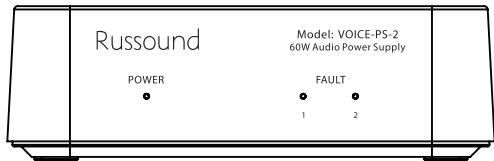


VOICE-PS-2

60W Power Supply



INTRODUCTION

Thank you for purchasing the Russound VOICE-PS-2 power supply. It's designed to provide crisp, audio-quality power for up to two Russound VOICE-TCH-AMP amplified touchpads with Alexa Built-in™.

INSTALLATION AND WIRING

Note: All wiring connections must be made with the system powered off and the VOICE-PS-2 power cord disconnected from the electrical mains (unplugged from the wall outlet).

Installation of the power supply may be done locally in the same room as a VOICE-TCH-AMP or may be run to a central wiring location using CL-2 rated cable from the room where the VOICE-TCH-AMP is installed. The VOICE-PS-2 can be put on a shelf and is also wall-mountable if desired.

Replacing An Existing Audio System

The majority of existing installed audio systems utilize a "home run" of speaker wires from some

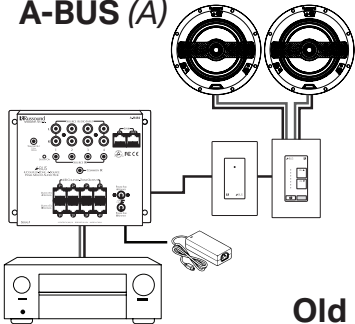
central location to a volume control or keypad in each of the rooms of the home. If your system uses this type of "home run" wiring, you can use the existing wiring to carry the power from the VOICE-PS-2 Power Supply to the VOICE-TCH-AMP, making installation quick and easy.

The VOICE-PS-2 includes important safety features such as over-current, over-temperature and short-circuit protection and can even indicate trouble in an existing wiring configuration which is especially critical when utilizing existing wiring in a home to ensure a proper electrical connection.

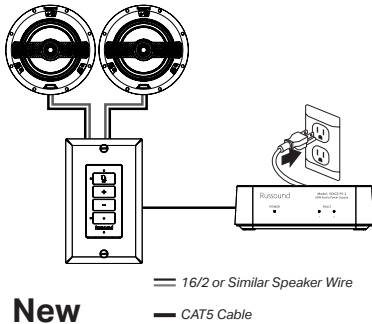
Examples of common wiring configurations in existing installations.

The following diagrams show (A) a common wiring scheme for a keypad based audio system that uses Cat5 wiring from a central location to each room and then speaker wire from the keypad to the room's speakers and (B) a standard "homerun" wiring system that uses speaker wire from the central location to each room's volume control and then additional speaker wire from the volume control to the room's speakers. Both of these wiring configurations can be re-utilized with the VOICE-PS-2 when powering your VOICE-TCH-AMP touchpads.

A-BUS (A)



Old



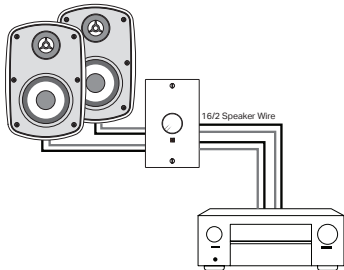
New

== 16/2 or Similar Speaker Wire

— CAT5 Cable

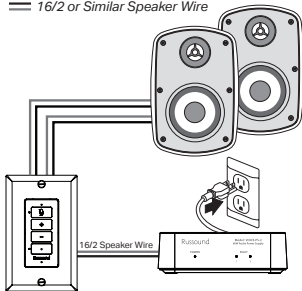
Volume Control (B)

Old



New

== 16/2 or Similar Speaker Wire



New Installation

For a new installation, the location of the VOICE-PS-2 power supply will be based on the wiring being done in the room and around the home at any other rooms. Depending on the wiring that will be done in the home, it might be best to locate your power supplies in a central wiring location for the entire home, or in a central location for each floor or section of a home, or in a wiring closet near adjacent rooms, etc.

Wiring

Be sure to observe proper polarity. The positive and negative terminals on the VOICE-TCH-AMP must correspond with the positive and negative terminals on the VOICE-PS-2.

The connection between the VOICE-PS-2 and the VOICE-TCH-AMP can be made using multiple wire types. If running the wire inside any walls, use CL-2 rated wire or other wiring as required to meet any local building codes.

New Wiring or Replacing a Speaker Wire-based System

Follow these instructions when using new wiring or if you are re-using any existing speaker wiring to connect the VOICE-PS-2 with the VOICE-TCH-AMP. For new installations, we recommend using 18/2 stranded cable as it is inexpensive and readily available. If re-using existing speaker wiring, this is usually either 18/2 or 16/2 and either can be used. With the VOICE-PS-2 disconnected from

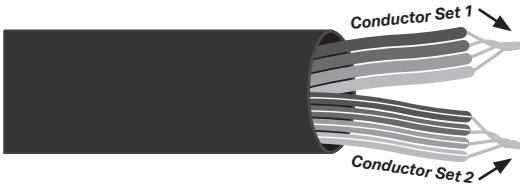
electrical power, strip ¼" (about 6mm) from each of the two wiring conductors and insert them into the removable screw-down terminal on the VOICE-PS-2, making sure to match the proper polarity of each connection. Tighten the screw-down connections securely and make sure that there are no exposed strands that might cause a short-circuit.

Replacing a Cat5 Wire-Based System

If using an existing Cat5 wire to connect the VOICE-PS-2 to the VOICE-TCH-AMP, use a wire stripper to take off as much of the outer insulation sleeve as you need to fan out the wires. Untwist about 2 inches (5 cm) of each of the conductor pairs. Then strip 3/8" (about 1 cm) from each of the individual

conductors. You are going to twist together 2 sets of 4 conductors to make the Cat5 wire into a 2-conductor wire. To make things easy to remember, we recommend twisting all of the striped conductors together to serve as your negative wire and twisting all of the solid colored conductors together to serve as your positive wire.

Insert the new wires into the removable screw-down terminal on the VOICE-PS-2, 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.



Conductor Set 1

- 1 - Blue, Solid
- 2 - Orange, Solid
- 3 - Green, Solid
- 4 - Brown, Solid

Conductor Set 2

- 1 - Blue, Striped
- 2 - Orange, Striped
- 3 - Green, Striped
- 4 - Brown, Striped

Powering On

Once the connections have been made, connect the VOICE-PS-2 power supply to the electrical mains to power up the system. You will see a green light on the front of the VOICE-PS-2 when it is plugged in.

Troubleshooting

The Fault LEDs on the front of the VOICE-PS-2 are designed to help troubleshoot any possible wiring problems which is especially useful when re-using existing wiring. If either Fault LED illuminates red, it indicates that there is a short-circuit somewhere in that wiring connection. Power down the VOICE-PS-2 and check that wiring to find and resolve the issue and then re-connect all wiring and power up the VOICE-PS-2 when the wiring issue has been resolved. The Fault LEDs should both illuminate green when everything is connected properly.

LIMITED WARRANTY

Russound/FMP, Inc. warrants to the original retail purchaser that this product will be free of manufacturing defects in material and workmanship for the following periods ("Warranty Period") and subject to the limitations and exclusions set forth below:

Lifetime

Volume controls, in-wall and in-ceiling speakers, Flexbox speaker back boxes

Ten years from the date of purchase

Speaker selectors and impedance matching devices

Five years from the date of purchase

Landscape speakers, Outback™ speakers

Two years from the date of purchase

Multiroom controllers, keypads, source equipment, A-BUS devices, ComPoint devices, D-Series amplifiers, infrared products, 70V/100V amplifiers

One year from the date of purchase

P-Series amplifiers, touchscreens

Ninety days from the date of purchase

All B-Stock or factory-refurbished items

This Warranty is not transferable to subsequent purchasers/owners of the product.

This Warranty does not include service or parts to repair damage caused by improper use or handling, including but not limited to damage caused by accident, mishandling, improper installation, shipping damage, power surges, lightning strikes, abuse, negligence, or normal wear and tear, or any defect caused by repair to the product by anyone other than Russound or Russound's authorized repair facility.

Certain Russound products may permit access to third-party content providers and/or may support third-party technologies such as specific codecs or file formats. Russound reserves the right to discontinue support and/or access to such third-party content or technologies at any time and for any reason. Russound makes no representations or warranties whatsoever regarding ongoing support for any such third-party content or technologies.

This Warranty does not cover reimbursement for the costs of removing and transporting the product for warranty service evaluation, re-installation, or installation of any replacement product provided under this Warranty.

To obtain warranty service, contact the authorized Russound dealer/installer where you purchased your product or take the unit to the nearest authorized Russound dealer. Proof of purchase must be provided – claims made without proof of purchase will not be covered under this Warranty. The authorized Russound dealer/installer will test the product and if necessary, make arrangements with Russound for service. If there are no authorized Russound dealers in your area, you must contact Russound to receive a factory Return Authorization Number and shipping instructions. Purchaser is responsible for any shipping and handling charges for shipping the product to Russound. DO NOT RETURN ANY UNIT WITHOUT FIRST RECEIVING WRITTEN AUTHORIZATION AND SHIPPING INSTRUCTIONS FROM RUSSOUND. ANY PRODUCTS RECEIVED WITHOUT FOLLOWING THIS PROCEDURE WILL BE REFUSED AND RETURNED UNOPENED.

Upon examination, Russound will, at its sole option and expense, repair or replace any product found to be defective. Russound will

return the repaired or replaced unit to you via its usual shipping method from the Russound repair center to your address in the United States of America or Canada only. Any shipping costs for addresses outside of the United States or Canada or any expedited shipping charges requested by the purchaser shall be the responsibility of the purchaser. In the event that a particular product is no longer available and cannot be repaired effectively, Russound, at its sole option, may replace it with a different model of equal or greater value, or refund the original purchase price paid. THE FOREGOING ARE YOUR EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY.

This Warranty will be void if:

- the serial number on the product has been removed, tampered with, or defaced.
- the product was not purchased from an authorized dealer or reseller.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES. RUSSOUND EXPRESSLY DISCLAIMS ALL SUCH OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT,

WITH RESPECT TO THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY LAW, RUSSOUND SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES EXCEPT TO THE EXTENT PROVIDED (OR PROHIBITED) BY APPLICABLE LAW, EVEN IF IT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Notwithstanding the above, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, or applicable state laws, then you may be entitled to any implied warranties allowed by law for the Warranty Period. Further, some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of consequential damages, so such limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For the name of your nearest authorized Russound dealer, contact: Russound, 1 Forbes Road, Newmarket, NH 03857, or call 1 (603) 659-5170. Please be advised that Russound products are only sold via the Internet through a select group of authorized Internet dealers. These are listed at www.russound.com. Products offered on the Internet through unauthorized Internet dealers are not covered by this warranty and may be either:

- 1) goods acquired on a secondary or grey market
- 2) counterfeit or stolen goods
- 3) damaged, or defective goods

Please fill in your product information and retain this for your records. You may also submit your warranty registration information online on www.russound.com/warranty-registration, but you must still retain all proof of purchase information should warranty service ever be required.

Model _____ Serial No. _____
Purchase Date _____

ATTENTION: TO OUR VALUED CUSTOMERS:

To ensure that consumers obtain quality pre-sale and after-sale support and service, Russound products are sold exclusively through authorized dealers. This Warranty is VOID if the products have been purchased from an unauthorized dealer.

VOICE-PS-2 Specifications:

Power Supply Model: VOICE-PS-2

Supplies Power For: Up to Two VOICE-TCH-AMP

Power Output: 60W / 24VDC

Protection: Over Voltage, Over Current, Over Temperature
(All are self-resetting)

Dimensions (HxWxD): 2" x 4" x 6" (50.8mm x 101.6mm x 152.4mm)



1.6.21 - Rev. 6