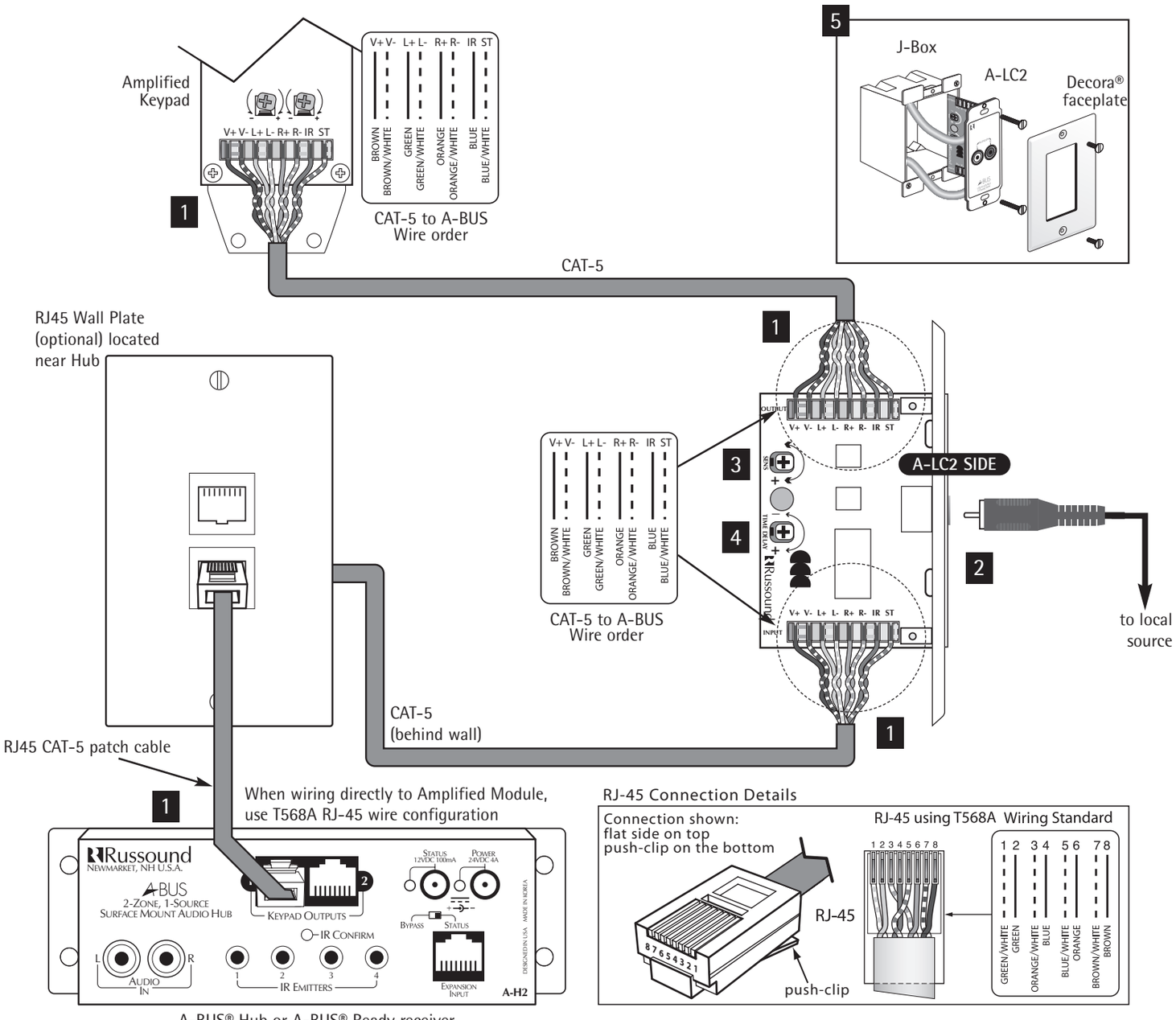
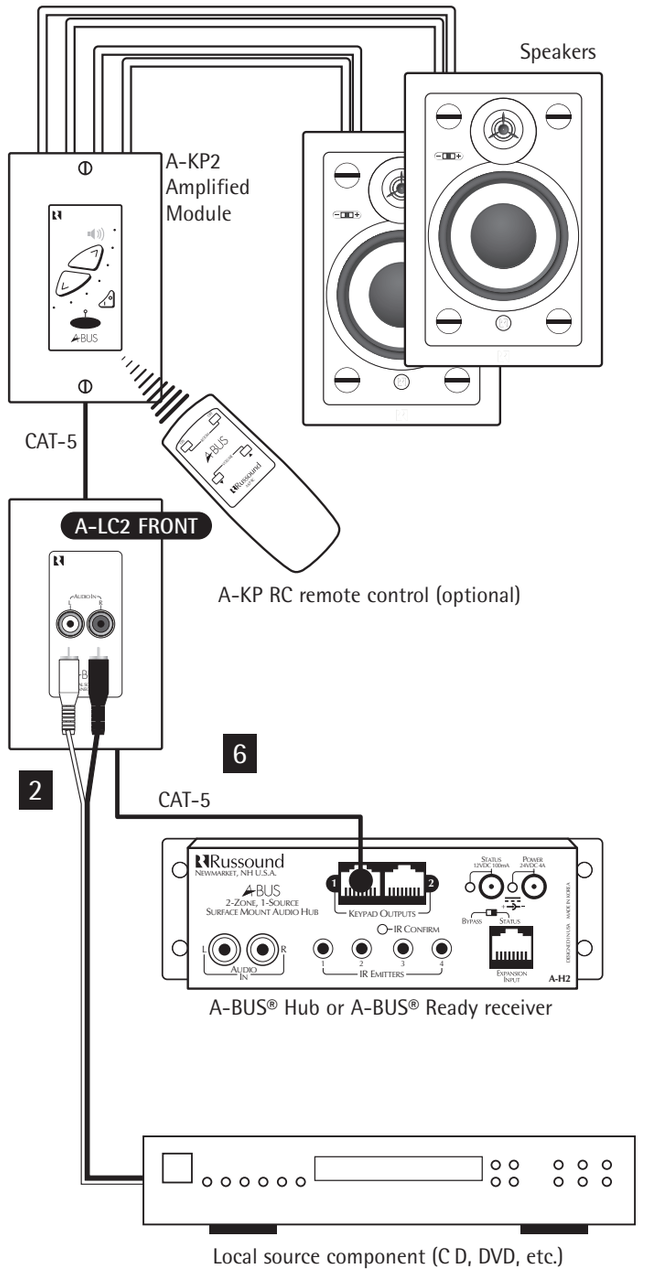
CONNECTION DIAGRAMS FOR RUSSOUND® MODEL A-LC2. REFER TO THE INSTRUCTIONS ON BACK. *DIAGRAMS ARE NOT TO SCALE.*





INSTRUCTIONS FOR CONNECTING AND USING RUSSOUND® MODEL A-LC2. REFER TO THE DIAGRAMS INSIDE.

APPLICATIONS

- The A-LC2 allows guests, for example, to play a CD of their choice in a CD player located in their room. The audio is amplified by the room's A-BUS® Amplified Control Module and played through the speakers in that room. The rest of the system continues to operate independently.
- The A-LC2 can also be used to connect the audio output of a television so TV sound can be heard through a room's speakers.

INSTALLATION NOTES

- Using the A-LC2 requires that the status feature be disabled on the A-BUS® Hub as well as on ALL A-BUS® Amplified Control Modules in the system unless it is being used.
- Before connecting the A-LC2:
  - Make sure that the A-PS power supply is not connected to the A-BUS® Hub or, if you are using an A-BUS® Ready receiver, that the receiver is off.
  - Make sure that the STATUS input on the A-BUS® Hub is not connected.
- The recommended maximum length for use with standard CAT-5 cable is 250 feet.
- Once all of the connections have been made, the A-PS power supply can be connected to the A-BUS® Hub or, if you are using an A-BUS® Ready receiver, the receiver may be turned on.

1 CAT-5 CONNECTIONS

A CAT-5 cable is used to connect the A-LC2 to a keypad output on an A-BUS® Hub or A-BUS® Ready receiver, and to an A-BUS® Amplified Contol Module. For clean installations, use RJ-45 CAT-5 patch cables (use T568A RJ-45 wire configuration) to connect from the Hub to an RJ-45 Wall Plate (optional), and then wire from the Wall Plate to the A-LC2 (see diagram). The A-LC2 and the Amplified Control Module have 110 punchdown connectors for the 8 individual conductors of the CAT-5 cable (use a punchdown tool with a 110 blade to insert conductors).

NOTE: When wiring directly to the A-LC2 (i.e., not using an RJ-45 Wall Plate) crimp on a male RJ-45 connector using the T568A RJ-45 wire configuration for connection to the hub.

2 SOURCE CONNECTION

Connect the audio output of the local source to the audio input on the A-LC2.

3 SENSITIVITY ADJUSTMENT

The sensitivity adjustment determines the level of signal needed before the A-LC2 will switch from the main source to the local source. Try the lowest level first (fully counter-clockwise) and gradually raise the level until the switching occurs. Use a Philips-head screwdriver.

4 DELAY ADJUSTMENT

The time it takes for the A-LC2 to switch back to the main source from the local source can be adjusted from 10 seconds to 90 seconds (fully clockwise position). Use a Philips-head screwdriver.

5 MOUNTING

Locate the A-LC2 near the local source. Check all connections and test the system's operation before installing the A-LC2 into the wall. Using the included hardware, install the A-LC2 into a standard UL/CSA approved electrical J-Box as shown.

6 OPERATION

When the A-LC2 senses an audio signal at its local input, the main audio is switched out locally, the local audio is switched in, and the status light on the connected Amplified Control Module turns on (if not already on). When local audio is no longer sensed, the A-LC2 will switch back to the main audio. If the main audio is not running, the Amplified Control Module will automatically turn off (A-KP2) or mute (A-VC), only if "Status" is enabled on the hub and there is a switched outlet on the main audio source.

English

A-BUS®

Model A-LC2

Local Source Input for A-BUS® System

Instruction Manual

A-BUS® SYSTEM OVERVIEW

The product you have just purchased is an integral part of the Russound® A-BUS® Multi-Room Audio System. It is a component which, when combined with other essential components and your source equipment (receiver, CD player, etc.), creates a versatile whole-house audio system that will fill your rooms with high-quality sound for years to come.

A-BUS® technology is a new, innovative method of providing high quality audio to remote locations with a single 8-conductor cable such as CAT-5. A-BUS® technology provides many advantages over other methods of audio distribution, including: simple, single CAT-5 wiring scheme; infrared control of system components; infrared control of the optional A-KP2 amplified control module; and system power status.

Every A-BUS® System is comprised of components from each of the following three areas.

1. **A-BUS® Amplified Control Modules**: The Module contains both the amplifier for the room's speakers as well as the control for those speakers. One Module should be used for each room you choose to control. The Russound® A-KP2 Amplified Keypad (with built-in IR receiver) and A-VC Amplified Volume Control are examples of A-BUS® Amplified Modules.
2. **A-BUS® Hubs**: All components of the A-BUS® system must be wired centrally to a Hub located near your source equipment. The Hub provides the connection for source equipment, volume controls, infrared emitters and power supply. The A-H484, A-H4, A-H4D, and A-H2 are examples of A-BUS® Hubs. The A-H484, A-H4, and A-H2 are surface-mount units. The A-H4D is an in-wall Decora® style unit.
3. **Power Supply**: The power supply plugs into the Hub. The Russound® A-PS 24VDC/2.5A unit is an example.

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Russound®
A/V DISTRIBUTION & CONTROL SYSTEMS
5 Forbes Rd. Newmarket, NH 03857, USA
☎ 603.659.5170 • Fax 603.659.5388
e-mail: tech@russound.com

the right connection

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A-LC2 OVERVIEW

The A-LC2 is an in-wall, A-BUS® Module that automatically selects between an independent local source (e.g., a CD player in the room) and the main source of an A-BUS® system. The A-LC2 connects between the A-BUS® audio Hub (or A-BUS® Ready receiver) and an A-BUS® Amplified Control Module using CAT-5 wiring.

IMPORTANT – Before installation, review the manuals included with each component in your system. If you are unsure of any of the installation procedures described herein or elsewhere, consult a professional electronics installer.

A-LC2 FEATURES

1) Stereo audio input
2) Automatic switching between local and main source
3) Switching sensitivity adjustment
4) Switching delay adjustment
5) Decora® faceplate

A-LC2 SPECIFICATIONS

Power Requirements:	24VDC, 24mA
Input Sensitivity:	35mV to 280mV
Switching Delay:	10 sec. to 90 sec.
CAT-5 Connection:	110 Punchdown
Dimensions (in-wall):	1.75"W x 2.875"H x 1.75"D (45x73x45mm)
Weight:	6 oz. (170g)

LIMITED WARRANTY

The Russound® A-LC2 is fully 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®. 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 under the terms of the warranty. 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. To return for repairs, the unit must be shipped to Russound® at the owner's expense, along with a note explaining the nature of the service required. Be sure to pack in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit. 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.