

OCTASOUND - RAAX2 - 2 CHANNEL REMOTE AUDIO AMPLIFIER OWNERS MANUAL



RAAX2 - OPTION 1



RAAX2 - OPTION 2

OPTION 1

Volume controls mounted on rear of amplifier. Order this option if expanding the amplifier with the RABX2 or RAMX2 input mixers. Master volume can be preset with the rear volume controls.

OPTION 2

Volume controls mounted on front panel. Order this option for devices such as TV's, Background Music, Radio etc that require volume controls. Two modes of operation via jumper. Independent two zone volume controls or two mixed input channel volume controls to one zone.

POWER SUPPLY OPTIONS

Power supply is sold separately. Choose your power supply based on operation requirements of the RAAX2 Amplifier.

PS-RAAX2-15-1600 15Vdc @ 1.6 amps. Maximum output power of RAAX2 = 12 Watts @ 8 Ohms . Ideal for low audio volume operation requirements.

PS-RAAX2-24-5000 24Vdc @ 5 amps. Maximum output power of the RAAX2 = 30 Watts RMS @ 8 Ohms. Ideal for high audio volume operation requirements.

FCC INTERFERENCE STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by switching the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio or TV technician for help.

RAAX2 - 2 CHANNEL POWER AMPLIFIER WIRING INSTRUCTIONS

POWER (Black 2 pin terminal, euro-style)

Power to the RAAX2 is provided via a 1.6 amp 15 Volt power pack. Insert the black male connector on the end of the power supply into the +PWR- power connector on the rear of the RAAX2. Larger power supplies are available for higher power operation. 15 Vdc to 24 Vdc - 5 amps maximum FCC compliant power supply.

AUX POWER: (Green 2 pin terminal)

15 Vdc auxiliary power is provided via the AUX OUT PWR terminal. This can be used to power an external RAMX2 or RABX2 input mixer.

INPUTS: (Green 5 pin terminal)

Wire input signal to + - and GND terminals for balanced inputs. Use + and GND for unbalanced in.

OUTPUTS: (2 x Orange 2 pin terminals, euro-style)

CH1 and CH2 can be wired to 8 or 4 ohm speakers. Each channel can support two 8 Ohms speakers wired in parallel.

MUTE: (Green 2 pin terminal)

Wire to normally open switch. Contact closure mutes both outputs

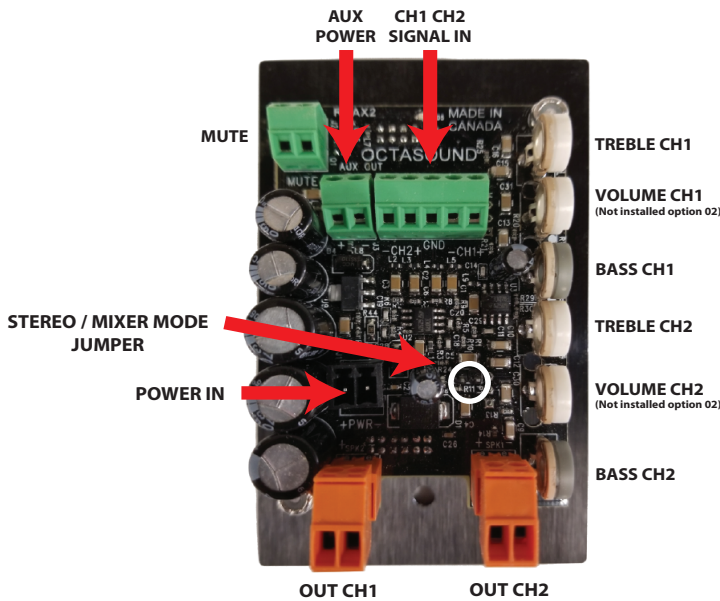
MODE OF OPERATION: (Onboard jumper)

Jumper on = mixer mode. No Jumper = stereo mode

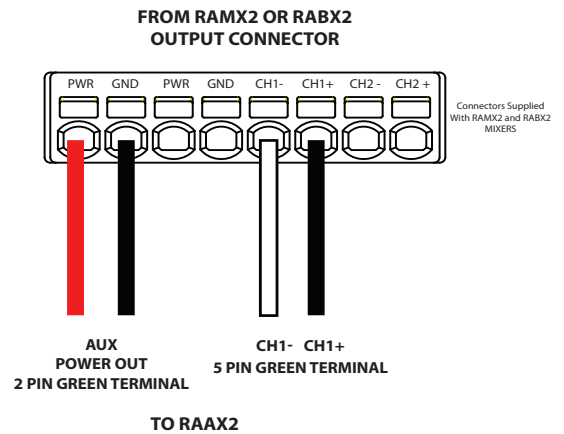
Stereo/Zone Mode: CH1 input to CH1 output, and CH2 input to CH2 output.

Mixer Mode (jumper installed): CH1 and CH2 inputs to both CH1 and CH2 outputs.

RAAX2 REAR VIEW



WIRING TO RAMX2 OR RABX2 INPUT MIXERS



RAAX2 - 2 CHANNEL POWER AMPLIFIER SAMPLE APPLICATIONS

RAAX2 WITH RABX2 IN SMLV-2 CASE

Bluetooth and aux input amplifier - 2 x 50 Watts



6 x RAAX2 INSTALLED INTO RM600 - Rack Mount Chassis 3RU

Multi Room Applications.

