

Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the apparatus.
11. Use only attachments or accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart-apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

If you have any questions, call Russound at 1.800.638.8055 or 603.659.5170.



Specifications

Input connector: RJ-45 8-pole modular jack
Output connectors: (2) RCA jacks, left and right audio
IR receiver connector: Removable 4-pole screw terminal
Input power (via CAT-5): 24 VDC 200 mA
IR receiver power: 12 VDC 200 mA maximum
Mounting method: Surface
Finish: Black
Dimensions: 3.33" W x 2.38" H x 1.59" D
(8.4 x 6.0 x 4.0 cm)
Weight: 5.6 oz (158 g)

Warranty

The Russound A-OM is fully guaranteed against all defects in materials and workmanship for two (2) years from the date of purchase. 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. The unit must be returned to Russound at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damage resulting from abuse or from servicing by an agency or person not specifically authorized in writing by Russound.

This warranty does not cover: damage caused by abuse, accident, misuse, negligence, or improper installation or operation; power surges and lightning strikes; normal wear and maintenance; products that have been altered or modified; any product whose identifying number, decal, serial number, etc. has been altered, defaced or removed.

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.

Damage to or destruction of components due to application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, the unit must be shipped to Russound at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the unit in a corrugated container with at least three (3) inches of resilient material to protect the unit from damage in transit.

Before returning a unit for repair, call Russound at 603.659.5170 for a return authorization number. Write this number on the shipping label and ship to: Russound, 5 Forbes Road, Newmarket, NH 03857.

A-BUS is a registered trademark of LeisureTech Electronics Pty Ltd Australia.

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www.russound.com

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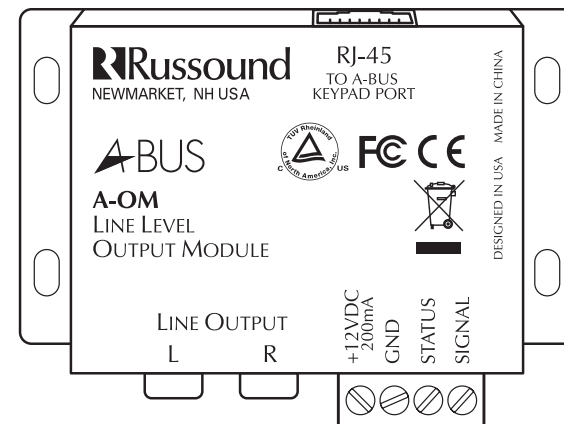
28-1244 04/27/06

Russound

A-OM

A-BUS® Output Module

Instruction Manual



Product Overview

The Russound A-OM A-BUS Output Module provides a fixed-level stereo line output from an A-BUS keypad port on any A-BUS hub or other A-BUS-ready multi-room system. This is useful for sending fixed-level audio signals to an external amplifier or receiver for amplification.

The module can be located with the system controller or hub, or remotely with the amplifier or receiver. It connects to the A-BUS port with a single CAT-5 cable and provides RCA jacks for the audio output.

The A-OM also provides connections for an infrared receiver so the source equipment can be operated from the zone by an IR remote control.

Features

- Provides fixed-level stereo line output
- Works with any standard A-BUS keypad port
- Includes IR receiver input terminals
- Compact chassis mounts on any surface

Installation

Normally the A-OM should be installed near the A-BUS hub or multiroom system controller. However, if the amplifier or receiver is located remotely from the hub or controller, it's better to locate the A-OM with the amplifier or receiver to simplify the line-level audio connections.

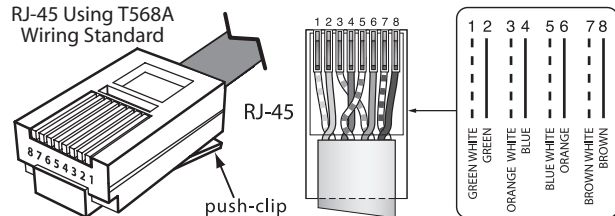
Normal installation

1. Mount the A-OM on a surface near the A-BUS hub or system controller.
2. Connect the RJ-45 jack on the A-OM to an A-BUS keypad port on the hub or controller with a standard 4-pair straight-through RJ-45 patch cable.
3. Connect the RCA Line Output jacks on the A-OM to a stereo line input on the amplifier or receiver with a stereo RCA interconnect cable.

Remote installation

1. Mount the A-OM near the amplifier or receiver.
2. Run CAT-5 cable between the A-OM and the A-BUS hub or multiroom system controller. If desired, use modular wall plates and RJ-45 patch cables for a neater appearance.
3. Crimp RJ-45 connectors on the ends of the CAT-5 cable, following the T568A wiring standard as shown. Plug the connector on the source end into the A-BUS port on the hub or controller. Plug the connector on the module end into the RJ-45 jack on the A-OM. (If using wall plates, punch down the CAT-5 per the T568A standard and use standard 4-pair straight-through RJ-45 patch cables between the wall plates and the devices.)

RJ-45 Using T568A Wiring Standard



4. Connect the RCA Line Output jacks on the A-OM to a stereo line input on the amplifier or receiver with a stereo RCA interconnect cable.

IR receiver connection

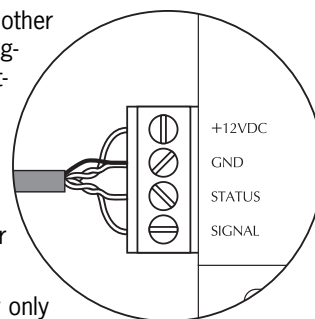
1. If using an IR receiver, connect the receiver to the screw terminals on the A-OM as described in the receiver's instruction manual. If the receiver's lead is too short to reach the A-OM, extend it with 2-pair shielded signal cable and connect the cable to the A-OM as shown. Use one twisted pair

for power and ground, and the other twisted pair for status and IR signal. Drain the shield by connecting it to the ground terminal on the A-OM.

2. Make sure an A-PS Power Supply is plugged into the power jack on the A-BUS hub or multiroom system controller.

Note: The A-OM requires power only when an IR receiver is connected.

Caution: Do not connect power to the IR receiver terminals. Also, do not use a SaphIR K2 infrared control keypad with this product.



Typical Applications

