be serial-controlled by third-party control systems via its RS-232 connection.

C4630 SE HOME AUDIO SYSTEM

Specifications:

Number of Channels:	12 (6 stereo zones)
Power Output:	30 watts RMS/ch x 12 @ 8 ohms
Frequency Response:	20Hz – 20kHz ±1dB
Total Harmonic Distortion:	0.1% (20Hz – 20kHz); 0.05% (1kHz)
Signal-to-Noise Ratio:	-95dB
Source Input Sensitivity/Impedance:	200mV/30k ohms
Source Input Voltage (max):	2.0VAC RMS
Source Output Impedance:	100 ohms (buffered)
Zone Line Output Impedance:	100 ohms
Zone Line Output Level (Fixed):	1:1 (unity gain)
Zone Line Output Level (Variable):	0dB ~ +19dB (all volume settings at maximum)
Source Inputs:	4 stereo RCA connectors
Source Loop Outputs:	4 stereo RCA connectors
Zone Line Outputs:	6 stereo RCA connectors
Speaker Outputs:	6 removable 4-pin screw connectors
Paging Connections:	1 mono RCA (input) 1 mono RCA (output)
Keypad Connections:	6 RJ45 connectors
IR Outputs:	6 zone-specific, 4 common, 4 programmable, 1 IR link
Serial Control:	RS-232 connector
Serial Protocol (Inbound):	19,200 baud, 8, N, 1
Serial Protocol (Outbound):	Adjustable
Sync Connections:	Two mono 3.5mm connectors
Computer Connection:	1 x USB
Heat Output:	603 BTU/HR @ 8 ohms (rock music)
Power Requirements:	120VAC, 60Hz
Power Consumption:	960 watts maximum (12 channels driven)
AC Convenience Outlets:	2 switched outlets
Dimensions (W x H x D):	16¾" x 6" x 15" (425mm x 152mm x 381mm)
Dimensions w/Rack Ears	
(W x H x D):	19" x 6" x 15" (489mm x 152mm x 381mm)
Rack Space Requirements:	3U
Shipping Weight:	33 lbs (15kg) each



BBE®

PART# (120V) 92293
QUANTITY EACH

PART# (230V) 92294
QUANTITY EACH



SONANCE C4630 SE ACCESSORIES



Part# 92295
Quantity Each

C4630 SE MAIN KEYPAD

In-wall keypad for C4630 SE. Four interchangeable Source buttons, Volume Up/Down, Mute, and Off buttons. Three control levels (press, double-press, press-and-hold). Offers extensive macro capability from any button. Built-in holster can accept FSMR1 or MR1 IR receiver (available separately). Adjustable backlighting (defeatable). Source buttons can be renamed with included button membranes. Installs in a standard single gang electrical box.

- Specifications:
- | | |
|--------------------------|---|
| Controls: | Source select (1 – 4), volume up/down, mute, off, source control (forward, backward, pause, play) |
| Keypad Connection: | RJ45 |
| Backlight Levels: | Bright, dim, off |
| Wall Plate Bezel Color: | White (included) |
| Compatible IR Receivers: | FSMR1, MR1 (available separately) |



Part# 92296
Quantity Each

C4630 SE NUMERIC KEYPAD

In-wall slave keypad for C4630 SE Main Keypad. Has numeric 1 – 0, “+” and “-” buttons. Three control levels (press, double-press, press-and-hold). Offers extensive macro capability from any button. Installs in a standard double gang electrical box (along with a C4630 SE Main Keypad).

- Specifications:
- | | |
|-------------------------|---|
| Controls: | Numeric 1 – 0, +, - |
| Backlight levels: | Bright, dim, off (slaved to C4630 SE Main Keypad) |
| Keypad connection: | 15-pin ribbon (connects to C4630 SE Main Keypad) |
| Wall Plate bezel color: | White (included) |

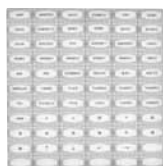


Part# 92297
Quantity Each

C4630 SE IR REMOTE CONTROL

IR remote control that duplicates all C4630 SE Main and Numeric Keypad functions, plus “All OFF” and “OK” buttons. Operates via FSMR1 or MR1 IR receiver installed in a C4630 SE Main Keypad.

- Specifications:
- | | |
|----------------------------|---|
| Local-Zone Controls: | Volume, source, mute, off |
| All-Zone Controls: | All-On, All-Off (“Party Mode”) |
| Numeric Controls: | 0 – 9, “+”, “-” |
| Source Component Controls: | Play, pause, forward, backward, OK (will mirror keypad programming) |



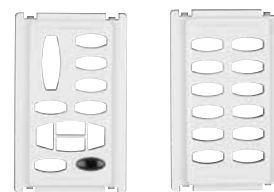
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Quantity 1 Sheet

C4630 SE MAIN KEYPAD MEMBRANE KIT

Replacement for the button membrane included with the C4630 SE Main Keypad. Contains 66 popular source components that let you customize keypads for the particular sources used in the C4630 SE system.

C4630 SE MAIN AND NUMERIC KEYPAD FACEPLATE KITS

Includes keypad bezel insert and Decora faceplate. Shipped 6 per package.



for Main Keypad

Part# (white) 92345

Part# (ivory) 92346

Part# (almond) 92347

Part# (brown) 92348

Part# (black) 92349

Quantity (All) 6-Pack

for Numeric keypad

Part# (white) 92350

Part# (ivory) 92351

Part# (almond) 92352

Part# (brown) 92353

Part# (black) 92354

Quantity (All) 6-Pack

RJ-45 2-FEMALE TO 1-MALE ADAPTER

Permits connecting two C4630 SE Main/Numeric keypad sets to a single C4630 SE zone keypad connection.



Part# 92355

Quantity Each

SPECIAL FEATURES

Single-gang, shallow-depth for easy installation • Hard-key function buttons are easy to use and program • Flexible programming capabilities for use with a majority of control systems • Six fully-programmable function/source buttons for component control • Dedicated volume, channel, and power buttons • Easily programmable with Navigator K1/K2 programming software • Includes programming cable • Includes extra button membranes for simple customizing



PART# 92001*
QUANTITY EACH

* While supplies last



NAVIGATOR K1

Includes programming cable and white wall plate.

SPECIFICATIONS

Hard-Key Buttons:	Volume up/down, channel up/down, power on/off, six programmable function/source buttons
IR Output:	1 (200mA)
IR Pass-Through:	1
RS-485 Connection:	1 half-duplex RJ45 connection for future capabilities (not active at press time)
Power Sense Input:	1
Speaker Relay Trigger Output:	1
Keypad Sync Port:	1 (input/output)
Programming Port:	1 (3-pin, serial)
Size:	Fits single-gang J-Box or P-Ring
Color:	Decora white

NAVIGATOR K1 WALL PLATES*

Available in black, almond, ivory and white. Sold in 6 packs.

*While supplies last.



PART# (WHITE) 92058
PART# (BLACK) 92059
PART# (ALMOND) 92060
PART# (IVORY) 92061
QUANTITY 6-PACK

SONANCE SPEAKER DISTRIBUTION SYSTEMS

SPECIAL FEATURES

Quick install with new screwless quick connectors • Advanced amplifier overload protection • Defeatable impedance-protection circuit • User-friendly button labels to customize on/off buttons with the corresponding area • Rack-mount ears included with all models

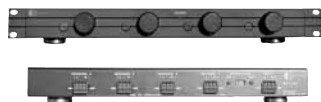


PART# 91932
QUANTITY EACH

SS6VC SPEAKER SELECTOR WITH VOLUME CONTROL

SPECIFICATIONS

Speaker Outputs:	6 stereo pairs (14 AWG wire capacity)
Volume Control Type:	12-position light-touch silent rotary switch ("Make Before Break")
Total Attenuation:	-42dB
Attenuation Steps:	Top 7 steps are -3dB per step, lowest 4 steps are -6dB per step
Frequency Response:	20Hz – 20kHz $\pm$ 1dB
Speaker Impedance:	8 ohms per zone
Power Rating:	75 watts RMS maximum input per channel
Dimensions (W x H x D):	167/8" x 13/4" x 101/4" (429mm x 45mm x 260mm)
RMF Dimensions (W x H x D):	19" x 13/4" x 101/4" (483mm x 45mm x 260mm)
Rack Space Requirements:	1U (Rack ears included)



PART# 91931
QUANTITY EACH

SS4VC SPEAKER SELECTOR WITH VOLUME CONTROL

SPECIFICATIONS

(Identical to SS6VC except):	
Speaker Outputs:	4 stereo pairs (14 AWG wire capacity)



PART# 91369
QUANTITY EACH

SS6 SPEAKER SELECTOR

SPECIFICATIONS

Speaker Outputs:	6 stereo pairs (12AWG wire capacity)
Source Input:	1 (speaker-level)
Power Handling Capacity:	120W/ch without protection engaged; 40W/ch with protection engaged
Speaker Protection:	Manual slide switch on bottom of switcher — maintains a 5-ohm load to protect the amplifier
Ground Paths:	Separate left and right channel (ensures compatibility with all amps, even bridged)
Dimensions (W x H x D):	111/4" x 2" x 7" (286mm x 51mm x 178mm)
Shipping Weight:	3 lbs (1.4kg)



PART# 91368
QUANTITY EACH

SS4 SPEAKER SELECTOR

SPECIFICATIONS

(Identical to SS6 except):	
Speaker Outputs:	4 stereo pairs (12AWG wire capacity),
Dimensions (W x H x D):	81/2" x 2" x 7" (286mm x 51mm x 178mm)

SONANCE IMPEDANCE-MATCHING VOLUME CONTROLS

SPECIAL FEATURES

Allows attenuation of amplifier volume to one pair of speakers • Impedance jumpers allow up to 8 speaker/volume control sets (8-ohm speakers) to be safely used with a single 8-ohm capable amplifier • Impedance jumpers can also be used to balance maximum output levels in different-sized rooms • Handles high-current signal from amplifiers up to 60W RMS/ch, (unlike L-pads which dissipate current in the form of heat) • Removable 4-pin screw connectors simplify speaker and amplifier wiring • Fits standard single or double J-boxes (with back panel removed) • Includes Decora (both models) and standard (VC60RIM) mounting hardware

VC60SIM 60-WATT IMPEDANCE-MATCHING VOLUME CONTROL – SLIDER

Includes Decora wall plate.

SPECIFICATIONS

Speaker Impedance:	8 ohms
Amplifier Impedance:	8 ohms (X1 setting); 16 ohms (X2 setting); 32 ohms (X4 setting); 64 ohms (X8 setting)
Connections:	4-pin screw terminals (14 AWG wire capacity)
Frequency Response:	20Hz – 20kHz ± 1 dB
Power Rating:	60 watts RMS maximum input/channel
Shipping Weight:	2 lbs (0.9kg)



PART# (WHITE) 92161
QUANTITY EACH



VC60RIM 60-WATT IMPEDANCE-MATCHING VOLUME CONTROL – ROTARY

Rotary version of VC60SIM. Includes standard and Decora wall plates.

SPECIFICATIONS (Identical to VC60SIM)



PART# (WHITE) 92158
QUANTITY EACH



REPLACEMENT IMPEDANCE JUMPERS

Replacement for VC60RIM/SIM impedance jumpers. Sold in packs of six.



PART# 70089
QUANTITY 6-PACK



PART# (WHITE) 91521
QUANTITY EACH

VC60S 60-WATT VOLUME CONTROL – SLIDER (BOXED)

This 12-step, high-quality autoformer volume control features a Decora-style slide switch and silent slide action. It allows the attenuation or balancing of amplifier volume to one pair of speakers. The top position is a straight through, parallel connection to the amplifier; the bottom position is OFF. The “make before break” switch action results in smooth transitions between steps. Fits single-gang backless retrofit boxes and standard plaster rings. Boating and RV compatible. Decora style. Available in white. Individually boxed.

SPECIFICATIONS

Power Rating:	60 watts RMS maximum input/channel
Total Attenuation:	-42dB
Attenuation Steps:	Top 6 steps are -3dB per step, lowest 4 steps are -6dB per step; last step is OFF
Speaker Impedance:	8 ohms
Frequency Response:	20Hz – 20kHz ± 1 dB
Connections:	Labeled quick-disconnect screw-to-connect terminals on circuit board, 20-14 AWG capacity
Dimensions (W x H x D):	15/8" x 4" x 3" (41mm x 102mm x 76mm)
Shipping Weight:	2 lbs (0.9kg)

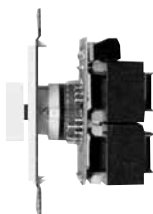


PART# (WHITE) 91505
QUANTITY EACH

VC60R 60-WATT VOLUME CONTROL – ROTARY (BOXED)

Rotary version of VC60S. Decora style. Available in white. Individually boxed.

SPECIFICATIONS (Identical to VC60S)



PART# (WHITE) 91497
QUANTITY EACH

VC30R 30-WATT VOLUME CONTROL – ROTARY (BOXED)

This high-quality autoformer volume control with 10-position light-touch switch allows the attenuation or balancing of amplifier volume to one pair of speakers. The full-clockwise position is a straight-through connection to the amplifier; the full counter-clockwise position is OFF. The “make before break” switch action results in smooth transitions between steps. Fits all single-gang backless retrofit boxes and standard plaster rings. UL/CE Listed. Boating and RV compatible. Decora style. Available in white. Individually boxed.

SPECIFICATIONS

Power Rating:	30 watts RMS maximum input/channel
Total Attenuation:	-30dB
Attenuation Steps:	Top 7 steps are -3dB per step; lowest 2 steps are -6dB per step; last step is OFF
Speaker Impedance:	8 ohms
Frequency Response:	20Hz – 20kHz ± 2 dB
Connections:	Quick-disconnect screw terminal, 20-14 AWG wire capacity
Dimensions (W x H x D):	13/4" x 4" x 23/4" (44mm x 102mm x 76mm)
Weight:	1 lbs (0.45kg)

ODVC60 60-WATT OUTDOOR VOLUME CONTROL

Completely weatherproof 60-watt volume control encased in a plastic enclosure.

SPECIFICATIONS

Power Rating:	60 watts/channel
Switch Type:	10-position light-touch switch
Frequency Response:	20Hz – 20kHz ± 2 dB
Speaker Impedance:	8 ohms
Dimensions (W x H x D):	1¾" x 4" x 2¼" (44mm x 102mm x 76mm)



PART#	91903
QUANTITY	EACH

A/V AUTOMATIC SWITCHERS

PROVIDING INVISIBLE SOLUTIONS FOR YOUR A/V SWITCHING NEEDS

The AL2 and AS2 allow automatic switching from a main source to a remote source, such as between whole-home audio system and a local TV. The AL2 operates at line level, while the AS2 operates at speaker level. They default to Source A while monitoring Source B. When Source B is ON the device switches to Source B until a signal is no longer present. It then switches back to Source A.

SPECIAL FEATURES

Switching time from Source B back to Source A is adjustable, from approximately three seconds up to three minutes • Sensitivity adjustment compensates for different source input signal levels • Control output links AL2/S and AS2/S slave switchers to AL2 and AS2 • LEDs indicate active source • Recessed mounting holes • Compatible with 3" SnapTrack® mounts



PART# 90484
QUANTITY EACH

AL2 AUTOMATIC LINE-LEVEL SOURCE SELECTOR

The AL2 performs automatic line-level switching. A 12V power supply is included, and DC in/out connections allow multiple Audio/Video Automation components to share a single power supply.

Specifications:

Input and Output Signal:	Unbalanced line level audio or composite video
Input/Output Connections:	Gold-plated RCA jacks
Relay Type:	High-quality, silver cadmium oxide



PART# 90483
QUANTITY EACH

AS2 AUTOMATIC SPEAKER-LEVEL SOURCE SELECTOR

The AS2 has the same features as the AL2, but it performs speaker-level switching.

Specifications:

Power Rating:	100 watts RMS per channel
Input/Output Connections:	Removable quick-toggle speaker connectors
Relay Type:	High-quality, silver cadmium oxide



PART# 90486
QUANTITY EACH

AL2/S AUTOMATIC LINE-LEVEL SOURCE SELECTOR — SLAVE

The AL2/S is a “slave” unit that is controlled by an AL2 or AS2. It performs the same switching functions as the AL2 without requiring a power supply. It receives DC voltage and a switching trigger from the “master” AL2 or AS2 unit. The AL2/S can also be used to switch composite video signal sources when used in conjunction with an AL2 or AS2 that is used for audio.

Specifications:

Input and Output Signal:	Unbalanced line level audio or composite video
Input/Output Connections:	Gold-plated RCA jacks
Relay Type:	High-quality, silver cadmium oxide



PART# 90485
QUANTITY EACH

AS2/S AUTOMATIC SPEAKER-LEVEL SOURCE SELECTOR — SLAVE

The AS2/S is a “slave” unit that is controlled by an AL2 or AS2. It performs the same switching functions as the AS2 without requiring a power supply. It receives DC voltage and a switching trigger from the “master” AL2 or AS2 unit.

Specifications:

Power Rating:	100 watts RMS per channel
Input/Output Connections:	Removable quick-toggle speaker connectors
Relay Type:	High-quality, silver cadmium oxide

SONANCE BALANCED AUDIO SENDER/RECEIVER

SPECIAL FEATURES

The Sonance LS2 and LR2 form a system designed to send low-level audio signals long distances and in close proximity to sources of noise interference without inducing noise or high frequency roll-off in the audio signal. The active LS2 circuitry converts the unbalanced signal to a balanced configuration and sends the balanced signal to the LR2, which converts it back into an unbalanced signal. This virtually eliminates any noise picked-up over the length of the wire, leaving only the original signal. The LS2 and LR2 are always used in conjunction with each other, except when used in conjunction with equipment with balanced inputs or outputs (such as professional sound or recording equipment). In this type of system the LS2 serves as an unbalanced-to-balanced converter and the LR2 serves as a balanced-to-unbalanced converter.

LS2 BALANCED AUDIO SENDER*

One LS2 sender can be used with multiple receivers (LR2 or LR1 SAT modules) if the installation requires multiple balanced drops to amplifiers or receivers in multiple locations. The LS2 includes a modular, low-voltage power supply. Recessed mounting holes allow wall mounting, and the chassis is compatible with 3" SnapTrack mounts.

Specifications:

(0dB ref = 0.775V)

THD + Noise: <01%, 20Hz – 20kHz

Signal-to-Noise Ratio: >-100dB (IHF-A wtd.)

Frequency Response: 20Hz – 20kHz ± 0.2 dB

Input Impedance: 47k ohms (unbalanced inputs)

Power Consumption: 55mA $\pm 5\%$ @ 12VDC

*While supplies last



PART#	90491
QUANTITY	EACH

SONANCE AUDIO/VIDEO AUTOMATION

OP3 SPEAKER-LEVEL TO LINE-LEVEL 30DB OUTPUT PAD

The OP3 attenuates a stereo speaker-level signal to a stereo line-level signal. It can be used to create an additional preamp-level signal from an amplifier or receiver speaker output, and it can also be used to add line-level output capability to a TV with only external speaker leads. It can be used in conjunction with a 2-female to 1-male Y-cord to sum left and right channels for monaural applications. Boating and RV compatible.

SPECIFICATIONS

Dimensions (W x H x D): 1 9/16" x 1 3/16" x 1 3/16" (40mm x 30mm x 30mm)

Shipping Weight: 1 lbs (0.45kg)

Note: Not compatible with bridged amplifiers or floating-ground amplifiers.



PART#	900346
QUANTITY	10/BAG



PART# 91343
QUANTITY EACH

CR1 CABINET-MOUNTED INFRARED RECEIVER

This tabletop-mounted IR receiver includes a CR1 hub connecting block (easily mountable in a SnapTrack). A red talk-back LED tests system for correct wiring as well as indicating IR reception. The included 7-foot cable and 3.5mm stereo mini plug permit direct plug-in to OptiLinQ connecting blocks that have an IR RCVR or AUX jack. Boating and RV compatible.

SPECIFICATIONS

Nominal Reception Angle:	Up to 45° off-axis
IR Connections:	3.5mm stereo mini-plug
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Maximum Current Output:	100 milliamps
Maximum # of IR Emitters:	4 connected in series (use OptiLinQ connecting blocks for emitter expansion)
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Receiver Dimensions (W x H x D):	33/4" x 1 1/8" x 3 1/8" (95mm x 29mm x 79mm)
Hub Dimensions (W x H x D):	23/8" x 3/4" x 3" (60mm x 19mm x 76mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	10.4 oz (0.295kg)



PART# 91344
QUANTITY EACH

MR1 MICRO INFRARED RECEIVER

This small IR receiver is extremely sensitive to IR commands. An included 3-terminal block enables easy extension of the included 7-foot ribbon cable, allowing infrared to be received from up to 25 feet away. The red talk-back LED tests the system for correct wiring as well as indicating IR reception. Boating and RV compatible.

specifications

Nominal Reception Angle:	Up to 55° off axis
IR Carrier Frequency Bandwidth:	30kHz –100kHz
Maximum Transmission Length:	1 mile (using 18-gauge wire)
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Reception Range:	<30 feet
Maximum Current Output:	100 milliamps
Maximum # of IR Emitters:	4 connected in series (use OptiLinQ connecting blocks for emitter expansion)
Mode:	Normal 3-wire mode
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Dimensions (W x H x D):	27/16" x 7/16" x 5/16" (62mm x 11mm x 8mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	2.5 oz (0.071kg)



PART# 91345
QUANTITY EACH

SMR1 SURFACE-MOUNT IR RECEIVER

The SMR1 is extremely sensitive to IR commands. The included 3-terminal block enables easy extension of the included 7-foot ribbon cable, allowing infrared to be received from up to 25 feet away. A red talk-back LED tests the system for correct wiring as well as indicating IR reception. Boating and RV compatible.

specifications (Identical to MR1 except):

Dimensions (Dia x D):	1/2" x 23/8" (13mm x 60mm)
Shipping Weight:	2 oz. (0.057kg)

SMR1P SURFACE-MOUNT IR RECEIVER

The SMR1P is a quick-connect version of SMR1. The 7-foot cable terminates in a 3.5mm stereo mini-plug that plugs directly into OptiLinQ connecting blocks.

Specifications

Nominal Reception Angle:	Up to 55° off axis
IR Carrier Frequency Bandwidth:	30kHz –100kHz
Maximum Transmission Length:	1 mile (using 18-gauge wire)
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Reception Range:	<30 feet
Maximum Current Output:	100 milliamps
Mode:	Normal 3-wire mode
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Dimensions (Dia x D):	1/2" x 23/8" (13mm x 60mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	2 oz. (0.057kg)



PART# 91346
QUANTITY EACH

FSMR1 FULL-SPECTRUM IR RECEIVER

The FSMR1 is specifically designed for use with plasma televisions and other sources of IR or fluorescent interference. Features system talk-back LED. Up to 12 units may be powered by one PS1 power supply. Also features a 7-foot, 3-conductor ribbon cable with stripped and tinned ends. Use with these OptiLinQ emitters: E1, E2, VE1, VE2.

specifications

Input IR Carrier Frequency	
Bandwidth:	Centered at 38kHz
Operational Frequency Range:	30kHz – 110kHz
Reception Range:	15 – 25 feet
Output IR Carrier Frequency:	Approximately 38.510kHz
Cable Requirements:	3-conductor, 24 to 18 gauge (unshielded OK)
Maximum Transmission Length:	1,000 ft using 18 gauge wire
Maximum Current Output:	100 mA
Power Requirements:	12V DC @ 110 mA
Dimensions (W x H x D):	7/16" x 5/16" x 21/8" (11.2mm x 8.5mm x 55mm)

*While supplies last



PART#(SILVER).....92341*
PART# (BLACK) 92222
QUANTITY EACH

WMR1 WALL-MOUNT IR RECEIVER*

The WMR1 fits standard-gang retro or new-construction rings, allowing in-wall mounting of the IR receiver. The IR window bezel allows for Decora-style installation. A red talk-back LED allows system testing. Boating and RV compatible.

SPECIFICATIONS

Nominal Reception Angle:	up to 45° off-axis
IR Carrier Frequency Bandwidth:	30kHz –100kHz
Long Cable Requirements:	3/24 to 3/28 (unshielded OK)
Reception Range:	Up to 25 feet
Maximum Current Output:	100 milliamps
Power Handling:	12V DC @ 10 milliamps
Dimensions (W x H x D):	1 11/16" x 4 1/16" x 1" (43mm x 104mm x 25mm)
Shipping Weight:	3.8 oz (0.11kg)

*While supplies last



PART# 91347
QUANTITY EACH

SONANCE OPTILINQ IR RECEIVERS



PART# 91348
QUANTITY EACH

E1 MINI EMITTER

The E1 can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. Includes three replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

SPECIFICATIONS

Lead Termination:	3.5mm mini plug
Wire Length:	7' (2.1m) to junction, 3' (1m) to emitter
Shell Housing:	IR Opaque shell
Shipping Weight:	1.2 oz (0.034 kg)



PART# 91350
QUANTITY EACH

E2 DUAL MINI EMITTERS

The E2 includes two mini emitters that are wired in series and can be easily placed on electronic equipment. The E2 connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes four replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

SPECIFICATIONS (Identical to E1 except):

Wire Length:	7' (2.1m) to junction, 3' (1m) to each emitter
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PART# 91349
QUANTITY EACH

VE1 VISIBLE IR EMITTER

This IR emitter provides a visible output indicator with a low-output level. It is suitable for controlling a single component and can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes two replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

SPECIFICATIONS (Identical to E1 except):

Shell Housing:	Alternate black IR opaque shell
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PART# 91351
QUANTITY EACH

VE2 DUAL VISIBLE IR EMITTERS

The VE2 includes two visible mini emitters that are wired in series and provide a visible output indicator with a low output level. The can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes four replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

SPECIFICATIONS (Identical to E1 except):

Shell Housing:	Alternate black IR opaque shell
Wire Length:	7' (2.1m) to junction, 3' (1m) to each emitter



PART# 92884
QUANTITY EACH

MINI EMITTER SHIELD COVER

IR emitter cover shield designed to block out ambient stray IR signals. Fits over VE-1 or EM-1 IR emitters. Attaches to component or rack surface by adhesive backing.

SPECIFICATIONS

Dimensions (W x H x D):	2.0" x 0.832" x 0.3" D (50.8mm x 21.13mm x 7.62mm)
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CB1 ONE-ZONE CONNECTING BLOCK

This single-zone connecting block mounts in SnapTrack and provides jacks for an IR receiver, four IR emitters, and a power supply. Boating and RV compatible. Note: When used as an emitter expander, it does not require a power supply.

Specifications

Inputs:	1 x screw type 4-terminal plug, 1 x IR Receiver (3.5mm stereo mini jack)
Outputs:	4 parallel-driven emitter ports (3.5mm mono mini jacks)
Series Resistors:	470-ohm resistor in series with each emitter
Power Requirements:	12V DC, uses PS1 or PS2 power supply
Power Jack:	2.1mm
Dimensions (W x H x D):	23/8" x 3/4" x 3" (60mm x 19mm x 76mm)
Shipping Weight:	4.5 oz (0.127kg)



PART#	91353
QUANTITY	EACH

ACB1 ONE-ZONE AMPLIFIED CONNECTING BLOCK*

Designed for installations requiring multiple IR emitters, the ACB1 provides strong IR signals for up to 10 emitters. Mounts in a SnapTrack. A side-mounted LED provides status and IR feedback information. Boating and RV compatible.

Specifications

Inputs:	1 x screw-type 4-terminal plug; 1 x IR receiver (3.5mm stereo mini jack)
Outputs:	10 x parallel-driven emitter ports (3.5mm mini jacks); 1 high-level IR signal output port (3.5mm mini jack)
Power Requirements:	12V DC, uses PS1 or PS2 Power Supply
Power Jack:	2.1mm
Series Resistors:	100 ohms or 470 ohms on each emitter output (selectable with included jumpers), for high- and low-power operation
Dimensions (W x H x D):	57/16" x 7/8" x 3" (138mm x 22mm x 76mm)
Shipping Weight:	10.2 oz (0.29kg)



PART#	91354
QUANTITY	EACH

*While supplies last

CB2Z TWO-ZONE CONNECTING BLOCK*

The CB2Z is a budget two-zone system that routes IR from each zone to a dedicated receiver or preamp. It is compatible with both the CB1 and ACB1 connecting blocks for common emitter expansion for source equipment. Mounts in a SnapTrack. Boating and RV compatible.

Specifications

Inputs:	2 x 4-screw removable connectors to interface with all 3 lead IR receivers
Outputs:	2 x zone emitter ports (3.5mm mini jacks); 1 common emitter port (3.5mm mini jack)
Power Requirements:	12V DC, uses PS1 or PS2 Power Supply
Power Jack:	2.1mm
Dimensions (W x H x D):	23/8" x 3/4" x 3" (60mm x 19mm x 76mm)
Shipping Weight:	4.5 oz (0.128kg)



PART#	91355
QUANTITY	EACH

*While supplies last

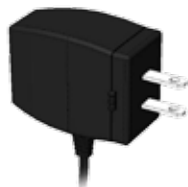


PART# 91352
quantity each

PS1 BASIC POWER SUPPLY

SPECIFICATIONS

Power:	Supplies 12VDC (12V regulated, 0.2A)
Plug:	2.1mm
Dimensions (W x H x D):	13/4" x 1 1/2" x 23/4" (44mm x 38mm x 70mm)
Wire Length:	6' (1.8m)
Shipping Weight:	1 lb (.45kg)



PART# 91356
quantity each

PS2 HIGH-CURRENT POWER SUPPLY

SPECIFICATIONS

Power:	Supplies 12VDC (12V regulated, 1A)
Plug:	2.1 mm
Wire Length:	6' (1.8m) from wall to power supply; 6' (1.8m) from supply to DC connector
Dimensions (W x H x D):	3 1/8" x 2 1/2" x 6" (79mm x 64mm x 152mm)
Shipping Weight:	2 lbs (0.9kg)



OPTILINQ IR PACKAGES

IR Package 1 Includes:	1 ea. CR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 2 Includes:	1 ea. MR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 3 Includes:	1 ea. FSMR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 4 Includes:	3 ea. FSMR1, 3 ea. VE2, 1 ea. E1, 1 ea. CB1, 1 ea. CB2, 2 ea. PS1

OPTILINQ INTERNATIONAL IR PACKAGES

IR Package 2 Includes:	4 ea. E1, 1 ea. MR1, 2 ea. CB1
IR Package 3 Includes:	4 ea. E1, 1 ea. FSMR1, 1 ea. CB1
IR Package 5 Includes:	4 ea. VE1, 1 ea. MR1, 1 ea. CB1

optiling ir packages
quantity (all) each

PKG 1 PART# 92439

PKG 2 PART# 92440

PKG 3 PART# 92441

PKG 4 PART# 92469

International IR Packages
quantity (all) each

PKG 2 PART# 92831

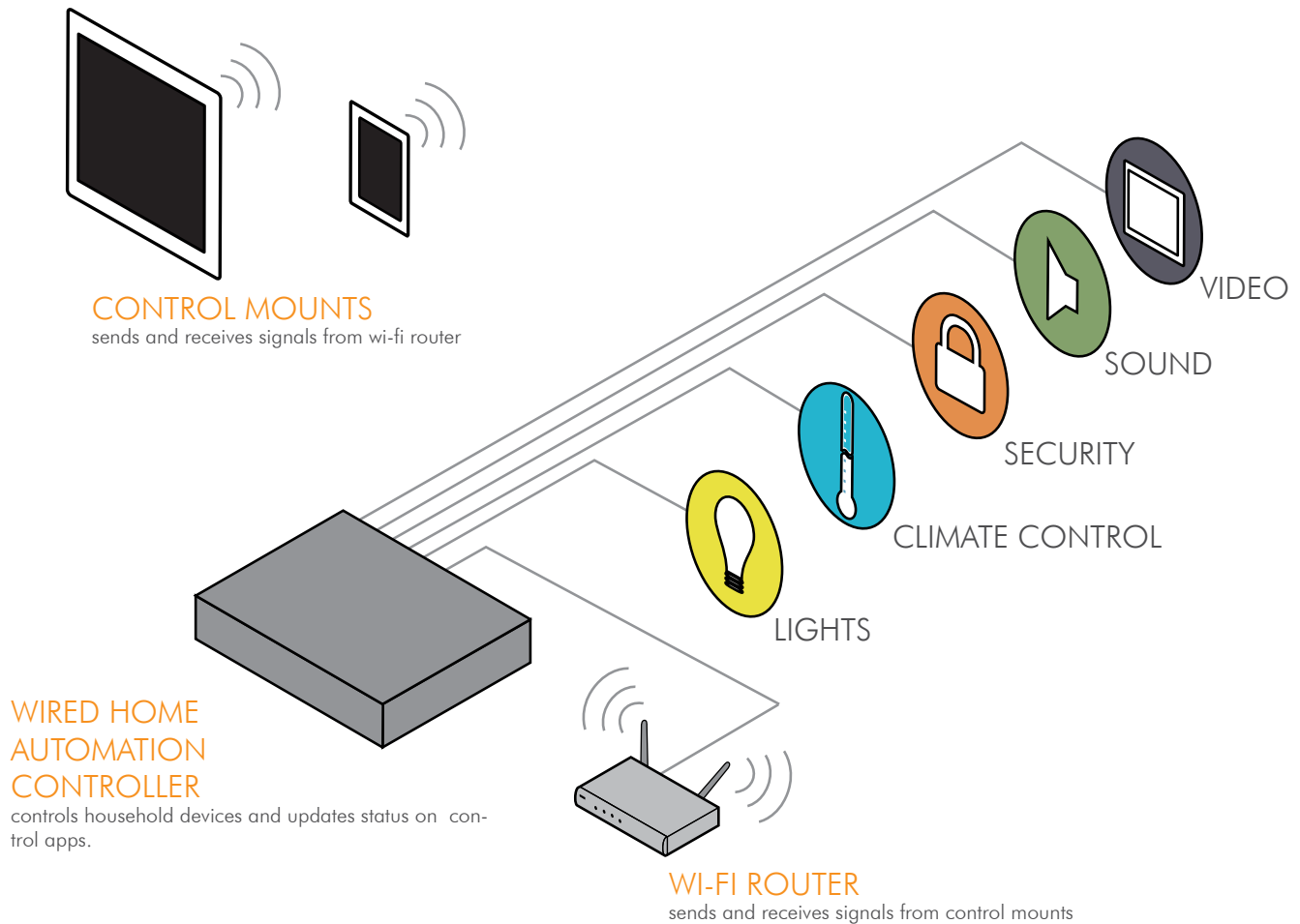
PKG 3 PART # 92832

PKG 5 PART # 92833



With the invention of iPort, Sonance pioneered the integration of the iPod into residential A/V systems. By recognizing early-on the need for integrating audio and video content from an iPod, iPort has become recognized as the standard for controlling and playing iPod content. iPort is the only iPod solution that works seamlessly with a large number of popular home automation and A/V control systems, providing integrators the ultimate flexibility when including iPod solutions in their projects.

TYPICAL SYSTEM LAYOUT



iPort is "Made For iPod" certified by Apple inc. All of our products go through not only an internal design review but are also reviewed by Apple to assure the highest level of compliance with all Apple equipment.

iPort Integration Partners:



IPOINT CONTROL MOUNT SERIES



PART# 70093
QUANTITY EACH

IPOINT CM-IW2000 V2

Features

- Compatible with iPad (4th generation), iPad (3th generation), iPad 2 and iPad
- Allows wi-fi connection of the mounted iPad for downloads of apps, audio content and certain upgrades
- Connects to compatible control systems via wi-fi for operating home automation systems
- Securely supports the iPad and provides a modern, elegant appearance
- Charges the iPad while it is mounted

Specifications

Dimensions (W x H x D):	11.6" x 9.51" x 2.36" (294.6mm x 241.6mm x 59.9mm)
Cut-out Dimensions (W x H):	10.75" x 8.65" (273.1mm x 219.7mm)
System Components:	Mounting cradle assembly with magnetic faceplate, connector and charging board, power wall plate and power supply



PART# 70094
QUANTITY EACH

IPOINT CONTROL MOUNT MINI

Features

- Compatible with iPad mini
- Allows wi-fi connection of the mounted iPad mini for downloads of apps, audio content and certain upgrades
- Connects to compatible control systems via wi-fi for operating home automation systems
- Securely supports the iPad mini and provides a modern, elegant appearance
- Charges the iPad mini while it is mounted

Specifications

Dimensions (W x H x D):	9.56" x 7" x 2" (243mm x 177.7mm x 50.8mm)
Weight:	1.75 lbs (.8kg)
System Components:	Mounting cradle assembly with magnetic faceplate, connector and charging board, power wall plate and power supply



PART# 70092
QUANTITY EACH

IPOINT CM-IW200

Features

- Secure mounting for iPod touch (4th Generation) in either vertical or horizontal orientation
- Charging
- Audio output
- Faceplate with on/off button for iPod touch
- Includes magnetic faceplate, mounting cradle assembly, connector and charging board with RJ-45 jack, audio wall plate, and power supply

Specifications

Power supply:	15V DC, regulated
Dimensions (W x H x D):	4.027" x 5.969" x 2.4" (102.29mm x 151.61mm x 60.9mm)
Cut-out Dimensions (W x H):	3.42" x 5.34" (86.87mm x 135.64mm)



IPOUT IN-WALL DOCKING SYSTEMS

SPECIAL FEATURES

Polished ABS construction complements iPod and iPod touch styling • Designed for easy docking/undocking of iPod • Connects to wall plates with Cat5 cable via RJ-45 connectors • Allows IR control (IW-21 and IW-22) and RS-232 control (IW-22) of iPod • IW-20 and IW-21 provide unbalanced audio output for local system installations • IW-22 provides balanced audio output for long-distance system installations • Built-in preamplifier allows variable volume control (IW-21 and IW-22) • Available upgrade kits for balanced video output (IW-21 and IW-22), balanced audio output, and RS-232 control (IW-21) • Regulated DC power supply connects to wall plate and charges iPod or iPod touch while docked • As easy to install as Sonance in-wall speakers via Roto-Lock mounting clamps • Paintable flange • For current compatibility information, visit www.iportmusic.com



PART# 70129
QUANTITY EACH

IPOUT IW-22 IN-WALL DOCKING SYSTEM WITH RS-232 CONTROL

IW-22 system capabilities

- Delivers long-distance balanced audio up to 500 feet (152m) from the iPod.
- Built-in preamplifier allows variable volume control via IR and RS-232.
- Delivers unbalanced video (iPod video content only, not program metadata) up to 30 feet (9m).
- Optional balanced video kit (70131) provides component video up to 250 feet (76m).
- IR connection allows remote control of most iPod/iPod touch audio functions when in general control mode.
- Integrated RS-232 control enables two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.iportmusic.com.

Dimensions (W x H x D): 43/4" x 6 13/32" x 3 1/2" (121mm x 163mm x 89mm)

Cut-Out Dims. (W x H): 4" x 59/16" (102mm x 141mm)

IW-22 System components*

- (1) iPod dock (faceplate and utility box)
- (1) Balanced audio wall plate
- (1) Balanced audio sender plug-in circuit card
- (1) RS-232 control plug-in circuit card and RS-232 cable
- (1) Unbalanced video wall plate and cable
- (1) Regulated power supply with USA plug

IPOUT IN-WALL DOCKING SYSTEMS

IPOUT IW-21 IN-WALL DOCKING SYSTEM WITH IR CONTROL

IW-21 system capabilities

- Delivers local-zone unbalanced audio up to 30 feet (9m) from the iPod.
- Built-in preamplifier allows variable volume control via IR or the iPod's volume control.
- Delivers unbalanced video (iPod video content only, not program metadata) up to 30 feet from iPod.
- IR allows remote control of most iPod/iPod touch audio functions when in general control mode.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.ipodmusic.com.
- Optional balanced audio kit (70130) delivers audio up to 500 feet (152m) from the iPod.
- Optional balanced video kit (70131) delivers video up to 250 feet (76m) from the iPod.

Dimensions (W x H x D): 4 3/4" x 6 13/32" x 3 1/2" (121mm x 163mm x 89mm)

Cut-Out Dims. (W x H): 4" x 5 9/16" (102mm x 141mm)

IW-21 System components*

- (1) iPod dock (faceplate and utility box)
- (1) Audio wall plate
- (1) Unbalanced video wall plate and cable
- (1) Regulated power supply with USA plug



PART#	70128
QUANTITY	EACH

IPOUT IW-20 IN-WALL DOCKING SYSTEM

IW-20 System Capabilities

- Delivers local-zone unbalanced audio up to 30 feet (9m) from the iPod. Note: The audio system must supply volume control.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.ipodmusic.com.

Dimensions (W x H x D): 4 3/4" x 6 13/32" x 3 1/2" (121mm x 163mm x 89mm)

Cut-Out Dims. (W x H): 4" x 5 9/16" (102mm x 141mm)

IW-20 System components

- (1) iPod dock (faceplate and utility box)
- (1) Audio wall plate
- (1) Regulated power supply with USA plug



PART#	70127
QUANTITY	EACH

IPOD FREE-STANDING DOCKING SYSTEMS

SPECIAL FEATURES

Designed for easy docking/undocking of iPod/iPod touch • User-initiated iTunes connection via jewel button on iPort • Selectable fixed or variable output • IR control (FS-21 and FS-22) and RS-232 control (FS-22) of the iPod/iPod touch • Unbalanced audio and video output for local system installations • Available optional balanced audio and video upgrade kits allow long-distance system operation • Regulated DC power supply powers iPort and keeps iPod and iPod touch charged while docked • Connects to computer via USB 2.0 cable (not included) • For current compatibility information, visit www.iportmusic.com.



Part# 70117
Quantity each

IPOD FS-23 FREE-STANDING DOCKING SYSTEM WITH IP CONTROL

The iPort FS-23 free-standing digital media system for the iPod®/iPod touch® provides the freedom to control your iPod/iPod touch from an on-screen video interface on any connected TV. Using the included iPort remote control, an easy-to-navigate menu system may be selected for music, videos, playlists, songs, artists, albums, and more. iPod settings for equalizer, repeat, shuffle, and other controls may also be controlled on-screen.

FS-23 System Capabilities

- Provides IP Control for two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems
- View and navigate content from the iPod/iPod touch directly on your TV.
- Charge the iPod/iPod touch while docked.
- Select music, video, song, artist, album, and playlist.
- View an elegant Now Playing screen that indicates title, artist, and album with cover art provided by the iPod/iPod touch.
- Control iPod/iPod touch settings such as equalizer, repeat, and shuffle.
- Built-in pre-amplifier for variable volume control.
- Stop-motion screen saver with time adjustment.
- Integrated IR allows control of your iPod/iPod touch via included IR remote or IR input port
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.iportmusic.com.
- Optional balanced audio kit (70122) delivers audio up to 500 feet (152m) from the iPort
- Optional balanced video kit (70123) delivers video up to 250 feet (76m) from the iPort.

FS-23 System components*

- (1) iPort dock
- (1) iPort standard IR remote
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) Global switching power supply with international adapters



IPOD FS-22 FREE-STANDING DOCKING SYSTEM WITH RS-232 CONTROL

FS-22 System Capabilities

- Delivers unbalanced audio up to 30 feet (9m) from the iPort.
- Optional balanced audio kit (70122) provides audio up to 500 feet from the iPort.
- Delivers unbalanced component video, composite video, or S-Video up to 30 feet (9m) from the iPort. (Note: Video content only, not program metadata. Video output format is determined by the iPod.)
- Optional balanced video kit (70123) provides component video up to 250 feet (76m) from the iPort
- Integrated RS-232 control enables two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems.
- Allows iPort firmware upgrades (requires optional cable).
- Allows the iPod to be controlled via line-of-sight IR from the front of the iPort and (with optional cable and IR receiver) from a second location via a rear panel connection.
- Allows the iPod's volume control to control the iPort system volume (General mode only).
- Connects to a computer, allowing the iPod to be updated via iTunes while it is docked (requires USB 2.0 cable, not included).
- Charges the iPod/iPod touch (via the regulated power supply) while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.iportmusic.com.

FS-22 System components*

- (1) iPort dock
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) RS-232 extended control cable (RJ11 to female DB9, 2 meters)
- (1) Global switching power supply with international adapters



Part#	70116
Quantity	each

IPOD FS-21 FREE-STANDING DOCKING SYSTEM WITH IR CONTROL

FS-21 System Capabilities

- Delivers unbalanced audio up to 30 feet (9m) from the iPort.
- Delivers unbalanced component video, composite video, or S-Video up to 30 feet (9m) from the iPort. (Note: Video content only, not program metadata. Video output format is determined by the iPod.)
- Allows the iPod to be controlled via line-of-sight IR from the front of the iPort and (with optional cable and IR receiver) from a second location via a rear panel connection.
- Allows the iPod's volume control to control the iPort system volume.
- Connects to a computer, allowing the iPod to be updated via iTunes while it is docked (requires USB 2.0 cable, not included).
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit www.iportmusic.com.
- Optional balanced audio kit (70122) delivers audio up to 500 feet (152m) from the iPort
- Optional balanced video kit (70123) delivers video up to 250 feet (76m) from the iPort.

FS-21 System components*

- (1) iPort dock
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) Global switching power supply with international adapters



Part#	70115
Quantity	each

IPOUT IW UPGRADE KITS



PART# 70130
QUANTITY EACH

IPOUT IW-2 SERIES BALANCED AUDIO UPGRADE KIT

This upgrade for the iPort IW-21 delivers balanced audio up to 500 feet from the iPort, enabling long-distance system operation. Includes balanced audio sender card, balanced audio receiving wall plate and Decora wall plate.



PART# 70131
QUANTITY EACH

IPOUT IW-2 SERIES BALANCED VIDEO UPGRADE KIT

This upgrade for the iPort IW-21 and IW-22 delivers balanced video up to 250 feet (76m) from the iPort, enabling long-distance system operation. Includes balanced video sender card, balanced video receiving wall plate and Decora wall plate. Supports component video, via selector switch inside the iPort IW-21 or IW-22.

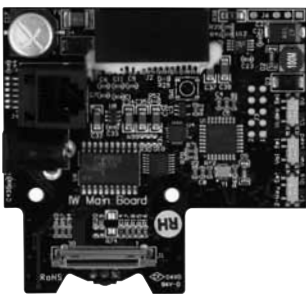


PART# 70012
QUANTITY EACH

IPOUT IW-2 SERIES RS-232 CONTROL UPGRADE KIT

This upgrade for the iPort IW-21 allows long-distance RS-232 control of iPod functions with 2-way communication (requires compatible 3rd-party controller). It includes an RS-232 plug-in circuit card (for insertion in the iPort) and an RS-232 extended control cable (RJ11 to female DB9, 2 meters).

Note: Requires Balanced Audio Upgrade Kit (part # 70130, see above).



For iPort IW-1
PART# 70124*
QUANTITY EACH

for iPort IW-2 – IW-5
PART# 70125*
QUANTITY EACH

IPOUT IW MAIN PCB UPGRADE KITS

These replacement main PCBs for the iPort IW-1 and for the iPort IW-2 through IW-5 support the following upgrades:

iPort IW-1 systems

- Charges all compatible iPod/iPod touch models except for 3rd-generation iPods.

iPort IW-2 – IW-5 systems

- Charges all compatible iPod/iPod touch models except for 3rd-generation iPods.
- Selectable variable audio output. A built-in audio preamp allows the iPort to control the iPod's volume via IR or from the iPod when in the general control mode.
- Selectable component or composite/S-Video output.
- Selectable default iPod control mode (RS-232 enable or disable).
- Main PCB authentication unlocks the video output on the 2nd generation iPod touch.
- The ability to update iPort firmware via the optional firmware update cable (part # 70132, see page 178).

*Note: Part #70124 can also be used to replace a damaged main PCB in iPort IW-20. Part #70125 can also be used to replace a damaged main PCB in iPort IW-21 and IW-22 models.

IPOINT FS-2 SERIES UPGRADE KITS

IPOINT FS-2 SERIES BALANCED AUDIO UPGRADE KIT

This upgrade for the iPort FS-21, FS-22, and FS-23 delivers balanced audio up to 500 feet (152m) from the iPort, for long-distance system requirements. It includes a balanced audio sender wall plate, a balanced audio receiver wall plate, a regulated DC power supply, and two Decora wall plates.



PART#	70122
QUANTITY	EACH

IPOINT FS-2 SERIES BALANCED VIDEO UPGRADE KIT

This upgrade for the iPort FS-21, FS-22, and FS-23 delivers balanced video up to 250 feet (76m) from the iPort, for long-distance system requirements. It includes a balanced video sender wall plate, a balanced video receiver wall plate, a regulated DC power supply, and two Decora wall plates.



PART#	70123
QUANTITY	EACH

IPOINT ACCESSORIES

IPOINT IW RACK-MOUNT PANEL

Allows all iPort IW systems to be mounted in a standard 19" equipment rack. 4U rack height. Brushed, black aluminum finish.

*While supplies last



PART#	70056
QUANTITY	EACH

IPOINT FIRE-RATED (LISTED) BACKCAN

The Intertek Listed* fire-rated backcan is a component in the iPort In-wall Docking System (WHI Design Listing SON/MP 60-01), comprised of an Intertek Listed fire-rated metal backcan (Model 70040), an unlisted ABS iPort Utility Box, and an unlisted iPort faceplate.

Can Dimensions (W x H x D): 17 1/4" x 11 1/2" x 3 1/2" (438mm x 292mm x 89mm)

Shipping Weight: 7 lbs (3.2kg) each

*See Intertek Directory of Listed Building Products at:

[http://etlwhidirectory.etlsemko.com/WebClients/ITS/DLP/Products.nsf/\\$\\$Search?OpenForm](http://etlwhidirectory.etlsemko.com/WebClients/ITS/DLP/Products.nsf/$$Search?OpenForm)



PART#	70040
QUANTITY	EACH

IPOINT ACCESSORIES



PART# 70132
QUANTITY EACH

IPOINT FIRMWARE UPDATE CABLE

Connects iPort IW-21, IW-22, and FS-22 to a computer for updating firmware. iPort firmware software updates are found at www.iportmusic.com.



PART# 70120
QUANTITY EACH

IPOINT FS-2 SERIES COMPOSITE/S-VIDEO CABLE

This 3.5mm to combination RCA/S-Video cable connects the iPort FS-21 and FS-22 video output to a video distribution system or display.



PART# 70133
QUANTITY EACH

IPOINT FS-2 SERIES COMPONENT VIDEO CABLE

This 3.5mm to 3-RCA cable connects the iPort FS-21, FS-22, and FS-23 video output to a video distribution system or display. Replacement for the cable already included with the iPort FS-21, FS-22, and FS-23.



PART# 70089
QUANTITY 6-PACK

IPOINT REPLACEMENT CONTROL MODE JUMPERS

Replacement for FS-22 control mode and balanced video wall plate adjustment jumpers. Sold in packs of six.

IPOINT ACCESSORIES

IPOINT BLACK FACEPLATE

Black IW faceplate for black iPods or decor requirements.
(May require IW iPod touch Upgrade Kit (70112).

Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, and IW-5.



PART#	70020
QUANTITY	EACH

IPOD TOUCH UPGRADE KIT FOR IW 1-5

The IW iPod touch Upgrade Kit is available for retrofitting an existing IW-1 through an IW-5 that was installed prior to the iPod touch being available. The faceplate is re-designed to allow user access to the iPod touch home button. The matching utility box must also be installed to support the interior dimension changes on the faceplate. The dealer removes the existing internal PCB (2) from the installed IW and re-installs them in the new plastics. There is no cut-out dimension change.

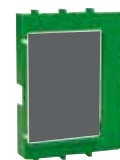


PART#	70112
QUANTITY	EACH

IPOINT IW STUD-MOUNT BRACKET

New construction bracket reserves the space for any IW model.

Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, and IW-5.



PART#	70008
QUANTITY	EACH

PART#	70016
QUANTITY	5-pack

IPOINT IW POWER SUPPLY

International power supply for the in-wall system. Includes US power cord.

Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, IW-5.



PART#	70015
QUANTITY	EACH

LAUNCHPORT®

Hold. Charge. Protect.

LaunchPort is the world's first inductive charging and magnetic mounting system for iPad® and iPad mini. By utilizing a method of charging and mounting that requires no mechanical fasteners or wires, LaunchPort creates exciting new ways to use an iPad while it is charging. The result is an experience that allows a user to effortlessly mount and dis-mount their iPad in more environments and applications. The LaunchPort system contains 2 components: a Sleeve and a Station. The Sleeve is a form-fitting case that protects iPad and provides an interface to connect to a Station. There are 2 types of stations: a tabletop BaseStation or WallStation which can be integrated into a variety of solid surfaces. The LaunchPort system creates new possibilities in residential and commercial spaces including hospitality, retail, medical, transportation and institutions. Use your iPad while it charges in more places than you ever thought possible with LaunchPort.



PART# 70166
QUANTITY EACH

LAUNCHPORT AP.3 SLEEVE BLACK

SPECIFICATIONS

Weight:	0.7 lbs (.32 kg)
Height:	10.08" (256 mm)
Width:	7.45" (189 mm)
Depth:	0.97" (24.6 mm)
Depth Off Wall:	1.19" (30.2 mm)
Made for:	iPad (3rd generation) and iPad 2



PART# 70167
QUANTITY EACH

LAUNCHPORT AP.3 SLEEVE WHITE

SPECIFICATIONS

Weight:	0.7 lbs (.32 kg)
Height:	10.08" (256 mm)
Width:	7.45" (189 mm)
Depth:	0.97" (24.6 mm)
Depth Off Wall:	1.19" (30.2 mm)
Made for:	iPad (3rd generation) and iPad 2

LAUNCHPORT

LAUNCHPORT BASESTATION

SPECIFICATIONS

Weight:	3.6 lbs (1.63 kg)
Height:	4.46" (113 mm)
Width:	5.00" (127 mm)
Depth:	5.95" (151 mm)



PART# 70141
QUANTITY EACH

LAUNCHPORT WALLSTATION BLACK

SPECIFICATIONS

Weight:	0.61 lbs (.27 kg)
Height:	4.9" (124.5 mm)
Width:	4.9" (124.5 mm)
Total Depth:	1.42" (36.1 mm)
Depth Off Wall:	0.41" (10.4 mm)
Depth Off Wall Including AR3 Sleeve:	1.18" (30 mm)



PART# 70170
QUANTITY EACH

LAUNCHPORT WALLSTATION WHITE

SPECIFICATIONS

Weight:	0.61 lbs (.27 kg)
Height:	4.9" (124.5 mm)
Width:	4.9" (124.5 mm)
Total Depth:	1.42" (36.1 mm)
Depth Off Wall:	0.41" (10.4 mm)
Depth Off Wall Including AR3 Sleeve:	1.18" (30 mm)



PART# 70142
QUANTITY EACH

LAUNCHPORT SECURITY PACK

The Security Pack provides a way to either temporarily or permanently tether your iPad-in-Sleeve to a fixture. Ideal for public or retail environments. The system works by connecting the lanyard to the Sleeve and locking the Sleeve together using a security screw. The result is an aesthetically simple, mechanically solid solution for deterring theft of your iPad and LaunchPort system. Works with any AR3 Sleeve and later.



PART# 70169
QUANTITY EACH

LAUNCHPORT TRAVEL STAND BLACK

The Travel Stand is a great way to add legs to your LaunchPort Sleeve. The Travel Stand works with any Sleeve—magnetically connecting into the circle on the Sleeve. The result is an ideal mounting angle for typing and working with your iPad away from your LaunchPort Station.



PART# 70171
QUANTITY EACH

LAUNCHPORT TRAVEL STAND WHITE

The Travel Stand is a great way to add legs to your LaunchPort Sleeve. The Travel Stand works with any Sleeve—magnetically connecting into the circle on the Sleeve. The result is an ideal mounting angle for typing and working with your iPad away from your LaunchPort Station.



PART# 70172
QUANTITY EACH

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