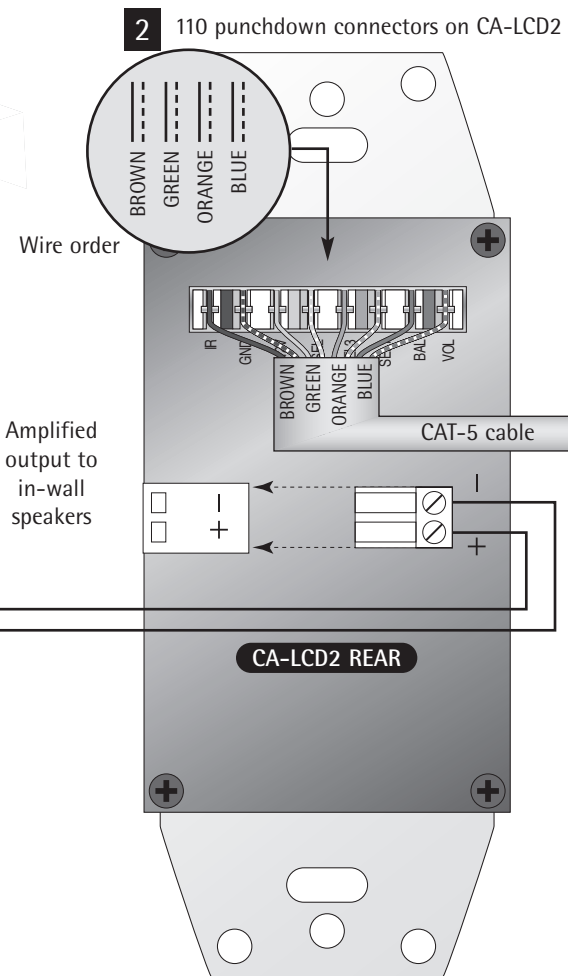
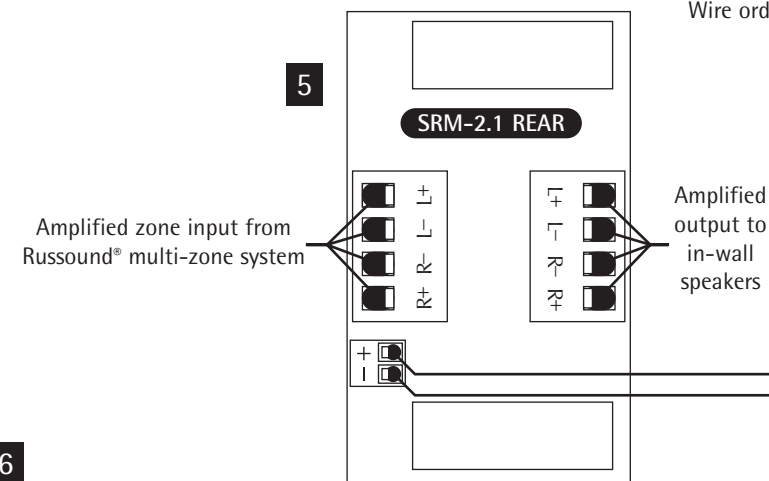
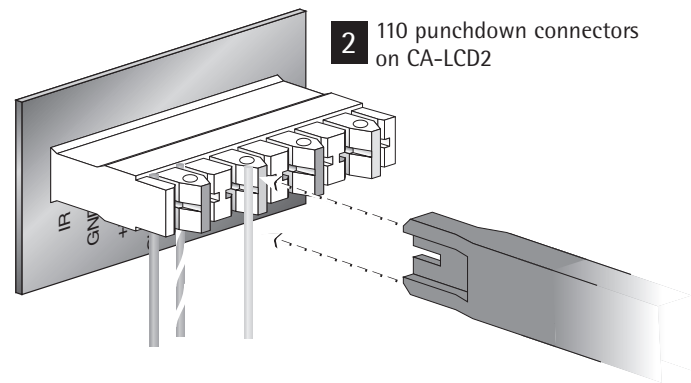
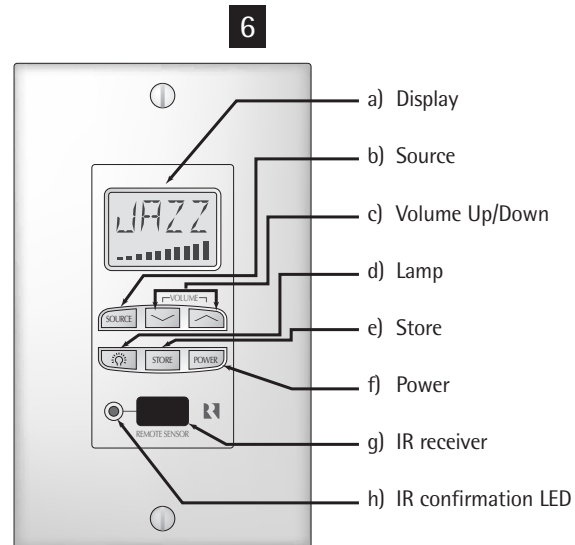
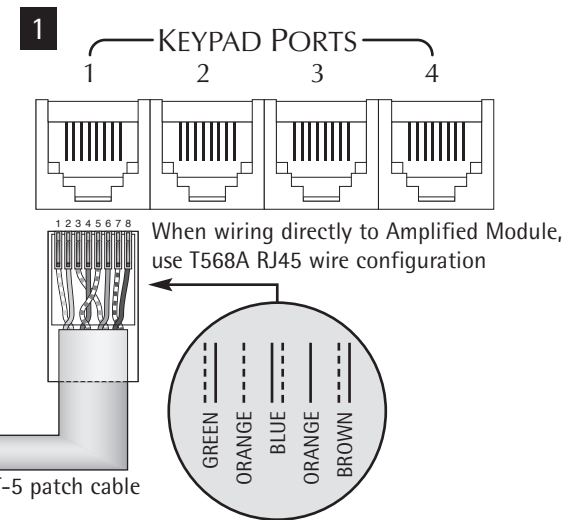
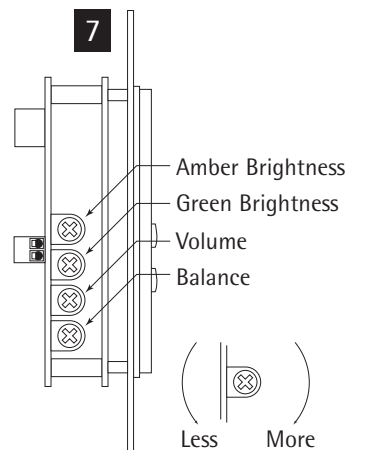
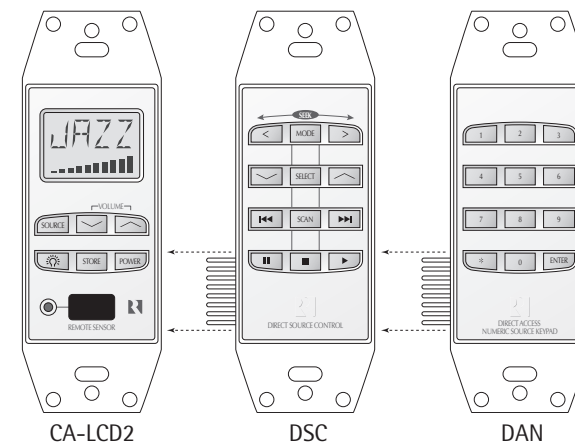




RJ45 Wall Plate (optional) located near Hub



Optional DSC and DAN Keypads dock easily



INSTRUCTIONS FOR CONNECTING AND USING RUSSOUND® MODEL CA-LCD2. REFER TO THE DIAGRAMS INSIDE.

1 WIRING AT THE CONTROLLER

CAi System keypads are wired with CAT-5 wire. It is inexpensive and color coded for ease of installation. Due to the qualities of CAT-5 wire, when using it for keypad control wire with the CAi-Series, it is recommended to use the color code (shown on reverse) for maximum performance. NOTE: 250ft run of wire maximum per keypad is recommended.

2 PUNCHDOWN TERMINALS

The CAi Keypads come with 110 punchdown terminals. These terminals are quick, easy to install and provide a strong connection. Punchdown terminals require the use of a punchdown tool. One has been provided with this kit. Press wires into punchdown terminal with punchdown tool as shown.

3 CLEAN INSTALLATION

For clean installations, we recommend using RJ-45 jumpers to run from the CAi controller to an RJ-45 Wall Plate then running your keypads from the Wall Plate.

4 INSTALLING THE KEYPADS

- The best infrared remote performance is achieved with the keypad away from any direct sunlight. Also consider convenience when choosing a location.
- Choose a place that is easily seen from the position where a person is most likely to be located.
- Check whether or not you can route the wire to the location you have chosen.
- Purchase retro-fit plastic junction boxes (min. 20 cubic inches) or p-rings and cut in the boxes using a key-hole saw or sheetrock knife/hand saw.
- If you are installing the optional DSC keypad you will need to use a double-gang electrical box. If you are installing both the optional DSC and DAN keypad you will need to install a triple-gang electrical box.
- If you feel uncomfortable cutting into your walls and running wire through the walls, seek help from a professional installer or an electrician.
- Route the wire to the junction box from the CAi location.
- When using CAT-5 wire, connect each wire to its corresponding color labeled on the punchdown terminal.
- Mount the keypad in the junction box and attach the Decora® plate.
- Repeat the above steps until all keypads are installed.

5 SRM-2.1

If you are using the SRM-2.1 speaker relay module, wire the +, - terminals of the CA-LCD to the SRM-2.1 +, - terminals as shown.

6 CA-LCD2 KEYPAD OPERATION

- a) Display: The LCD panel displays the source selected and the volume level.
- b) Source: The source button is pressed to select one of the four sources to listen to. Press the source button until the desired source is selected. The source will be displayed on the LCD display panel.
- c) Volume Up/Down: The UP/DOWN arrows for volume are used to select the volume level and to select a different source name after the store button is pressed. If the button is pressed and held the volume will ramp up or down.
- d) Lamp: The lamp button when pressed and released will turn on and off the backlight lamp. The backlight color can be set to amber or green by pressing and holding the button. The backlight will change from one color to the other.
- e) Store: The store function is used to select and store one of the 23 preset source names for each of the four sources. Select the source name that you want to change by selecting source. Press and hold the store button for approximately 3 seconds, and the display begins to flash. Immediately press the UP/DOWN volume buttons to select the different source names. After you have selected the name, press the store button again.
- f) Power: Turn on or off any zone by pressing the power button on the front of the corresponding keypad. When the keypad comes on, it will automatically select the source that was previously selected and set the volume to minimum.
- g) IR receiver: The IR receiver is used to receive commands from an IR remote control. Remote controls used for the source equipment will pass through to the main controller and on to the source equipment. The IR receiver will receive IR signals from 38KHz to 60KHz. To control the functions of the CA-LCD2 keypad, use the CA Remote control. The CA remote control will operate the lamp, source selection, volume up/down and room on/off.
- h) IR confirmation LED: This LED will flash to confirm the reception of an IR signal from a remote control through the IR receiver.

English

Model CA-LCD2
Digital Display Keypad
for CAi-Series System
Instruction Manual

CA-LCD2 OVERVIEW

The CA-LCD2 keypad is an accessory to the CA6.4i and CA4.4i audio distribution systems. The CA-LCD2 controls volume and source selection for the zone that it is in. The backlit LCD display shows the source that is selected as well as the volume level. The backlight can be selected between green and amber. Each of the four sources can be designated by easily selecting one of the 23 source labels with a quick selection from the front of the keypad. Volume, source selection, room on/off and backlight operation can be operated from the CA-LCD2 remote. The IR receiver on the CA-LCD2 will also pass IR to operate source components. A 12-VDC trigger output allows operation of 12 volt-triggered products like the Russound® SRM-2.1 speaker relay module. The Russound® CA-LCD2 keypad is built with pride. Reliability and quality are the primary objective. Russound® products are guaranteed to provide years of enjoyment.

CA-LCD2 FEATURES

- 1) Power On/Off, Volume Up/Down buttons
- 2) Selectable amber or green back lighting
- 3) Backlit LCD readout
- 4) Choose from custom list of source names
- 5) Built-in IR receiver
- 6) IR control of keypad via optional CA-LRC1 remote
- 7) IR control of source components in an CAi system that uses IR Emitters
- 8) LED indicator for IR confirmation
- 9) Volume Trims for setting max. allowable level and L/R balance
- 10) Decora® faceplate

Decora® is a trademark of Leviton Corporation



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Come visit us at:


7 SETTING THE KEYPAD

Before the keypad is installed into the j-box, turn on the power so that you can operate the keypad. The amber and the green back light brightness can be individually set. Note the brightness controls are located on the side of the keypad. Adjust to the desired brightness the backlight that first comes on. Press and hold the lamp button on the front of the keypad until the backlight switches to the other color. Adjust the brightness for the selected color. Also the maximum volume and the balance can be set at this time.

8 CAUTION

These service instructions are for use by qualified personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

9 IMPORTANT SAFETY INSTRUCTIONS

Do not install near any heat source such as radiators, heat registers, stoves or other apparatus (including amplifier) that produce heat. Only use attachments/accessories specified by the manufacturer. Keep these instructions. Follow all instructions.

CA-LCD2 SPECIFICATIONS

Power Requirements:	+12VDC from system
CAT-5 Connection:	110 Punchdown
Dimensions (in-wall):	1.75"W x 2.875"H x 1.375"D (45x73x39mm)
Weight:	6 oz. (170g)





Conforms to
UL 6500
Certified to
CAN/CSA
E65-94



Russound CA-LCD2
Tested to Comply
with FCC Standards
FOR HOME OR OFFICE USE

LIMITED WARRANTY

The Russound® CA-LCD2 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.