



SPH-EVO950DAB-UNI

One Size Fits All: 1-DIN and 2-DIN

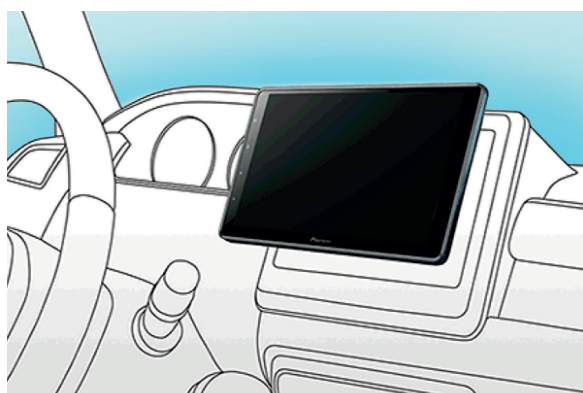
Bring the latest technology into your car, thanks to Pioneer's SPH-EVO950DAB. Experience technologies such as Apple CarPlay, Android Auto, WebLink® and DAB+ Digital Radio. With its 'floating' or 'tablet' style installation the SPH-EVO950DAB can be installed into many vehicle types, for example, traditional 1-DIN, 2-DIN, Campervans, or even vehicles where a traditional stereo does not fit thanks to its unique universal floating installation or in-dash installation capabilities. This new flexible modular design makes the SPH-EVO950DAB compatible with almost any vehicle! Its large 9" WSVGA Capacitive touchscreen allows for an industry first from Pioneer: Split Screen Mode. Now you can enjoy Apple CarPlay or Android Auto and the SPH-EVO950DAB's menu at the same time on one screen. Safely operate your music (i.e. Radio, USB,) whilst looking at your map screen together. Enjoy optimized sound quality, as you would expect from Pioneer. The SPH-EVO950DAB features a custom high-performance 48-bit dual-core DSP that enables advanced sound quality tuning and adjustability.



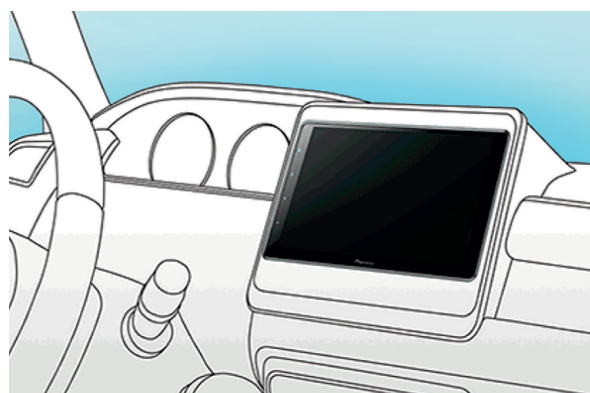
Flexible Installation To Suit Many Vehicles

When mounting the SPH-EVO950DAB-UNI/SPH-EVO950DAB-UNI2 display panel, you can adjust the monitor position according to your vehicle needs and the vehicles interior design.

Floating installation



In Dash installation



The impossible becomes possible

Key Features

1. Built-In Wi-Fi®



With built-in Wi-Fi® you can now use Apple CarPlay and Android Auto wirelessly. You no longer need a connection cable. Say hello to greater freedom and goodbye to clutter and complication.

2. Apple CarPlay™



Apple CarPlay™ is a smarter, safer way to use your iPhone in the car. It allows you to stay focused on the road and get directions, make calls, send and receive messages and listen to music.

3. Android Auto™



Android Auto™ automatically brings you useful information and organises it into simple cards that appear just when they're needed. It's designed to minimise distraction so you can stay focused on the road ahead.

4. WebLink®



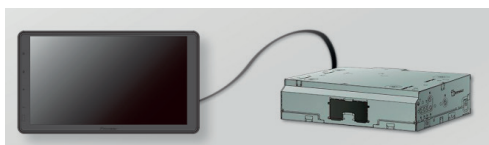
The new WebLink® app expands in-car entertainment with an amazing world of apps. Enjoy personalised music, videos, and other connected content powered by your phone/ tablet and the cloud.

5. Split Screen Mode



This new INDUSTRY FIRST feature allows you to display and control specific functions of the SPH-EVO950DAB, on an adjacent partition of the screen by dynamically resizing the Apple CarPlay or Android Auto user interface.

6. Flexible Mounting



For illustrative purposes only.

New mechanical design allows the screen panel to be installed separately from the main unit, thus expanding your options for installation. This method is useful for cars where there is no space in the dashboard for the main unit.

Split Screen Mode



(1) This Wi-Fi CERTIFIED™ Logo is a certification mark of Wi-Fi Alliance® (2) Apple CarPlay is available on iPhone 5 or later. For compatibility and availability feature, please visit the official Apple CarPlay website at apple.com/ios/carplay (3) Availability of Android Auto may vary depending on your country or phone model. Please visit android.com/auto for more information.



Display Audio Navigation, Music, DAB+



GO WIRELESS

Compliment your lifestyle by bringing your favourite smartphone apps with you. Products with a wireless connection offer an even more connected and convenient

use of Apple CarPlay and Android Auto. Enjoy your apps on a big screen and experience them via voice-control. Enjoy a truly connected experience.

Key Features

1. Built-In WI-FI®

Experience Apple CarPlay or Android Auto via a wireless connection. The best means of operating a smartphone is wirelessly, for greater freedom from clutter and complication.

2. Apple CarPlay™

Apple CarPlay™ is a smarter, safer way to use your iPhone in the car that allows you to stay focused on the road and get directions, make calls, send and receive messages, and listen to music. Just connect your iPhone and go.

3. Android Auto™

Android Auto™ automatically brings you useful information and organises it into simple cards that appear just when they're needed. It's designed to minimise distraction so you can stay focused on the road ahead.

4. Large Capacitive Type Display

Pioneer's large Capacitive Type Displays give you a dynamic new visual experience and makes the operation much easier. All Pioneer displays are highly responsive enabling smoother, easier and safer operation whilst driving.

5. DAB/DAB+ Digital Radio

Enjoy the convenience of listening to your favourite radio stations in crystal clear digital quality thanks to a built-in DAB+ Digital Radio tuner. The SPH-EVO950DAB is a Digital Radio Tick Mark Approved product. This means Pioneer has met the minimum Digital Radio specification, verified by independent testing. All Pioneer products that use this Digital Radio Tick Mark have been independently tested and approved so you can buy with confidence.

6. Bluetooth®

Built-in Bluetooth wireless connectivity provides convenient hands-free calling and music streaming with compatible Bluetooth enabled devices. Users can experience hands-free calling and/or music to be streamed.

and more...

	Installation Type	Navigation	Screen	Apple CarPlay	Android Auto	WebLink®	Bluetooth®	DAB+ Digital Radio	CD/DVD	Accessories (Sold Separately)
 NEW SPH-EVO950DAB-UNI SPH-EVO950DAB-UNI2	Modular 1-Din Modular 2-Din	Via Apple CarPlay Via Android Auto	9" WSVGA Capacitive	Wireless / Wired	Wireless / Wired	Wired	✓	✓	✗	SDA-HU100 / ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via Apple CarPlay Via Android Auto	7" WVGA Clear Type Resistive	Wireless / Wired	Wired	Wired	✓	✓	✓	ND-BC8 / CA-AN-DAB.001
	Standard 1-Din	Via Apple CarPlay Via Android Auto	7" WVGA Clear Type Resistive (Motorised Flip-out)	Wired	Wired	Wired	✓	✓	✓	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via Apple CarPlay Via Android Auto	6.8" WVGA Clear Type Resistive	Wired	Wired	Wired	✓	✓	✓	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wireless / Wired	Wireless / Wired	Wired	✓	✓	✗	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wired	Wired	Wired	✓	✓	✗	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via WebLink®	6.2" WVGA Clear Type Resistive	✗	✗	Wired	✓	✓	✓	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via WebLink®	6.8" WVGA Capacitive	✗	✗	Wired	✓	✓	✗	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via WebLink®	6.2" WVGA Clear Type Resistive	✗	✗	Wired	✓	✓	✗	ND-BC8 / CA-AN-DAB.001
	Standard 2-Din	Via WebLink®	6.2" WVGA Clear Type Resistive	✗	✗	Wired	✓	✗	✗	ND-BC8

WebLink®

The new WebLink® app expands in-car entertainment with an amazing world of apps. Enjoy personalised music, videos, and other connected content powered by your phone/ tablet and the cloud.



Two way Mirroring for iPhone & Android

The WebLink® app turns your vehicle into a connected car by letting you easily enjoy your favorite apps on the go. Once you've downloaded the app, simply use your smartphone to connect to your car's WebLink®-compatible Pioneer receiver, and then launch popular navigation, media, weather, and even calendar apps.



SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

Subwoofers

Amplifiers

Dash Camera

Product overview



Car Audio with Pioneer Smart Sync App

Pioneer Smart Sync app is the one-stop solution for getting the most out of your smartphone. Enjoy the freedom of smart functions, lifting your driving experience to a new level. Personalise the app easily for a more enjoyable drive, switching between Driver Pilot Mode or Personal Photo Mode in a click. You can also listen to your favourite artists in true Pioneer sound quality, navigate to your destination with Voice Control (Alexa) and so much more. You will get to enjoy driving as you've never experienced it.

Key Features

1. One-Touch Safe Access

Pioneer Smart Sync app launches from a dedicated button on compatible Pioneer receivers, offering a safe and quick way to launch the application in the vehicle.

2. Driver Pilot Mode

Experience live vehicle data on your large smartphone screen thanks to Driver Pilot Mode. View and monitor live vehicle data such as vehicle speed, fuel consumption or driving time, in real time. (Some data requires a connection to a 3rd party OBD-II connector, sold separately).

3. Personal Photo Mode

With Personal Photo Mode, you can choose your own photos as the wallpaper to match your mood. Easily change your background to any picture from your camera roll. With a host of extra customisation options such as

driving information, source selection, different colours, backgrounds, and themes you can customise and display the features of the Pioneer Smart Sync app exactly the way you want.

4. Higher Quality Sound Experience

Enhance the sound experience in your vehicle. From 31 band Graphic Equaliser adjustments, Live Simulation sound effects, Easy Sound Fit and (manual) Time Alignment, you can create the ideal sound experience in your car.

5. Alexa Built-in

Ask Alexa* to play music, hear the news, check the weather and more through the Pioneer Smart Sync App.

*Alexa is not available in all languages and countries. Alexa features and functionality may vary by location and phone model. Pioneer Smart Sync App and compatible product required.



Large speedometer design brings you better visibility of the speed and a more fun experience!

Customise your screen, by choosing your favorite picture from your camera roll as a wallpaper.



Your Car, Your Music, Your World



OBD-II code reader (sold separately)

Visualise driving data such as average speed and fuel consumption through the OBD-II code reader (sold separately) that's plugged into your vehicles. Find a compatible OBD-II code reader on www.pioneer-car.eu/eur/smart-sync#benefitVehiclePerformanceMonitor

Car Audio with DAB+

		Built-in Smartphone Cradle	CD Player	Preouts	Colour Customi- sation	Equaliser	Time Alignment	Screen	dab+
	SPH-20DAB	✓	✗	2	✓	13 Band (31 Band via PSS app)	Manual (via PSS App)	LCD 1 Line text	
	MVH-S520DAB	✗	✗	3	✓	13 Band / N	Manual (via PSS App)	LCD 2 Line text	
	MVH-S420DAB	✗	✗	2	✗	13 Band	Manual	LCD 2 Line text	
	DEH-S720DAB	✗	✓	3	✓	13 Band / N	Manual	LCD 2 Line text	
	FH-S820DAB	✗	✓	3	✓	13 Band / N	Manual	LCD 2 Line text	

Car Audio Regular

		Pioneer Smart Sync	Built-in Smartphone Cradle	CD Player	Preouts	Short Chassis	MIXTRAX	Colour Customi- sation	Equaliser	Time Alignment	Direct Control for iPod/ iPhone
	SPH-10BT	✓	✓	✗	2	✗	✗	✓	13 Band (31 Band via PSS app)	Manual	iPhone only
	MVH-S520BT	✓	✗	✗	3	✗	✗	✓	13 Band	Manual	iPhone only
	MVH-S420BT	✓	✗	✗	2	✓	✗	✗	13 Band	Manual	iPhone only
	MVH-S320BT	Android only	✗	✗	2	✓	✗	✗	13 Band	Manual	✗
	DEH-S520BT	✓	✗	✓	3	✗	✓	✓	13 Band	Manual	iPhone only
	DEH-S420BT	✓	✗	✓	2	✗	✗	✗	13 Band	✗	iPhone only
	DEH-S320BT	Android only	✗	✓	2	✗	✗	✗	13 Band	✗	✗
	FH-S720BT	✓	✗	✓	3	✗	✗	✓	13 Band / N	Manual	iPhone only

As Pioneer Car Audio technology is constantly evolving, we regularly update the Pioneer Smart Sync app with new features. Be the first to know about the latest product information, firmware updates and other topics by registering to **My Account** on www.pioneer-car.eu/eur/user/register.



SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

Subwoofers

Amplifiers

Dash Camera

Product overview



Upgrade your sound, with Pioneer Car Speakers

Pioneer is devoted to developing automotive loudspeakers using the most advanced computer modelling, real world measurements and most importantly, our own ears. Reproducing music in its purest form and allowing the listener to experience the music as the artist intended. That's the true sound of Pioneer.

Z Series

No Compromise. High Resolution Sound. The Z Series is based on highly advanced technology, employing carefully selected materials and parts, benefiting from our decades of automotive loudspeaker design theory and testing ability.



TS-Z65CH, TS-Z10LS4/S2 and more
(see overview on page 20)



TS-Z65CH



TS-Z10LS4/S2

D Series

Bold Sound & Wide Coverage. Following Pioneer's OPEN & SMOOTH™ sound concept, the D Series of high performance speakers provide broad and balanced frequency response with a wide sound stage and ambience.



TS-D65C, TS-D10LS4/S2 and more
(see overview on page 20)



TS-D65C



TS-D10LS4/S2

Experience the music...

A Series

The Perfect OEM Sound Upgrade System. Designed to be the perfect OEM sound upgrade system, the A Series speakers deliver Pioneer's famous OPEN & SMOOTH™ sound concept, all in an easy to install package whilst being able to deliver 'Richer Bass and Well Controlled Sound'.



For illustrative purposes only.

TS-A6960F, TS-A1600C, TS-A300B and more (page 21)

R Series

Strong, Loud & Aggressive. Designed to generate its loud and controlled sound quality from a multilayer mica matrix woofer cone which ensures punching bass and improved midrange frequency response.



TS-R1750S and more (page 22)

G Series

The Perfect Replacement Offering A Well Balanced Sound. Offers wide, easy install ability and excellent value for money. These speakers reproduce deep, impactful bass and natural highs – even when connected to your original stereo system.



For illustrative purposes only.

TS-G6930F, TS-G170C and more (page 22)

Custom-Fit Series

Easily Upgrade For Higher Quality Sound. Features a high performance IMPP (Injection-Moulded Polypropylene) cone for rich bass sounds and come with a unique connector – there is no need for additional adapters or modifications.



TS-170CI and more (see www.pioneer-car.eu)



PIONEER CARSOUNDFIT APP

Pioneer's CarSoundFit application simulates the sound quality difference when original pre-fitted speakers would be replaced by Pioneer speakers in your vehicle.



Because your music needs a strong foundation

ACTIVE POWERED SUBWOOFER

Pioneer's active powered subwoofers are designed to be installed in the passenger foot space area or the boot. No matter its size, it's always powerful and space saving.

Key Features

- 1. Built-in amplifier** simplifies installation, especially in tight space.
- 2. Pre-loaded subwoofer** with Class-D amplifier provides high-quality bass sound via remote control.
- 3. High-efficiency, high-quality** Class-D amplifier with bass boost circuit reproduces rich bass sound even at low volume.
- 4. Space-saving designs**, mesh grill protection and a classy look make these units a great match for various vehicle types.

TS-WX140DA



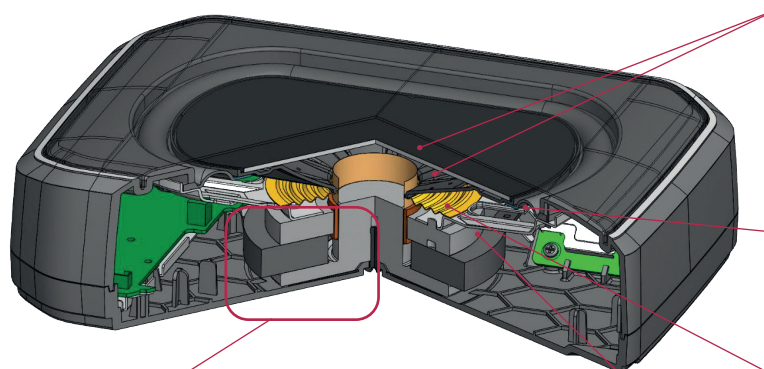
TS-WX1010LA



TS-WX400DA



TS-WX70DA



High Performance Magnetic Circuit

Delivers powerful bass reproduction with a dedicated design that maximizes performance, even under strict dimensional restrictions.

- Large magnet of $\phi 110 \times 13 \text{ mm}$.
- Thick plate with a thickness of 10 mm
- Long voice coil with a large wire diameter

Aluminium diaphragm/Cone body

High-rigidity aluminium diaphragm and pulp cone achieves both lightness and high rigidity. Even with a small-capacity cabinet, there is no deformation of the diaphragm, resulting in low distortion and accurate bass reproduction.

Urethane Surround

Flexibility to move the assembled cone accurately and controlled, contributing to improved linearity.

Aramid Fiber Spider

Maintains accurate followability even for large input signals and secures stable drive.

Highly Rigid Basket With Shallow Profile

That basket is optimized with a shallow and compact structure, supporting clear and heavy bass levels.

Subwoofers

OVERVIEW WITH KEY SPECIFICATIONS

SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

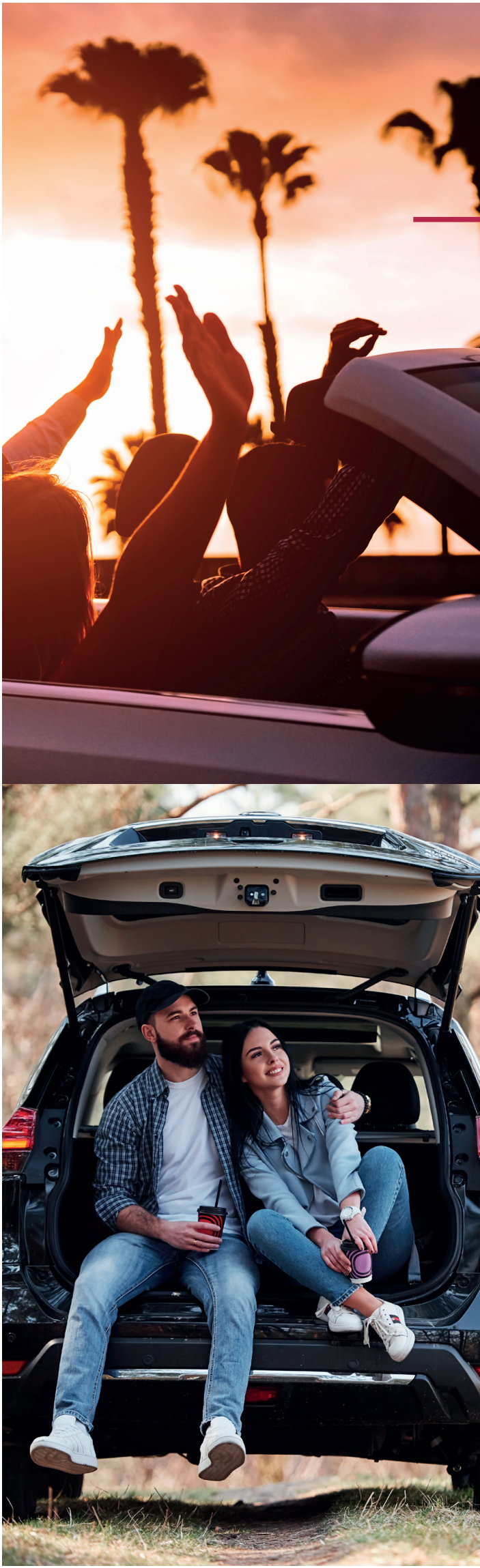
Subwoofers

Amplifiers

Dash Camera

Product overview

	Size (cm) (W x D x H)	Type	DIGITAL BASS CONTROL	Class-D	Maximum Power	Nominal Power	Frequency Response	Sensitivity	Impedance	Mounting depth	Cut-Out Dimensions ø	Recommended Enclosure (ft³ / litre)	Wired Remote Control Included
 GXT-3730B-SET	355 (W) x 350 (H) x 368 (D) mm	Sub & Amp Package (cables included)	✗	✗	1400 W	400 W	22 Hz - 1.6 kHz	87 dB	4 Ω	✗	✗	✗	✗
 TS-WX306B	508 (W) x 379 (H) x 328 (D) mm	Sealed	✗	✗	1300 W	350 W	20 - 125 Hz	94 dB	4 Ω	✗	✗	✗	✗
 TS-WX306T	335 (Dia) x 640 (W)	Pass Reflex Tube Type	✗	✗	1300 W	350 W	20 - 125 Hz	96 dB	4 Ω	✗	✗	✗	✗
 TS-WX300A	503 (W) x 378 (H) x 318 (D) mm	Active	✗	✓	1300 W	350 W	20 - 130 Hz	113 dB	✗	✗	✗	✗	✗
 TS-WX70DA	85 x 32 x 9 cm	Active / Ultra-Flat	✓	✓	200 W	100 W	Deep: 20 - 250 Hz Dynamic: 40 - 250 Hz	Deep: 104 dB Dynamic: 110 dB	✗	✗	✗	✗	✓
 TS-WX400DA	30 x 20 x 10 cm	Active / Under seat	✓	✓	250 W	100 W	Deep: 20 - 100 Hz Dynamic: 40 - 100 Hz	Deep: 100 dB Dynamic: 100 dB	✗	✗	✗	✗	✓
 TS-WH500A	34 x 25 x 6 cm	Active / HVT Sealed	✗	✗	150 W	50 W	20 - 200 Hz	98 dB	✗	✗	✗	✗	✓
 TS-WX1220AH	74.5 x 44.3 x 40 cm	Active / Dual 12" Slot Port	✗	✓	3000 W	1000 W	20 Hz ~ 2.9 kHz	118 dB	✗	✗	✗	✗	✓
 TS-WX1210AH	37.3 x 44.3 x 40 cm	Active / Single 12" Slot Port	✗	✓	1500 W	500 W	20 Hz ~ 2.9 kHz	114 dB	✗	✗	✗	✗	✓
 TS-WX1010LA	53 x 11.8 x 30 cm (Top Surface 15 cm)	Active / 10" Shallow Sealed	✗	✓	1200 W	300 W	21 Hz ~ 3.4 kHz	111 dB	✗	✗	✗	✗	✓
 TS-WX010A	230 x 116 x 70 mm	Active / Footspace	✗	✓	160 W	50 W	20 Hz - 200 Hz	98 dB	✗	✗	✗	✗	✗
 TS-WX140DA	280 x 200 x 70 mm	Active / Under seat	✓	✓	170 W	50 W	Deep: 20 - 200 Hz Dynamic: 40 - 160 Hz Natural: 40 - 200 Hz	Deep: 95 dB Dynamic: 100 dB Natural: 98 dB	✗	✗	✗	✗	✓
 TS-WX130EA	28 x 20 x 7 cm	Active / Under seat	✗	✓	160 W	50 W	40 - 200 Hz	98 dB	✗	✗	✗	✗	✗



High Quality Amplifiers

Pioneer is renowned for high quality durable amplifiers. All of these features result in an improved sound experience in your car, even when connected to your original car audio system.



Key Features

- 1. High Resolution Sound
- 2. Easy To Install
- 3. Compact size
- 4. Class D Technology
- 5. Speaker Line Input Sensor

GM-D8704

4-Channel 1200W
Class-FD Car
Amplifier

1,200 W MAX.



DEQ-S1000A2

Designed to upgrade the sound of your original factory car stereo and speakers. Connects to Apple iOS & Android devices, and utilises Pioneer's Sound Tune app, for set up and high quality audio features.



Add power to your sound

		Number of Channels	Class D	Maximum power	Continuous Power	Frequency Response	Distortion	S/N Ratio	Dimensions (W x H x D)
	PRS-D800	2/1	✓	250 W x 2 (4 Ω) 600 W x 1 (4 Ω bridged)	125 W x 2 (4 Ω) 150 W x 2 (2 Ω) 300 W x 1 (4 Ω bridged)	10 Hz - 30 kHz	< 0.004 %	> 105 dB	255 x 50 x 104 mm
	GM-DX874	4/3/2	✓	200 W x 4 (4 Ω) 300 W x 4 (2 Ω) 1200 W Total	100 W x 4 (4 Ω) 150 W x 4 (2 Ω) 125 W x 4 (1 Ω) 300 W x 2 (4 Ω bridged)	10 Hz - 50 kHz	< 0.05 %	> 95 dB	252 x 60 x 215 mm
	GM-D9704	4/3/2	✓	260 W x 4 (4 Ω) 400 W x 4 (2 Ω) 1600 W Total	130 W x 4 (4 Ω) 200 W x 4 (2 Ω) 130 W x 4 (1 Ω) 400 W x 2 (4 Ω bridged)	10 Hz - 50 kHz	< 0.05 %	> 95 dB	302 x 60 x 215 mm
	GM-D9701	1	✓	1000 W x 4 (4 Ω) 1600 W x 4 (2 Ω) 2400 W Total	500 W x 1 (4 Ω) 800 W x 1 (2 Ω) 1200 W Total	10 Hz - 240 kHz	< 0.05 %	> 100 dB	302 x 60 x 215 mm
	GM-D8704	4/3/2	✓	200 W x 4 (4 Ω) 300 W x 4 (2 Ω) 1200 W Total	100 W x 4 (4 Ω) 150 W x 4 (2 Ω) 125 W x 4 (1 Ω) 300 W x 2 (4 Ω bridged)	10 Hz - 50 kHz	< 0.05 %	> 95 dB	252 x 60 x 215 mm
	GM-D8701	1	✓	600 W x 1 (4 Ω) 1000 W x 1 (2 Ω) 1600 W Total	300 W x 1 (4 Ω) 500 W x 1 (2 Ω) 800 W Total	10 Hz - 240 kHz	< 0.05 %	> 100 dB	252 x 60 x 215 mm
	GM-D1004	4	✓	100 W x 4 (4 Ω) 100 W x 4 (2 Ω)	45 W x 4 (4 Ω) 45 W x 4 (2 Ω)	10 Hz - 40 kHz	< 0.05 %	> 90 dB	181 x 38 x 64 mm
	GM-A6704	4/3/2	✗	170 W x 4 (4 Ω) 250 W x 4 (2 Ω) 500 W x 2 (4 Ω bridged)	60 W x 4 (4 Ω) 95 W x 4 (2 Ω) 190 W x 2 (4 Ω bridged)	10 Hz - 70 kHz	< 0.05 %	> 95 dB	356 x 60 x 215 mm
	GM-A4704	4/3/2	✗	80 W x 4 (4 Ω) 130 W x 4 (2 Ω) 260 W x 2 (4 Ω bridged)	40 W x 4 (4 Ω) 65 W x 4 (2 Ω) 130 W x 2 (4 Ω bridged)	10 Hz - 70 kHz	< 0.05 %	> 94 dB	326 x 60 x 215 mm
	GM-A5702	2/1	✗	300 W x 2 (4 Ω) 500 W x 2 (2 Ω) 1000 W x 1 (4 Ω bridged)	150 W x 2 (4 Ω) 240 W x 2 (2 Ω) 480 W x 1 (4 Ω bridged)	10 Hz - 70 kHz	< 0.05 %	> 96 dB	356 x 60 x 215 mm
	GM-A3702	2/1	✗	170 W x 2 (4 Ω) 250 W x 2 (2 Ω) 500 W x 1 (4 Ω bridged)	60 W x 2 (4 Ω) 95 W x 2 (2 Ω) 190 W x 1 (4 Ω bridged)	10 Hz - 70 kHz	< 0.05 %	> 95 dB	246 x 60 x 180 mm



GXT-3730B-SET

Subwoofer and amplifier package, including 30 cm subwoofer in sealed enclosure, 2-channel bridgeable amplifier and connecting cables.



A Pioneer Dash Camera

Pioneer Dash Cameras are designed to protect you and your loved ones. They capture every movement in high quality, giving you piece of mind when driving or even when parked. Our Dash Cameras are designed to protect you from insurance fraud, in case of an accident. With high quality recordings, you can easily prove responsibility. Find a Dash Camera for your need and hit the road safely!



Key Features

1. High Quality 4K & Full HD Recording

The better the quality of the video recording, the more reliable the evidence. That is why Pioneer's entire Dash Camera range can capture detailed images in FULL HD (1920 x 1080). Thanks to the high quality of the recordings they can be used as evidence in case of an incident.

2. Wide Viewing Angle

A moving object can come from any direction. Enjoy panoramic video content and imagery thanks to our Wide Viewing Angle, capturing every event around your vehicle.

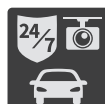


3. 24/7 Security Mode

Monitor your vehicle 24 hours a day, 365 days a year, using your vehicles battery. When your vehicle is parked, as soon as movement is detected caused by an impact, the Dash Camera will automatically trigger a video recording.

4. Night Time Mode

Reliable, high-sensitivity and high-quality video recording at night. When driving on roads, in tunnels or at night, you can clearly record your vehicle and surrounding conditions. By using a Sony's CMOS sensor with STARVIS™ technology, our Dash Cameras are suitable for night time recording.



Optional Rear camera

On selected models Pioneer offers an optional rear facing camera, ND-RC1.

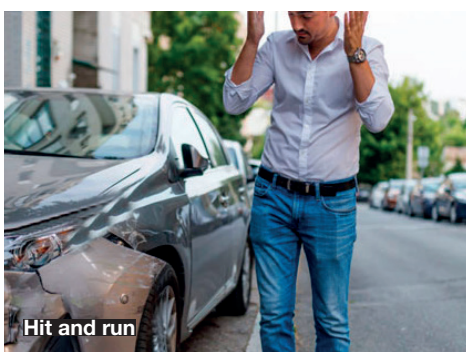
The optional camera not only enables dual channel recording but also Tailgating Warning. By using a Sony's CMOS sensor with STARVIS technology, the camera also allows perfect recording at night.



Car accidents



Arguments



Hit and run

Your extra eye on the road!

		Camera Type	Screen Size	Resolution	Viewing Angle	24/7 Security Mode	Night Time Mode	Sensor	Smartphone App	Voice Guidance / Voice Recognition	ADAS (Advanced Driver Assistance Systems)	Rear View Mirror Type	Accessories (Sold Separately)
	VREC-Z810SH	1-Channel (Optional Rear)	3" LCD	4K	Front: 139°	✓ ⁽¹⁾	✓	Sony's CMOS sensor with STARVIS™ technology	Pioneer "Dash Camera Connect" app	✓	Stop & Go FCWS ⁽²⁾ / LDWS ⁽³⁾	✗	ND-RC1
	VREC-Z710SH	1-Channel (Optional Rear)	2" LCD	Full HD	Front: 160°	✓ ⁽¹⁾	✓	Sony's CMOS sensor with STARVIS™ technology	Pioneer "Dash Camera Interface" app	✗	Tailgating Warning	✗	ND-RC1 / AD-PLF100
	VREC-H310SH	1-Channel (Optional Rear)	3" LCD	Full HD	Front: 139°	✓ ⁽¹⁾	✓	Sony's CMOS sensor with STARVIS™ technology	Pioneer "Dash Camera Connect" app	✗	FCWS ⁽²⁾ / LDWS ⁽³⁾	✗	ND-RC1
	VREC-150MD	2-Channel	6.7" LCD Touchscreen	Full HD	Front: 150° Rear: 120°	✗	✗	CMOS sensor	✗	✗	✗	✓	✗

VREC-150MD is not available in all countries.

(1) Wiring kit included in the box. (2) Front Collision Warning System (FCWS). (3) Lane Departure Warning System (LDWS).

VREC-Z810SH



VREC-Z710SH



VREC-H310SH



VREC-150MD

VREC-150MD is not available in all countries.



Display Audio

OVERVIEW WITH KEY SPECIFICATIONS

Navigation		Installation type	Navigation	Screen	Apple Carplay	Android Auto	Wired Mirroring	Bluetooth	DAB+ Digital Radio	USB	CD / DVD player
	AVIC-Z1000DAB	2-Din Body, with larger display	Built-in	9" WVGA Capacitive	Wireless / Wired	Wireless / Wired	WebLink® 1.0	✓	✓	2	✗
	AVIC-Z930DAB	Standard 2-DIN	Built-in	7" WVGA Capacitive (Motorised)	Wireless / Wired	Wireless / Wired	WebLink® 1.0	✓	✓	2	✓
	AVIC-Z830DAB	Standard 2-DIN	Built-in	7" WVGA Clear Type Resistive (Motorised)	Wireless / Wired	Wireless / Wired	WebLink® 1.0	✓	✓	2	✓
	AVIC-Z730DAB	Standard 2-DIN	Built-in	6.2" WVGA Clear Type Resistive	Wireless / Wired	✗	WebLink® 1.0	✓	✓	2	✓
	AVIC-Z630BT	Standard 2-DIN	Built-in	6.2" WVGA Clear Type Resistive	Wireless / Wired	✗	WebLink® 1.0	✓	✗	2	✓

Car specific

	NEW SPH-EVO950DAB-UNI SPH-EVO950DAB-UNI2	Modular 1-DIN Modular 2-DIN	Via Apple CarPlay Via Android Auto	9" WSVGA Capacitive	Wireless / Wired	Wireless / Wired	Wired	✓	✓	1	✗
	SPH-EVO930DAB	Modular and 1-DIN	Via Apple CarPlay Via Android Auto	9" HD (1280x720) Capacitive	Wireless / Wired	Wireless / Wired	✗	✓	✓	1	✗
	SPH-EVO82DAB	Modular and 1-DIN	Via Apple CarPlay Via Android Auto	8" WVGA Capacitive	Wired	Wired	WebLink® 1.0	✓	✓	1	✗
	SPH-EVO64DAB	Modular, 1-DIN and 2 DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wireless / Wired	Wireless / Wired	✗	✓	✓	1	✗
	SPH-EVO62DAB	Modular, 1-DIN and 2 DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Clear Type Resistive	Wired	Wired	WebLink® 1.0	✓	✓	1	✗



SPH-EVO950DAB-UNI/SPH-EVO950DAB-UNI2 New Display Audio



Multimedia

		Installation type	Navigation	Screen	Apple CarPlay	Android Auto	Wired Mirroring	Bluetooth	DAB+ Digital Radio	USB	CD / DVD player
	SPH-DA360DAB	Standard 2-DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wireless / Wired	Wireless / Wired	WebLink® Cast	✓	✓	1	✗
	SPH-DA250DAB	Standard 2-DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wired	Wired	WebLink® 1.0	✓	✓	1	✗
	SPH-DA160DAB	Standard 2-DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Capacitive	Wired	Wired	USB Mirroring for Android	✓	✓	1	✗
	AVH-Z9200DAB	Standard 2-DIN	Via Apple CarPlay Via Android Auto	7" WVGA Clear Type Resistive	Wireless / Wired	Wireless / Wired	WebLink® 1.0	✓	✓	2	✓
	AVH-Z7200DAB	Standard 1-DIN	Via Apple CarPlay Via Android Auto	7" WVGA Clear Type Resistive Flip-out	Wired	Wired	WebLink® 1.0	✓	✓	1	✓
	AVH-Z5200DAB	Standard 2-DIN	Via Apple CarPlay Via Android Auto	6.8" WVGA Clear Type Resistive	Wired	Wired	WebLink® 1.0	✓	✓	1	✓
	AVH-Z3200DAB	Standard 2-DIN	Via Apple CarPlay	6.2" WVGA Clear Type Resistive	Wired	✗	WebLink® 1.0	✓	✓	1	✓
	AVH-A3200DAB	Standard 2-DIN	With AVIC-F160-2 With AVIC-F260-2	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® 1.0	✓	✓	1	✓
	DMH-A3300DAB	Standard 2-DIN	✗	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® 1.0	✓	✓	1	✗

WebLink® Cast

	DMH-AF555BT	Modular 2-DIN	Via WebLink®	9" WSVGA Capacitive	✗	✗	Wired	✓	✗	✓	✗
	DMH-A340DAB	Standard 2-DIN	Via Wired Mirroring	6.8" WVGA Capacitive	✗	✗	WebLink® Cast	✓	✓	1	✗
	DMH-A240DAB	Standard 2-DIN	Via Wired Mirroring	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® Cast	✓	✓	1	✗
	DMH-A240BT	Standard 2-DIN	Via Wired Mirroring	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® Cast	✓	✗	1	✗
	AVH-A240DAB	Standard 2-DIN	Via Wired Mirroring	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® Cast	✓	✓	1	✓
	AVH-A240BT	Standard 2-DIN	Via Wired Mirroring	6.2" WVGA Clear Type Resistive	✗	✗	WebLink® Cast	✓	✗	1	✓

SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

Subwoofers

Amplifiers

Dash Camera

Product overview

Car Audio

OVERVIEW WITH KEY SPECIFICATIONS

Car Audio with DAB+

		DAB+ Digital Radio	Pioneer Smart Sync	Built-in Smart-phone Cradle	Blue-tooth	CD Player	USB	Pre-outs	Short Chassis	Quick Charge for Android	Colour Customisation	Equaliser	MOSFET 50 W x 4 Power	Time Alignment	I/R Remote Control compatible	Audio compatibility	Direct Control for iPod/iPhone	Screen
	SPH-20DAB	✓	✓	✓	✓	✗	1	2	✗	✓	✓	13 Band (31 Band via PSS app)	✓	Manual (via PSS App)	✗	MP3/ WMA/ WAV/ AAC/ FLAC	iPhone only	LCD 1 Line text
	MVH-S520DAB	✓	✓	✗	✓	✗	1	3	✗	✓	✓	13 Band / N	✓	Manual (via PSS App)	✗	WMA/ MP3/ WAV/ AAC/ FLAC	iPhone only	LCD 2 Line text
	MVH-S420DAB	✓	✓	✗	✓	✗	1	2	✗	✓	✗	13 Band	✓	Manual	✗	WMA/ MP3/ WAV/ AAC/ FLAC	iPhone only	LCD 2 Line text
	MVH-330DAB	✓	✗	✗	✓	✗	1	1	✓	✗	✗	2 Band	✓	✗	✗	MP3/ WMA/ WAV/ AAC/ FLAC	✗	LCD 1 Line text
	MVH-S220DAB	✓	✗	✗	✗	✗	1	2	✗	✗	✗	5 Band	✓	✗	✗	MP3/ WMA/ WAV/ AAC	iPhone only	LCD 1 Line text
	MVH-130DAB	✓	✗	✗	✗	✗	1	1	✓	✗	✗	2 Band	✓	✗	✗	MP3/ WMA/ WAV/ AAC/ FLAC	✗	LCD 1 Line text
	FH-S820DAB	✓	✓	✗	✓	✓	1	3	✗	✓	✓	13 Band / N	✓	Manual	✗	WMA/ MP3/ WAV/ AAC/ FLAC	iPhone only	LCD 2 Line text
	DEH-X8700DAB	✓	✗	✗	✓	✓	1	3(4V)	✗	✗	✓	5 Band	✓	✗	✓	MP3/ WMA/ WAV/ AAC/ FLAC	✓	LCD 2 Line text
	DEH-S720DAB	✓	✓	✗	✓	✓	1	3	✗	✓	✓	13 Band / N	✓	Manual	✗	MP3/ WMA/ WAV/ AAC/ FLAC	iPhone only	LCD 2 Line text
	DEH-S410DAB	✓	✗	✗	✗	✓	1	2	✗	✗	✓	5 Band	✓	✗	✗	MP3/ WMA/ WAV/ AAC	✓	LCD 1 Line text
	DEH-X7800DAB	✓	✗	✗	✓	✓	1	2	✗	✗	✓	13 Band	✓	Manual	✗	MP3/ WMA/ WAV/ AAC/ FLAC	✓	LCD 1 Line text



MVH-S320BT



Car Audio

	DAB+ Digital Radio	Pioneer Smart Sync	Built-in Smart-phone Cradle	Blue-tooth	CD Player	USB	Pre-outs	Short Chassis	Quick Charge for Android	Colour Customisation	Equaliser	MOSFET 50 W x 4 Power	Time Alignment	I/R Remote Control compatible	Audio compatibility	SD	Direct Control for iPod/iPhone
 SPH-10BT	×	✓	✓	✓	×	1	2	×	✓	✓	13 Band (31 Band via PSS app)	✓	Manual	×	MP3/WMA/WAV/AAC/FLAC	×	iPhone only
 MVH-S520BT	×	✓	×	✓	×	1	3	×	✓	✓	13 Band	✓	Manual	×	MP3/WMA/WAV/AAC/FLAC	×	iPhone only
 MVH-S420BT	×	✓	×	✓	×	1	2	✓	✓	×	13 Band	✓	Manual	×	MP3/WMA/WAV/AAC/FLAC	×	iPhone only
 MVH-S320BT	×	Android only	×	✓	×	1	2	✓	✓	×	13 Band	✓	Manual	×	MP3/WMA/WAV/FLAC	×	×
 MVH-S120UB/UBA/UBB/UBG	×	×	×	×	×	1	1	✓	×	×	5 Band	✓	×	×	MP3/WMA/WAV/FLAC	×	×
 FH-S720BT	×	✓	×	✓	✓	1	3	×	✓	✓	13 Band / N	✓	Manual	×	WMA/MP3/WAV/AAC/FLAC	×	iPhone only
 DEH-X9600BT	×	×	×	✓	✓	2	3 (4V)	×	×	✓	5 Band	✓	×	✓	MP3/WMA/WAV/AAC/FLAC	✓	✓
 DEH-X8700BT	×	×	×	✓	✓	1	3 (4V)	×	×	✓	5 Band	✓	×	✓	MP3/WMA/WAV/AAC/FLAC	×	✓
 DEH-S520BT	×	✓	×	✓	✓	1	3	×	✓	✓	13 Band	✓	Manual	×	MP3/WMA/MAW/ACC/FLAC	×	iPhone only
 DEH-S420BT	×	✓	×	✓	✓	1	2	×	✓	×	13 Band	✓	×	×	MP3/WMA/MAW/ACC/FLAC	×	iPhone only
 DEH-S320BT	×	Android only	×	✓	✓	1	2	×	✓	×	13 Band	✓	×	×	MP3/WMA/WAV/FLAC	×	×
 DEH-S220UI	×	×	×	×	✓	1	2	×	✓	✓	5 Band	✓	×	✓	MP3/WMA/WAV	×	✓
 DEH-S120UB/UBA/UBB/UBG	×	×	×	×	✓	1	1	×	×	×	5 Band	✓	×	×	MP3/WMA/WAV/FLAC	×	×

Car Speakers

OVERVIEW WITH KEY SPECIFICATIONS

Z & D SERIES (PERI EXCLUSIVE)		Size	Type	Maximum power	Nominal Power	Frequency Response	Sensitivity	Impedance	Mounting Depth	Cut-out Dimensions	Recommended Enclosure (ft³ / litre)
	 TS-Z65CH	17 cm	2-Way Comp. Speakers	330 W	110 W RMS	30 - 96 kHz	85 dB	4 Ω	65 mm	144 mm	×
	 TS-Z65C	17 cm	2-Way Comp. Speakers	300 W	100 W RMS	32 - 96 kHz	85 dB	4 Ω	65 mm	144 mm	×
	 TS-Z65F	17 cm	2-Way Speakers	330 W	110 W RMS	32 - 96 kHz	85 dB	4 Ω	65 mm	144 mm	×
	 TS-Z10LS4	25 cm	Shallow Mount Subwoofer	1300 W	400 W RMS	20 Hz - 3.8 kHz	76 dB	4 Ω	81 mm	231 mm	0.6 / 16.98
	 TS-Z10LS2	25 cm	Shallow Mount Subwoofer	1300 W	400 W RMS	20 Hz - 3.8 kHz	74 dB	2 Ω	81 mm	231 mm	0.6 / 16.98
	TS-D65F	17 cm	2-Way Speakers	270 W	90 W RMS	32 - 49 kHz	85 dB	4 Ω	65 mm	144 mm	×
	TS-D65C	17 cm	2-Way Comp. Speakers	270 W	90 W RMS	32 - 49 kHz	84 dB	4 Ω	65 mm	144 mm	×
	TS-D69F	6" x 9"	2-Way Speakers	330 W	110 W RMS	33 - 42 kHz	87 dB	4 Ω	65 mm	153 x 222 mm	×
	TS-D12D4/D2	30 cm	Standard Subwoofer	2000 W	600 W RMS	20 Hz - 4.7 kHz	78 dB / 76 dB	Dual 4 Ω / Dual 2 Ω	157 mm	281 mm	1 / 28.3
	TS-D10D4/D2	25 cm	Standard Subwoofer	1500 W	500 W RMS	20 Hz - 6.6 kHz	76 dB / 74 dB	Dual 4 Ω / Dual 2 Ω	140 mm	230 mm	0.7 / 19.81
	TS-D10LB	25 cm	Enclosed Subwoofer	1300 W	350 W RMS	20 Hz - 6.6 kHz	74 dB	2 Ω	×	×	×
	TS-D10LS4/LS2*	25 cm	Shallow mount subwoofer	1300 W	350 W RMS	20 Hz - 3.4 kHz	76 dB / 74 dB	4 Ω / 2 Ω	84 mm	230 mm	0.6 / 17



HI-RES AUDIO captures every nuance from the original recording, hear the depth and breadth of each note, experiencing the subtleties of each instrument. You may never listen to ordinary compressed audio again.

*Optional Speaker Grill UD-10GL available (sold separately)



For illustrative purposes only.

A SERIES		Multi-fit Adaptor included	Size	Type	Maximum power	Nominal Power	Frequency Response	Sensitivity	Impedance	Mounting Depth	Cut-out Dimensions	Recommended Enclosure (ft³ / litre)	Size (cm) (W x D x H)
	TS-A1600C	✓	16.5 cm	2-Way Comp. Speakers	350 W	80 W RMS	34 Hz - 49 kHz	85 dB	4 Ω	59 mm	144 mm	✗	✗
	TS-A1670F	✓	16.5 cm	3-Way Speakers	320 W	70 W RMS	37 Hz - 24 kHz	87 dB	4 Ω	48 mm	144 mm	✗	✗
	TS-A1370F	✗	13 cm	3-Way Speakers	300 W	50 W	40 Hz - 36 kHz	87 dB	4 Ω	52 mm	121 mm	✗	✗
	TS-A6990F	✗	6" x 9"	5-Way Speakers	700 W	120 W RMS	22 Hz - 25 kHz	90 dB	4 Ω	86 mm	153 x 222 mm	✗	✗
	TS-A6980F	✗	6" x 9"	4-Way Speakers	650 W	100 W RMS	22 Hz - 24 kHz	90 dB	4 Ω	86 mm	153 x 222 mm	✗	✗
	TS-A6970F	✓	6" x 9"	5-Way Speakers	600 W	100 W RMS	34 Hz - 25 kHz	89 dB	4 Ω	72 mm	153 x 222 mm	✗	✗
	TS-A6960F	✓	6" x 9"	4-Way Speakers	450 W	90 W RMS	35 Hz - 24 kHz	89 dB	4 Ω	72 mm	153 x 222 mm	✗	✗
	TS-A6880F	✗	6" x 8"	4-Way Speakers	350 W	80 W RMS	34 Hz - 34 kHz	88 dB	4 Ω	62 mm	133 x 191 mm	✗	✗
	TS-A4670F	✗	4" x 6"	4-Way Speakers	210 W	30 W	35 Hz - 42 kHz	88 dB	4 Ω	42 mm	95 x 153 mm	✗	✗
	TS-A2503I	✗	25 cm	3-Way Speakers	420 W	80 W	20 Hz - 31 kHz	92 dB	4 Ω	115 mm	236 mm	✗	✗
	TS-A2013I	✗	20 cm	3-Way Speakers	500 W	80 W	25 Hz - 28 kHz	91 dB	4 Ω	89 mm	186 mm	✗	✗
	TS-A300B	✗	30 cm	Enclosed (passive) Subwoofer	1500 W	500 W RMS	20 Hz - 2.6 kHz	78 dB	2 Ω	147 mm	✗	✗	494 (W) x 374 (H) x 463 (D) mm
	TS-A3000LB / TS-A2500LB	✗	30 cm / 25 cm	Shallow Enclosed (passive) Subwoofer	1500 W / 1200 W	400 W RMS / 300 W RMS	20 Hz - 1.0 kHz / 20 - 900 Hz	88 dB / 86 dB	2 Ω	✗	✗	✗	350 (W) x 170 (H) x 600 (D) mm / 605 (W) x 387 (H) x 204 (D) mm
	TS-A2000LB	✗	20 cm	Shallow Enclosed (passive) Subwoofer	700 W	250 W RMS	25 - 1.4 kHz	84 dB	2 Ω	✗	✗	✗	350 (W) x 130 (H) x 250 (D) mm
	TS-A30S4	✗	30 cm	Standard Subwoofer	1400 W	400 W RMS	22 Hz - 1.6 kHz	87 dB	4 Ω	136 mm	281 mm	1.25 / 35.4	✗
	TS-A300D4 / TS-A300S4	✗	30 cm	Standard Subwoofer	1500 W	500 W RMS	20 Hz - 2.3 kHz	77 dB	Dual 4 Ω / 4 Ω	147 mm	281 mm	1.25 / 35.4	✗
	TS-A250D4 / TS-A250S4	✗	25 cm	Standard Subwoofer	1300 W	400 W RMS	20 Hz - 2 kHz	74 dB / 73 dB	Dual 4 Ω / 4 Ω	133 mm	230 mm	0.7 / 19.8	✗
	TS-A3000LS4 / TS-A2500LS4	✗	30 cm / 25 cm	Shallow Subwoofer	1500 W / 1200 W	400 W / 300 W RMS	20 - 1.0kHz / 20 - 900 Hz	88 dB / 85 dB	4 Ω / 4 Ω	90 mm / 87 mm	281 mm / 230 mm	0.8 / 22.6 0.6 / 17	✗
	TS-A2000LD2	✗	20 cm	Shallow Subwoofer	700 W	250 W RMS	20 - 1.4 kHz	83 dB	Dual 2 Ω	67 mm	179 mm	0.5 / 14.2	✗

SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

Subwoofers

Amplifiers

Dash Camera

Product overview

Car Speaker

OVERVIEW WITH KEY SPECIFICATIONS

G & R SERIES		Size	Type	Maximum power	Nominal Power	Frequency Response	Sensitivity	Impedance	Mounting Depth	Cut-out Dimensions
	TS-G170C	17 cm	2-Way Comp. Speakers	300 W	45 W	36 Hz - 26 kHz	91 dB	4 Ω	50 mm	144 mm
	TS-G1730F / TS-G1720F	17 cm	3-Way / 2-Way Speakers	300 W	40 W	36 Hz - 18 kHz	90 dB	4 Ω	50 mm	144 mm
	TS-G1710F	17 cm	Dual Cone Speakers	280 W	40 W	34 Hz - 16 kHz	89 dB	4 Ω	50 mm	144 mm
	TS-G130C	13 cm	2-Way Comp. Speakers	250 W	40 W	37 Hz - 27 kHz	88 dB	4 Ω	44 mm	121 mm
	TS-G1330F / TS-G1320F	13 cm	3-Way / 2-Way Speakers	250 W	35 W	33 Hz - 24 kHz	88 dB	4 Ω	44 mm	121 mm
	TS-G1310F	13 cm	Dual Cone Speakers	230 W	35 W	25 Hz - 22 kHz	89 dB	4 Ω	44 mm	121 mm
	TS-G1030F / TS-G1020F	10 cm	3-Way / 2-Way Speakers	210 W	30 W	35 Hz - 27 kHz	87 dB	4 Ω	43 mm	106 mm
	TS-G1010F	10 cm	Dual Cone Speakers	190 W	30 W	44 Hz - 25 kHz	89 dB	4 Ω	43 mm	106 mm
	TS-G6930F	6" x 9"	3-Way Speakers	400 W	45 W	32 Hz - 32 kHz	90 dB	4 Ω	70 mm	151 x 222 mm
	TS-R1750S	17 cm	3-Way Speakers	250 W	40 W	36 Hz - 31 kHz	90 dB	4 Ω	47 mm	137 mm
	TS-R1350S	13 cm	3-Way Speakers	250 W	35 W	44 Hz - 31 kHz	89 dB	4 Ω	47 mm	121 mm
	TS-R6951S	6" x 9"	3-Way Speakers	400 W	50 W	31 Hz - 35 kHz	92 dB	4 Ω	68 mm	153 x 222 mm

INJECTION MOLDED CONE



For illustrative purposes only.

Dash Camera

OVERVIEW WITH KEY SPECIFICATIONS

SPH-EVO950DAB

Display Audio

Car Audio

Car Speakers

Subwoofers

Amplifiers

Dash Camera

Product overview

		Camera Type	Screen Size	Resolution	Voice Guidance/ Voice Recognition	Security Mode	Night Time Mode	Viewing Angle	Rear Camera	Advanced Driver Assistance Systems (ADAS)	Mirror Type	Ultra Compact Size	Sensor
	VREC-Z810SH	Front	3" LCD	4K (3840 x 2160 p) 2K (2848 x 1600 p) Full HD (1920 x 1080 p)	✓	24/7 ⁽¹⁾	✓	139°	Optional ⁽⁴⁾	Stop & Go FCWS ⁽⁵⁾ LDWS ⁽⁶⁾	✗	✗	Sony's CMOS sensor with STARVIS™ technology
	VREC-Z710SH	Front	2" LCD	Full HD (1920 x 1080 p)	✗	24/7 ⁽¹⁾	✓	160°	Optional ⁽⁴⁾	Tailgating Warning	✗	✗	Sony's CMOS sensor with STARVIS™ technology
	VREC-H310SH	Front	3" LCD	Full HD (1920 x 1080 p)	✗	24/7 ⁽¹⁾	✓	139°	Optional ⁽⁴⁾	FCWS ⁽⁵⁾ LDWS ⁽⁶⁾	✗	✗	Sony's CMOS sensor with STARVIS™ technology
	VREC-DH300D	Front & Rear	3" LCD	WQHD (2560 x 1440 p)	✗	✗	Optional ⁽³⁾	Front: 135° Rear: 128°	Included	✗	✗	✗	Sony's CMOS sensor with STARVIS™ technology
 VREC-150MD is not available in all countries.	VREC-150MD	Front & Rear	6.7" LCD Touchscreen	Front: Full HD (1920 x 1080 p) Rear: HD (1280 x 720 p)	✗	✗	✗	Front: Horizontal 118°, Vertical 60°, Diagonal 150° Rear: Horizontal 105°, Vertical 60°, Diagonal 120°	Included	✗	✓	✗	CMOS sensor
	VREC-DH200	Front	✗	Full HD (1920 x 1080 p)	✗	✗	✗	130°	✗	✗	✗	✓	CMOS sensor
	VREC-170RS	Front	3" LCD	Full HD (1920 x 1080 p)	✗	✓ ⁽²⁾	✗	139°	✗	FCWS ⁽⁵⁾ LDWS ⁽⁶⁾	✗	✗	CMOS sensor
	VREC-130RS	Front	2" LCD	Full HD (1920 x 1080 p)	✗	✗	✗	132°	✗	✗	✗	✗	CMOS sensor

(1) Hard Wire kit included in the box.

(2) Utilising the internal built-in battery, when Dash Camera detects movement caused by vibration, it will automatically start to record an event for a fixed period of time.

(3) An optional accessory RD-HWK200 (sold separately) is required.

(4) Optional rear camera ND-RC1 sold separately.

(5) Front Collision Warning System (FCWS).

(6) Lane Departure Warning System (LDWS).

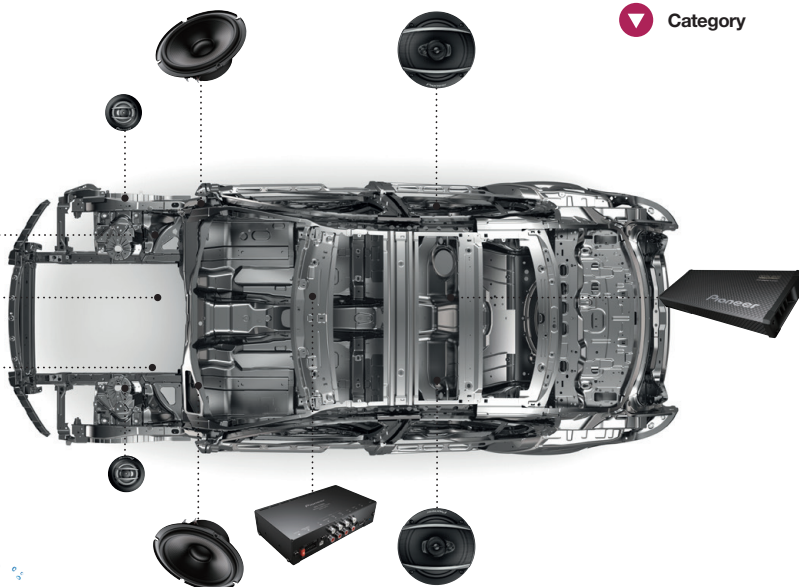
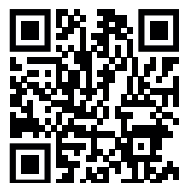


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- Car brand
- Car model
- Year
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PIONEER MARINE SERIES

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