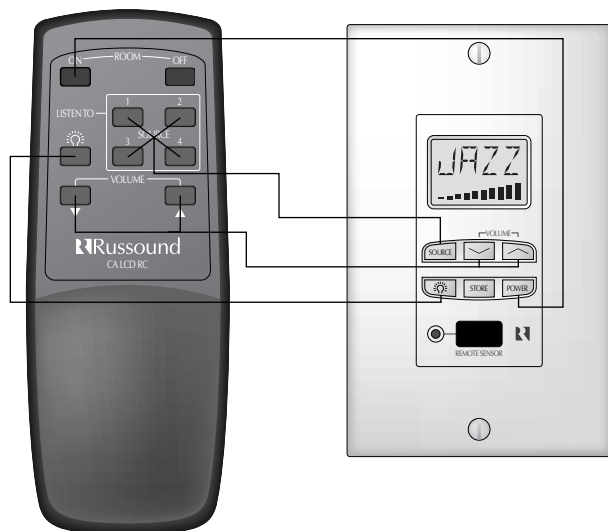


- 7) IR confirmation LED: This LED will flash to confirm the reception of an IR signal from a remote control through the IR receiver.
- 8) IR receiver: The IR receiver is used to receive commands from an IR remote control. Remote controls used for the source equipment will pass through to the main controller and on to the source equipment. The center frequency for the IR receiver is 40KHz. It will receive IR signals from 38KHz to 42KHz. To control the functions of the CA-LCD keypad, use the CA Remote control. The CA remote control will operate the lamp, source selection, volume up / down and room on / off.

Figure 5



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.

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.

LIMITED WARRANTY

The Russound CA-LCD 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
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*the right
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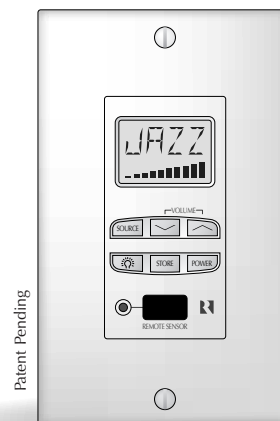


Conforms to
UL 6500
Certified to
CAN/CSA
E65-94

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

Russound
A/V DISTRIBUTION & CONTROL SYSTEMS

CA-System Digital Display Keypad CA-LCD Instruction Manual

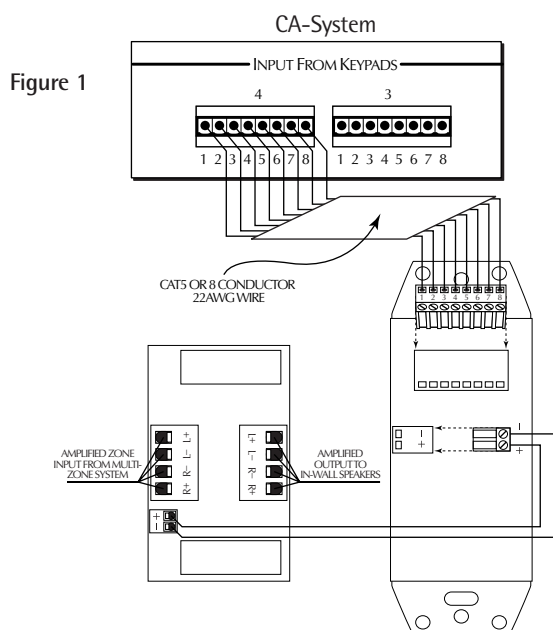


PRODUCT OVERVIEW

The CA-LCD keypad is an accessory to the CA-6.4 and CA4.4pi audio distribution systems. The CA-LCD 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-LCD remote. The IR receiver on the CA-LCD 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-LCD keypad is built with pride. Reliability and quality are the primary objective. Russound products are guaranteed to provide years of enjoyment.

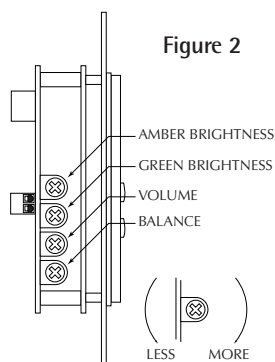
KEYPAD CONNECTIONS

Each keypad connection on the back panel of the CA audio distribution system corresponds to the room / zone number chosen for your speakers. Each zone operates independently, so it is very important to connect the keypad to the correct zone keypad input. The recommended wire length for CAT-5 is no longer than 125 feet. If the length is greater, use an 8 conductor 22 AWG wire. Connect each wire 1 thru 8 using a small jewelers screwdriver. Take note of the color of each wire and the number, being sure that the color and number match at the keypad and the keypad input on the controller. If you are using the SRM-2.1 speaker relay module, wire the +, - terminals of the CA-LCD to the SRM-2.1 +, - terminals.



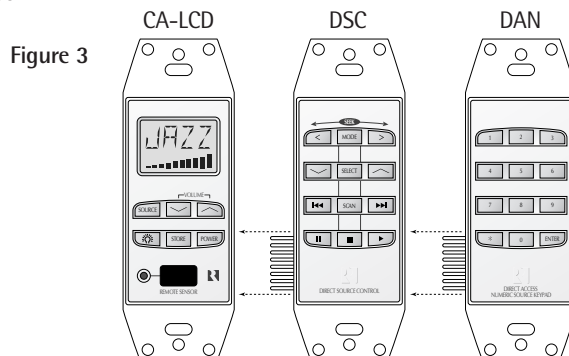
SETTING THE KEYPAD

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.



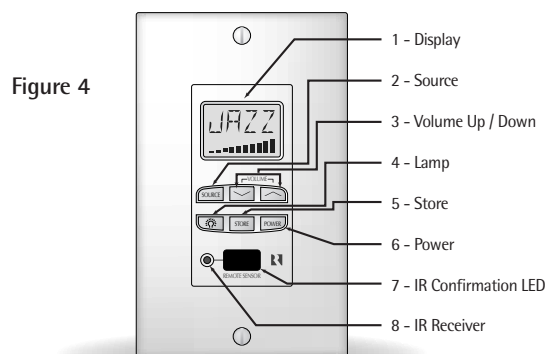
INSTALLING THE KEYPAD

The best performance is achieved when the keypad is placed away from direct sunlight. Consider a convenient operating location before wiring. Choose a place that is easily seen from the common areas of the room. Be sure that you will be able to route the wire for the keypad for the area you have selected. The wire should not be run or placed near AC wiring. Mount the keypad into a standard 18 cubic inch j-box or p-ring using a Decora-style cover plate when finished. If you are installing the DSC keypad you will need to use a double-gang electrical box. If you are installing the CA-LCD, DSC and the DAN keypad you will need to install a triple-gang electrical box.



NOTE: Use only UL/CSA approved junction box.

CA-LCD KEYPAD OPERATION



- 1) Display: The LCD panel displays the source selected and the volume level.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) 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.