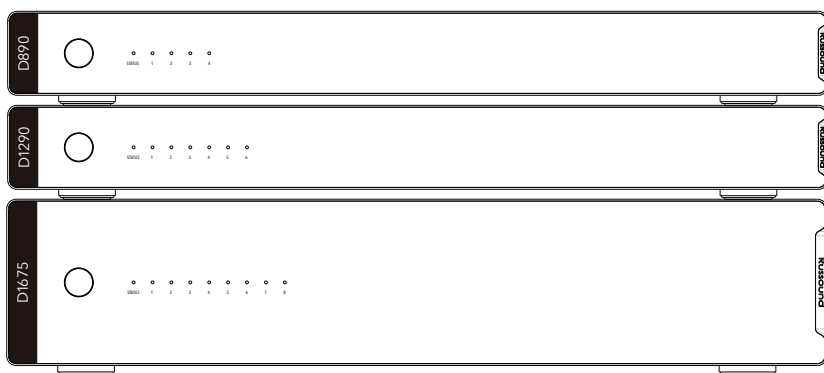


a sound relationship

Russound



D-SERIES MULTI-CHANNEL POWER AMPLIFIERS

D890, D1290, D1675

Designed for multi-room, home theater, and advanced audio systems

INSTALLATION GUIDE

The latest generation of multi-channel Class D digital amplifiers from Russound expand on Russound’s 55+ year history of audio design, adding high performance to even the most demanding audio systems, with the flexibility, power, and quality needed to be the backbone of your favorite audio system for years to come.

WHAT’S IN THE BOX

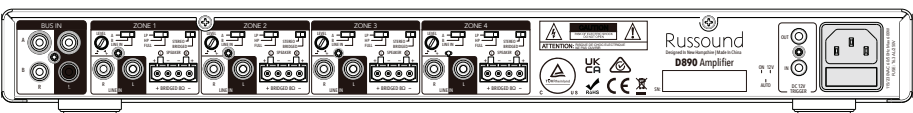
- 1 Russound Multi-Channel Amplifier
- 1 6-foot Power Cord
- 1 Set of Removable, Screw-Down 4-pin Speaker Connectors (accepts up to 14AWG wire) (4, 6, or 8 depending on model)
- 1 Set of Rack Mount Ears with Attachment Screws (Rack Mount Screws Not Included)
- 1 Owner’s Manual

WHAT YOU NEED FOR THE INSTALLATION

Flat 1/8" (3mm) mini-screwdriver for the speaker connectors
#2 Phillips screwdriver for attaching the included rack mount ears
Wire Strippers

MAKING THE CONNECTIONS

Note: All wiring connections must be made with the system powered off and the power cord disconnected from the electrical mains (unplugged from the wall outlet).



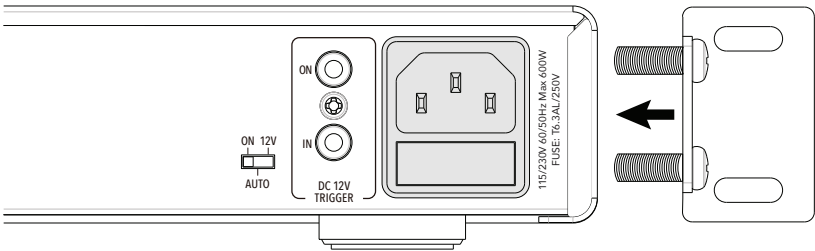
The D-Series Power Amplifier is very easy to install and only requires three connection types: audio source, power and loudspeakers.

Power is provided from the included 3-prong grounded electrical cord. The amplifier accepts AC power from 115-230V, 50/60Hz.

The amplifier may be placed on a shelf or installed into an equipment rack using the rack ears included within the box.

RACK MOUNTING

When installed in a rack, the four mounting feet on the bottom of the chassis may be removed if needed. Save the feet in case the amplifier is ever moved back to a shelf-mounted type of installation so that they may be re-attached. Do not use the amplifier on a shelf or other surface without the mounting feet being installed. They help provide ventilation space at the bottom of the amplifier. Leave at least 2" (5cm) of clearance around the amplifier for ventilation.



CONNECTING LOUDSPEAKERS

Loudspeakers will always connect directly to the D-Series amplifiers unless a separate impedance matching volume control, speaker selector or similar device is required (all sold separately). CL2 rated wire must be used when running wire within a home’s walls. The loudspeaker connectors are designed to use up to 14ga wire.

Model	Number of Channels	Minimum Impedance	Bridgeable (8 ohms only)	Max Number of 8-ohm Speakers Supported Per Channel	Max Number of 6-ohm Speakers Supported Per Channel	Max Number of 4-ohm Speakers Supported Per Channel
D890	8 (Organized into 4 zones)	2.66 Ohms	Yes	3	2	1
D1290	12 (Organized into 6 zones)	2.66 Ohms	Yes	3	2	1
D1675	16 (Organized into 8 zones)	2.66 Ohms	Yes	3	2	1

When connecting the loudspeaker wires, be sure to observe proper polarity. The positive and negative terminals on the Russound D-Series amplifier must correspond with the positive and negative terminals at both the left and right loudspeakers. This is also true of the power connections at the loudspeaker side of the connection.

Strip 1/8" (about 3mm) from each of the conductors for both the left and right loudspeaker connections and insert them into the removable screw-down terminal, making sure to match the proper polarity of each connection. Tighten the screw-down connections securely and make sure that there are no exposed strands that might cause a short-circuit.

BRIDGING LOUDSPEAKER CONNECTION

Please note that all wiring changes and changes to the settings switches on the rear of the Russound D-Series amplifier should be done with the amplifier powered off by removing the power cord from the rear of the amplifier.

The Russound D-Series amplifier includes a powerful feature called "Bridging". Bridging combines 2 adjacent output channels to form a single, higher power mono output. It is perfect for larger spaces, and especially for any outdoor audio zones where higher power is required.

COOLING FAN

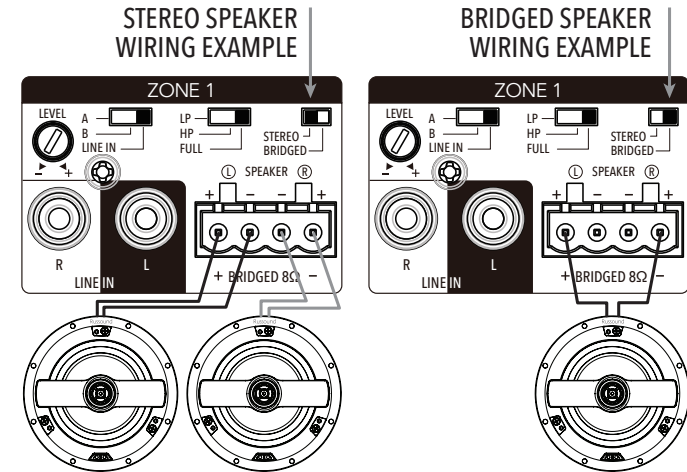
The D-Series amplifiers use an internal cooling fan to minimize the internal temperature when needed. The fan can operate at multiple speeds depending on the environmental conditions and usage of the amplifier.

D890 and D1290 – When the unit is in Auto or 12V turn-on mode, the fan should only be active when the amplifier is under heavy use or requires more ventilation.

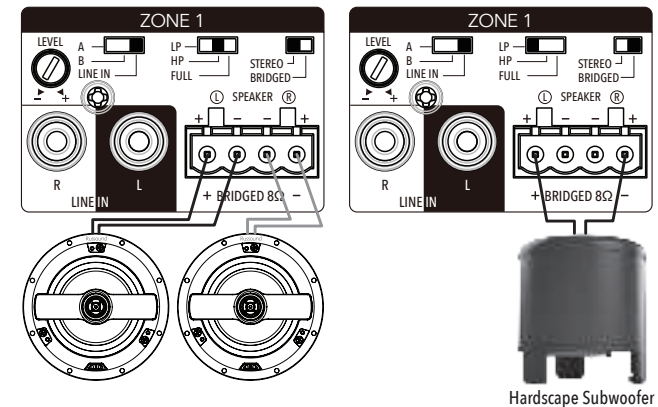
D1675 – When the unit is active, the fan will run at all times, at a low speed, ramping up under heavy usage or if the unit requires more ventilation.

For the most eco-friendly operation, we recommend always using the amplifiers on Auto mode which will allow the amplifiers to enter a low power standby mode using less than 1/2-watt of power when not in use.

BRIDGING LOUDSPEAKER CONNECTION



2.1 SOUND SYSTEM CONNECTION



INPUT SETTINGS

An easy-to-use slide switch is located on the rear of your D-Series amplifier for each zone.

The switch has 3 positions:

- A** – Setting the switch to this position will select Bus Input A as the audio source for this zone
- B** – Setting the switch to this position will select Bus Input B as the audio source for this zone
- Line In** – Setting the switch to this position will select the Zone Input as the audio source for this zone.

Make sure that the switch is set properly for your audio system. Setting this switch incorrectly will result in improper audio settings including lack of audio in any zone where the improper source is selected.

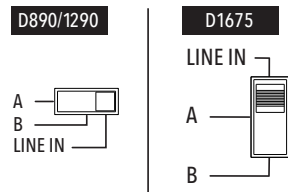
INPUT CONNECTIONS

Connect your input source(s) according to your installation needs. To share a source to multiple zone loudspeaker outputs, connect the source to one of the Bus Inputs, either A or B. Make sure to set the Input Setting for each loudspeaker output to the corresponding input, A or B. The Bus Input setting allows your D-Series amplifier to work in many flexible configurations such as sharing a single source in every zone, sharing up to 2 sources in any combination of zones, or even using unique sources for every zone of the amplifier.

OUTPUT FILTER SETTINGS

The Russound D-Series amplifiers have a powerful feature allowing their output signal to be attenuated specifically for the application of the loudspeakers.

The switch applies advanced audio filters that allow the output signal to be:



The wiring method for bridged connections is different from that of normal stereo pairs of loudspeakers. When bridging, only 8-ohm speakers may be used. At the bottom of each speaker connector on the rear of your Russound amplifier, you'll see the alternate wiring configuration for a bridged connection. One conductor of your loudspeaker wire will connect to the left-most position on the speaker connector, and the second conductor will connect to the right-most position as indicated. Please make sure to verify the polarity of the wiring, matching the amplifier connection to the loudspeaker connection.

Once the loudspeaker wiring has been configured, set the "Stereo/Bridged" slide switch to the right for "Bridged" operation.

CONNECTING AUDIO SOURCES

There are two input types on your Russound D-Series amplifier:

- Bus Inputs:** Two analog stereo inputs: A and B
- Zone Inputs:** One analog stereo input for each zone

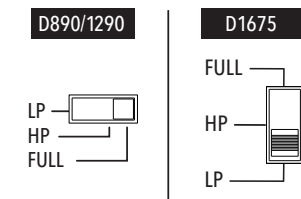
BUS INPUTS

The bus inputs can be shared by any zone of the amplifier. Use one of the bus inputs if you want to share an audio source across more than one zone of the amplifier. For example, if you have an audio streamer such as the Russound MBX-PRE, connect its audio outputs to Bus Input A and you can then have the audio streamer's music played in any of the zones of the amplifier. With 2 Bus Inputs, your Russound amplifier can have 2 different audio sources that are shared among configured zones of the system.

ZONE INPUTS

The Zone Inputs are NOT shared to other zones of your Russound amplifier. Use these inputs for a zone-specific input. For example, if creating a whole-home audio system with an audio streamer for every room in the home, connect each audio streamer such as the Russound MBX-PRE to each Zone Input. By doing this, app or voice control of any audio system is easily implemented.

Use quality RCA cables and make sure all cables are fully attached and secured to the Russound D-Series amplifier.



Full Range “Full” – The entire audio signal is sent unfiltered to the connected loudspeakers, from 20Hz to 20,000Hz.

Low Pass “LP” – An advanced low-pass custom-designed filter is applied to the audio path for the zone. Use this setting when connecting a passive subwoofer to the zone. By combining this setting with a bridged zone, a powerful subwoofer can be added to any zone or to multiple zones of the amplifier. When configured for Low Pass, the frequency output is limited to 20Hz to 160Hz.

High Pass “HP” – An advanced high-pass custom-designed filter is applied to the audio path for the zone. Use this setting to avoid sending excessive low-frequency sounds to a loudspeaker that is not designed to handle them. By customizing these audio filters, you can custom tailor the audio of the installation to maximize the performance of the amplifier, the efficiency of your loudspeakers, and maximize the audio components of the system to best work together for their specific needs. When configured for High Pass, the frequency output is limited to 80Hz to 20kHz.

POWER CONNECTION

Once the source and loudspeaker connections have been made and the input setting, stereo/bridged mode setting, and output filter settings switches have been set, you can connect the power cable to the rear of amplifier.

FRONT PANEL POWER BUTTON

The Front Panel Power Button will toggle between “On” and “Standby” modes whenever the rear panel turn-on switch is set to Auto. If the rear panel switch is set to “ON” or “12V”, the front panel switch will have no effect because it is being overridden by the rear switch setting.

TRIGGER IN/OUT

The Trigger Input is used to turn on the D-Series amplifier, toggling between standby mode when no 12V signal is present and On mode when a 12V signal is present. This is very helpful for audio sources that have a low output signal or where discrete, dedicated control of the amplifier status is required.

The Trigger Output is activated when ANY of the D-Series amplifier’s zones is activated and powered on.

REAR PANEL SWITCH SETTINGS:

- ON- The Trigger Output will be active
- Auto – The Trigger Output will be active whenever any input signal is detected
- 12V – The Trigger Output will be active whenever there is a 12V input signal detected

TURN ON MODE

Your D-Series amplifiers has three turn-on modes:

ON – The D-Series amplifier is always on and ready to be used. The amplifier consumes more electricity in this mode.

12V – The D-Series amplifier will turn on whenever a 12V signal (~100mA) is detected at the DC 12V trigger “In” connection. When no 12V signal is present, the amplifier will enter standby mode after a brief delay and will consume less than 0.5W of electricity.

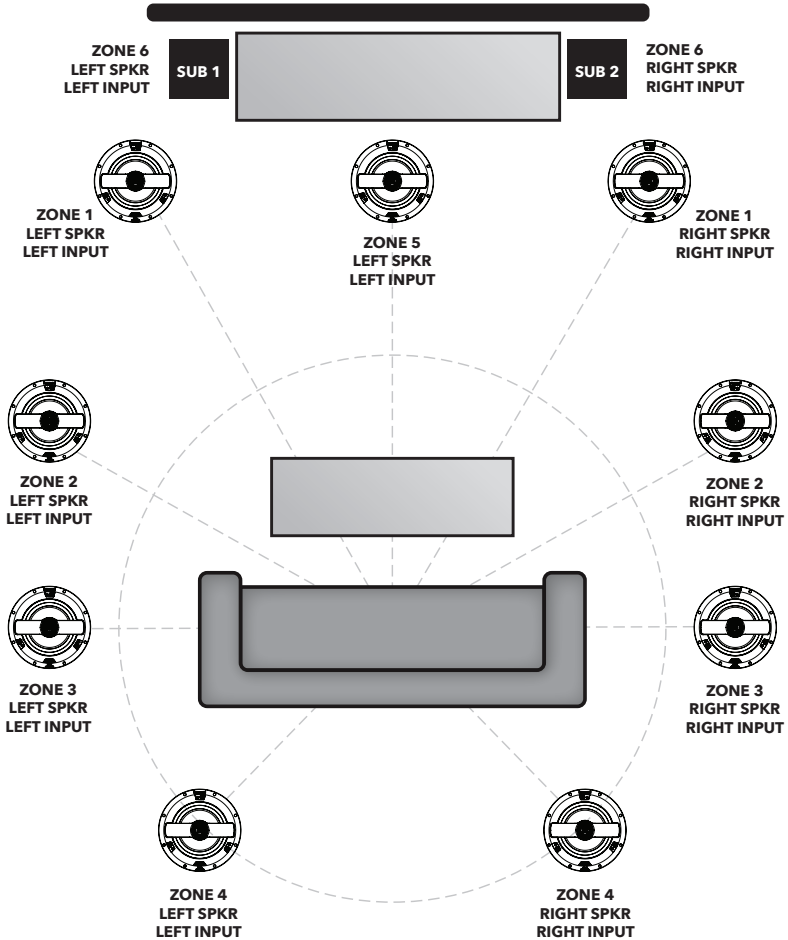
AUTO – The D-Series amplifier will automatically detect an input signal for each zone and will turn on when needed. When no signal is detected, the amplifier will enter standby mode after a delay of approximately 10 minutes. When in standby mode, it will consume less than 0.5W of electricity.

SPECIFICATIONS

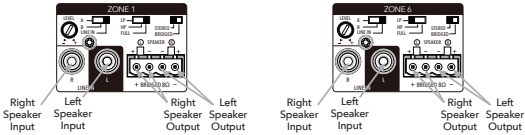
	D890	D1290	D1675
Number of Channels	8	12	16
Bridgeable	Yes	Yes	Yes
Filter Options	High Pass, Low Pass, Full Range	High Pass, Low Pass, Full Range	High Pass, Low Pass, Full Range
Power Output			
4 ohm	90W /Channel, 1kHz One Zone Driven	90W /Channel, 1kHz One Zone Driven	75W /Channel, 1kHz One Zone Driven
8 ohm	45W /Channel, 1kHz One Zone Driven	45W /Channel, 1kHz	37W /Channel, 1kHz One Zone Driven
8 ohm - Bridged	180W, 1kHz, One Zone Driven	180W, 1kHz, One Zone Driven	150W, 1kHz, One Zone Driven

	D890	D1290	D1675
Freq Response			
Full Range Mode	20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms	20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms	20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms
Low Pass (LP) Mode	20Hz to 160Hz +/-3dB at 1W output into 4 or 8 Ohms	20Hz to 160Hz +/-3dB at 1W output into 4 or 8 Ohms	20Hz to 160Hz +/-3dB at 1W output into 4 or 8 Ohms
High Pass (HP) Mode	80Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms	80Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms	80Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms
Input Sensitivity			
4 ohm, One Zone	620 mV for 90W @ 1kHz	620 mV for 90W @ 1kHz	620 mV for 75W @ 1kHz
8 ohm, One Zone	690 mV for 45W @ 1kHz	690 mV for 45W @ 1kHz	690 mV for 37W @ 1kHz
Other Specifications			
Input Impedance	>22k ohms Line Input	>22k ohms Line Input	>22k ohms Line Input
Signal to Noise Ratio	>90dB A-weighted	>90dB A-weighted	>90dB A-weighted
Trigger Input	12V, Global	12V, Global	12V, Global
Trigger Output	12V, Global	12V, Global	12V, Global
Volume Gain Adjustment	By Zone	By Zone	By Zone
Line Inputs	Selectable: Bus A, Bus B, Zone	Selectable: Bus A, Bus B, Zone	Selectable: Bus A, Bus B, Zone
Speaker Connectors	Detachable Screw-down, up to 14AWG	Detachable Screw-down, up to 14AWG	Detachable Screw-down, up to 14AWG
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Altitude	0 to 9,843' (3,000m)	0 to 9,843' (3,000m)	0 to 9,843' (3,000m)
Power Requirements			
North American Model	115-120VAC, 60Hz (600W Max)	115-120VAC, 60Hz (800W Max)	100-240VAC 60/50Hz (1000W Max)
International Model (-i)	220-230VAC, 50Hz (600W Max)	220-230VAC, 50Hz (800W Max)	100-240VAC 60/50Hz (1000W Max)
Fuse Rating			
North American Model	6.3A, 250V FA	10A, 250V FA	10A, 250V FA
International Model (-i)	6.3A, 250V FA	10A, 250V FA	10A, 250V FA
Power Connector	IEC C14	IEC C14	IEC C14
Standby Power Consumption	0.3W	0.3W	0.3W
Product Dimensions	17.125"(W) x 1.75"(H) x 9.75"(D) (43.5 x 4.4 x 24.8 cm)	17.125"(W) x 1.75"(H) x 9.75"(D) (43.5 x 4.4 x 24.8 cm)	17.125"(W) x 3.5"(H) x 9.75"(D) (43.5 x 8.8 x 24.8 cm)
Product Weight	8.5 lbs (3.85 kg)	9 lbs (4.1 kg)	12.8 lbs (5.8 kg)
Shipping Dimensions	20.2"(W) x 4.9" (H) x 14.3" (D) (51.33 x 12.5 x 36.3 cm)	20.2"(W) x 4.9" (H) x 14.3" (D) (51.33 x 12.5 x 36.3 cm)	20.2"(W) x 6.7" (H) x 14.3" (D) (51.33 x 17 x 36.3 cm)
Limited Warranty	2 Years	2 Years	2 Years

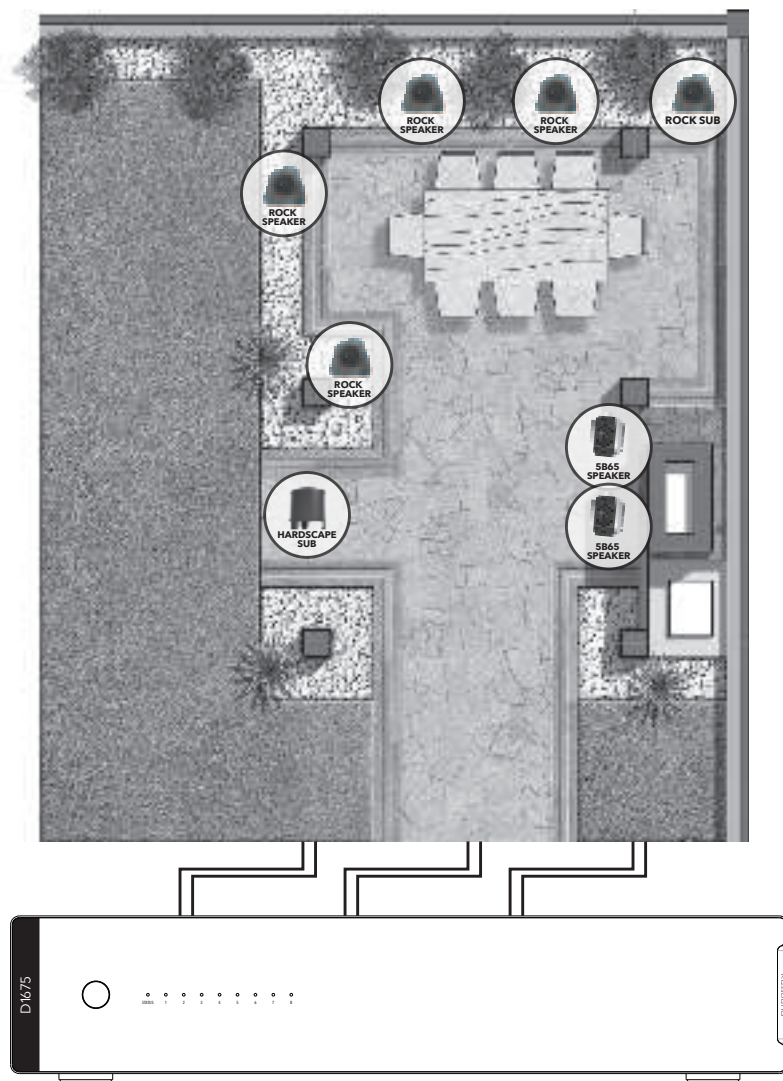
Using the output from a home theater pre-amplifier, feed each of the 11 channels of audio output to your D1290. Here is one possible configuration:



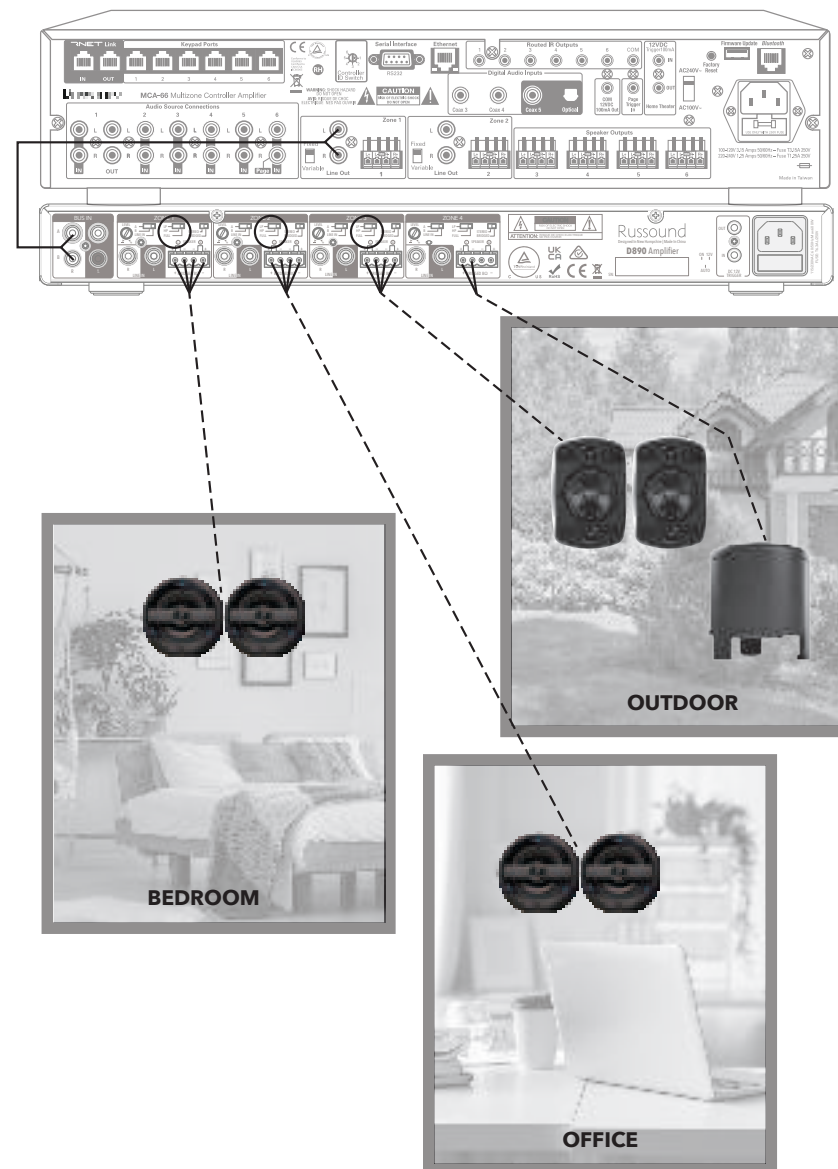
Zones 1-5 should be set for Full Range "Full"
Zone 6 should be set to Low Pass "LP"



LARGE OUTDOOR SYSTEM WITH THE D1675



Use to Add Extra Speakers to Any System





WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



The lightning flash with a circled cross symbol, which is an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to present a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the appliance in the operating instructions should be adhered to.
4. Follow Instructions - All operating and user instructions should be followed.
5. Water and Moisture - The appliance should not be used near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus. Do not touch the appliance with wet hands. Do not handle the appliance or power cord with wet or damp hands. If water or any other liquid enters the appliance cabinet, take it to qualified service personnel for inspection.
6. Cleaning - The appliance should be cleaned only as recommended by the manufacturer. From time to time you should wipe off the front and side panels and the cabinet with a soft cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since this may damage the finish or remove the panel lettering.

7. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings. Place the unit in a well-ventilated location, leaving at least 2 inches (5 cm) of clearance on all sides, top and rear of unit for air flow. If ventilation is blocked, the unit may overheat and malfunction.
8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Grounding or Polarization - Precaution should be taken so that the grounding or polarization means of an appliance is not defeated.
10. Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, receptacles, and the point where they exit from the appliance.
11. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
12. Main Power Disconnect - The main power plug is used as the disconnect device and shall remain readily operable. When installing the product, ensure that the plug is easily accessible.
13. Non-Use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
14. Attachments - Only use attachments/accessories specified by the manufacturer.
15. Location of the Amplifier - Do not mount this unit under a kitchen cabinet. Do not expose the amplifier to direct sunlight or heating units as the amplifier internal components' temperature may rise and shorten the life of the components.
16. Avoid damp and dusty places.
17. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through the openings.
18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
19. Damage Requiring Service - The appliance should be serviced by qualified service personnel when: A. The power supply cord or the plug has been damaged; B. Objects have fallen, liquid has been spilled into the appliance; C. The appliance has been exposed to rain; or D. The appliance does not appear to operate normally; or E. The appliance has been dropped or the enclosure is damaged.

WARRANTY

NOTES

LIMITED WARRANTY

The Russound D890, D1290 and D1675 are guaranteed for two (2) years from the date of purchase against all defects in materials and workmanship. During this period Russound will replace any defective parts and correct any defect in workmanship without charge for either parts or labor. For this warranty to apply, the unit must be installed and used according to its written instructions. If service is necessary, it must be performed by Russound. Russound assumes no responsibility for defects resulting from abuse or servicing performed by an agency or person not specifically authorized in writing by Russound. Damage to or destruction of components due to improper use voids the warranty. In these cases, the repair will be made at the owner's expense. Accidental damage and shipping damage are not considered defects under the terms of the warranty. To return for repairs, the unit must be shipped to a repair facility designated by Russound at the owner's expense, along with a Return Authorization number and documentation explaining the nature of the service required. Any product returned without prior written permission will be returned to sender. Russound sells products only through authorized Dealers and Distributors to ensure that customers obtain proper support and service. Any Russound product purchased from an unauthorized dealer or other source, including retailers, mail order sellers and online sellers will not be honored or serviced under existing Russound warranty policy. Any sale of products by an unauthorized source or other manner not authorized by Russound shall void the warranty on the applicable product.

WARRANTY ADDRESS

Russound
Attn: RA# (Insert your RA number here)
1955 Wehrle Dr
Williamsville NY 14221

email: tech@russound.com

[illegible]



a sound relationship

Russound

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Specifications are subject to change without notice REV10





D1675 - Premium Multi-Channel Amplifiers

The D1675 low-profile amplifiers are perfect for several different applications. Whether you want to drive your premium home theater speakers for optimum sound quality for your favorite movies or TV, or if you want to have enough power to drive multiple speakers all around the home with your favorite music, the D1675 from Russound is there to meet your needs.

Russound amplifiers have been a go-to choice for audio specialists for years due to their performance, reliability and value and the D-Series is built with the expertise to extend that legacy for years to come.

What's in the Box

- D1675
- 6-foot Power Cord
- Set of removable 4-pin speaker connectors
- Set of rack mount ears with screws
- Owner's Manual



New premium industrial design for a clean look on a shelf or in a 19" rack.



Powerful Class-D amplifiers with up to 16 channels and up to 75 watts per channel. The inputs are bridgeable for even more power when needed.



3 input options for every channel with 2 bus inputs and 1 line input provide source flexibility.



Easy to configure options for Full Range sound, Low Pass filter 20Hz-160Hz, or High Pass filter 80Hz-20kHz.



Control flexibility with 3 turn-on modes from Always On, Signal Sensing to 12 V Trigger Control.



Rack mountable, low-profile form factor with 2 rack unit height.



Ideal for larger spaces and outdoor areas.

D1675 Amplifiers at a Glance



D1675

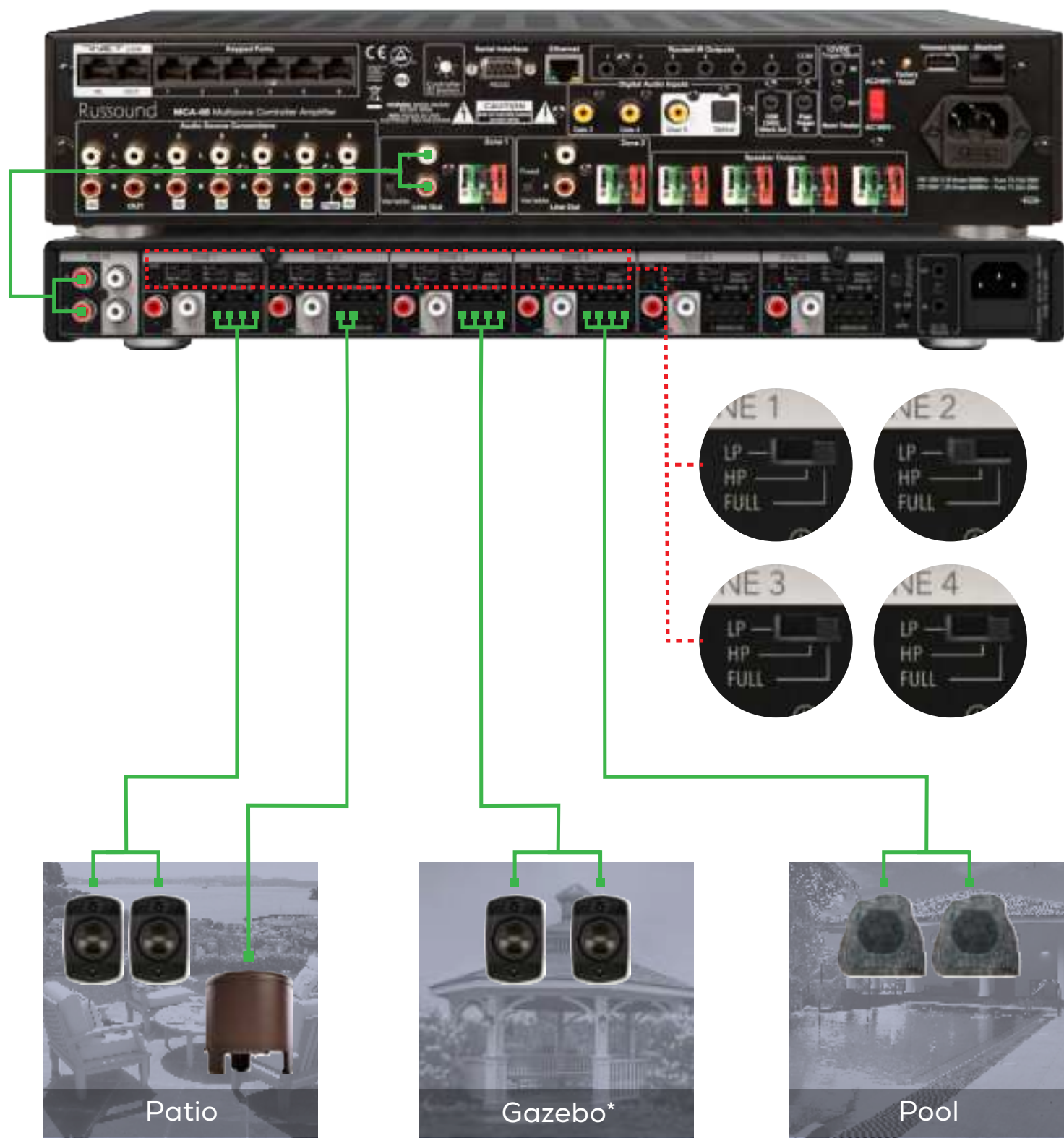
- Sixteen Channel 2 Rack Units Premium Performance Amplifier
- 75 watts per channel @4 ohms
2.66 ohm stable, powers up to 3 pairs of 8-ohm speakers per zone
- Power On Modes: Signal Sensing/12V trigger/Always On
- Audio Filters: Full Range, Low Pass 20Hz-160Hz, High Pass 80Hz-20kHz

Inputs & Switches



- 1 Dual Bus Inputs – Allows for up to 2 different audio sources to be configured and shared among any of the amplifier's zones
- 2 Level Gain Adjustment – Allows for a gain adjustment (increase/decrease) for every zone
- 3 Audio Filter Setting Switch – Easily set for Low Pass (LP), High Pass (HP), or Full-Range (Full) depending on the audio needs for each zone
- 4 Dedicated Zone Input – Allows for a dedicated audio source to be provided to each of the amplifier's zones
- 5 Zone Input Selector – Setting this allows for an easy configuration for either using Bus Input A, Bus Input B, or the dedicated Line In for each zone
- 6 Stereo/Bridged Mode Switch – When bridging a zone's channels into a single, mono zone, set this to Bridged. Please note that speaker wiring must be re-configured for Bridged Mode as outlined in the owner's manual
- 7 Speaker Connection – The removable screw-down speaker connectors accept up to 12AWG wire
- 8 Turn-on Mode Switch – Set for Always On, Auto-Sensing, or 12V for use with the 12V trigger input
- 9 12V Trigger In/Out – To enable automated turn-on and turn-off via a 12V DC trigger. When using the trigger, make sure to set the Turn-On Mode Switch to 12V

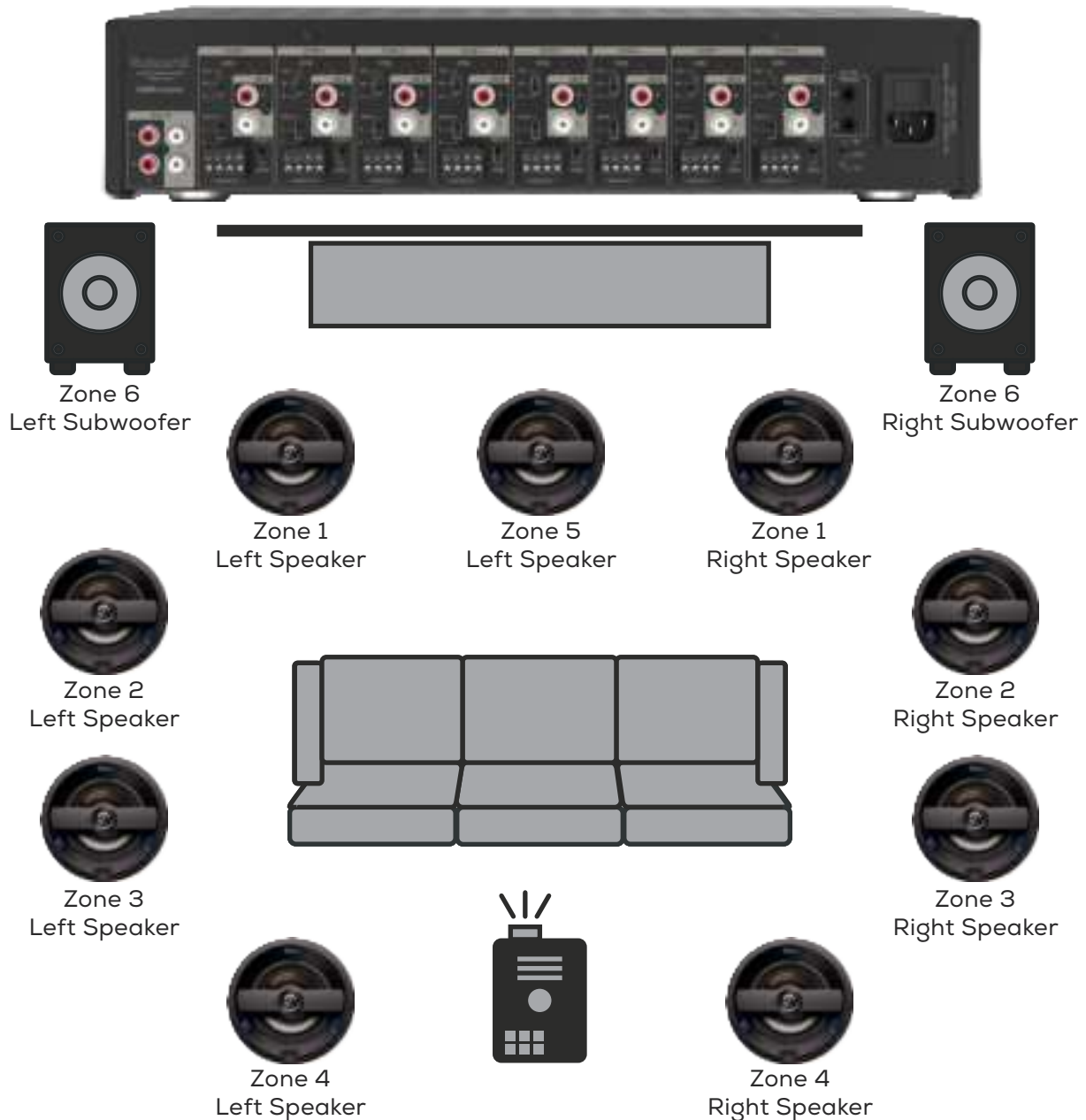
Application Example: Add extra Speakers to any System (Using D1290)



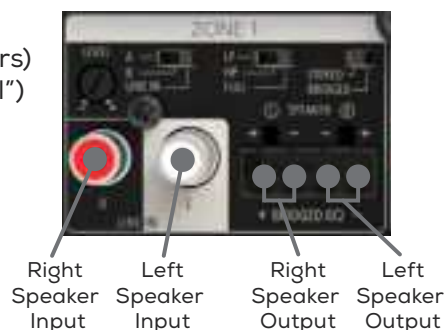
*The D-Series amps are stable to 4 ohms, so you can add 2 pairs of speakers where needed.

Application Example: Home Theater

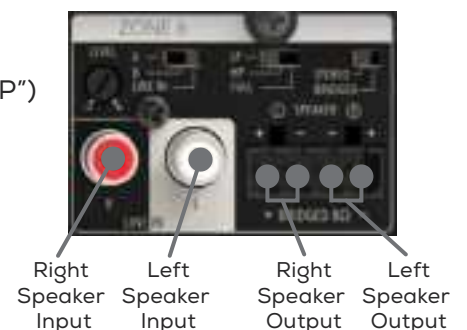
Use the outputs from a home theater pre-amplifier; feed each of the 11 channels to your D1675.



Set Zones 1 to 5
(In-Ceiling Speakers)
to Full Range ("Full")



Set Zone 6
(Subwoofers) to
Low Pass Filter ("LP")



Specifications

	D1675
Number of Channels	16
Filter Options	High Pass, Low Pass, Full Range
Power Output - 4Ω	75W /Channel, 1kHz One Zone Driven
Power Output - 8Ω	37W /Channel, 1kHz, One Zone Driven
Power Output - 8Ω Bridged	150W, 1kHz, One Zone Driven
Freq Response	Full Range Mode: 20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms Low Pass (LP) Mode: 20Hz to 160Hz +/-3dB at 1W output into 4 or 8 Ohms High Pass (HP) Mode: 80Hz to 20KHz +/-3dB at 1W output into 4 or 8 Ohms
Input Sensitivity	4Ω, One Zone: 620 mV for 75W @ 1kHz 8Ω, One Zone: 690 mV for 37W @ 1kHz
Input Impedance	>22k ohms Line Input
Signal to Noise Ratio	>90dB A-weighted
Signal to Noise Ratio , 8Ω	>96dB A-weighted
Trigger Input	12V, Global
Trigger Output	12V, Global
Volume Gain Adjustment	By Zone
Line Inputs	Selectable: Bus A, Bus B, Zone
Speaker Connectors	Detachable Screw-down, up to 12 Gauge
Operating Temperature	32°F to 104°F (0°C to 40°C)
Altitude	0 to 9,843ft (3,000m)
Power Requirements - North American Model	115-120VAC, 60Hz (1000W Max)
Power Requirements - International Model (-i)	220-240VAC, 50Hz (1000W Max)
Power Connector	IEC C14
Standby Power Consumption	0.3W
Product Dimensions	17.125" (W) x 3.5" (H) x 9.75" (D))43.5 x 8.8 x 24.8 cm)
Product Weight	12.8 lbs (5.8 kg)
Shipping Dimensions	20.2"(W) x 6.7" (H) x 14.3" (D) (51.33 x 17 x 36.3 cm)
Shipping Weight	14.8 lbs (6.7 kg)
Limited Warranty	2 Years

WE'RE IN THE BUSINESS TO HELP OUR DEALERS



RCI Program

- Prevents unauthorized internet reselling
- Units ship in lock-down mode
- Russound Certified Installer credentials required to activate and install
- Installers must accept agreement that they will not resell online
- Featured on all new MCA-Series Controllers and MBX-Series Products
- 16,000+ Installers Worldwide
- Award-winning tech support



Dealer Website

- The tool kit every partner needs. All in one place!
- Password-protected, dealer-only information available
- Current Promos & Dealer Price Sheet
- Training & Tech Tips including alerts when new YouTube videos are posted
- Recent Email Blast Announcements
- Dealer Version of Product Pages
 - o Firmware Updates
 - o Training Files



Integrator Support

- Dealer Locator on our site so end users can find knowledgeable dealers
- RCI Products sold through distribution, not direct
- Profitable margins
- Training webinars and tech tip videos
- Surveys & outreach to identify customers' needs



Online Training Modules

- The training modules on our site are intended for users and prospective users to develop a basic understanding of Russound's products, functionality and operation.
- Available Modules:
MIXAMP-60 and VoicePlay

