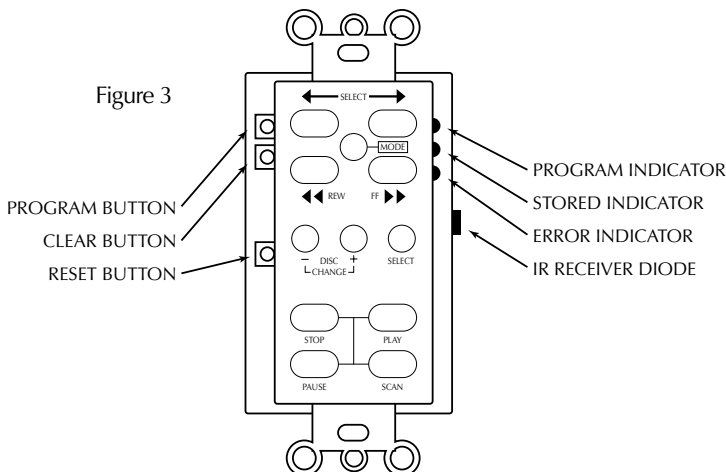


Reset Procedure Instructions

The Reset button is used to restart the LRN Keypad if any problem occurs during programming. If the LRN Keypad locks-up for any reason, follow the below procedure:

- 1) Press the Reset button (shown in Figure 3).
- 2) The Program indicator will illuminate momentarily.
- 3) The LRN Keypad will now operate properly. No stored information will be lost.



Operation Instructions

- 1) Read the KP Control Features section of the CA-Series Multi-Zone Controller manual.
- 2) Select the source that you wish to control on the KP (This will also select the source for listening.).
- 3) Press the command key(s) on the LRN which have been programmed with the commands that you wish to execute.
- 4) The Program indicator will flash as the command is outputted. If the Program indicator does not flash when the command key is pressed, the command was not stored properly.

Limited Warranty

The Russound CA LRN are 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.



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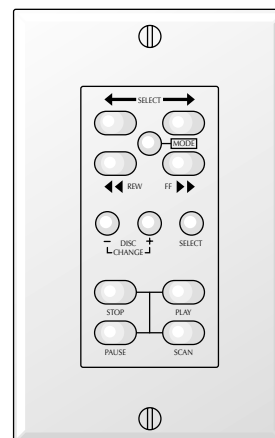


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CA 6.4 LRN Learning Keypad Instruction Manual

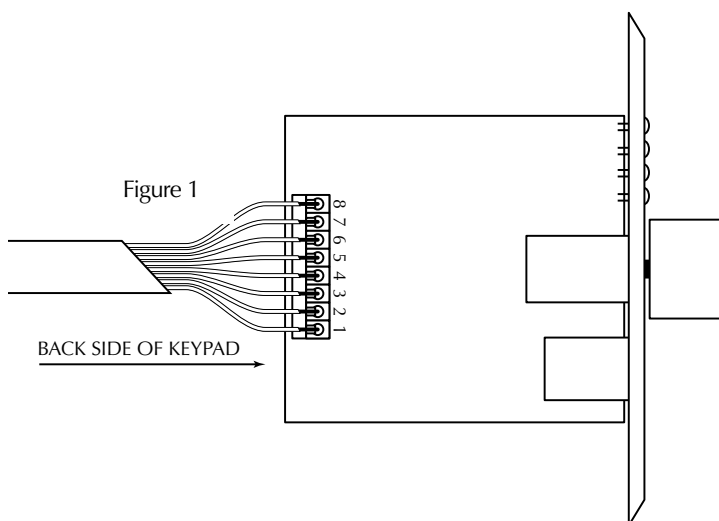


Product Overview

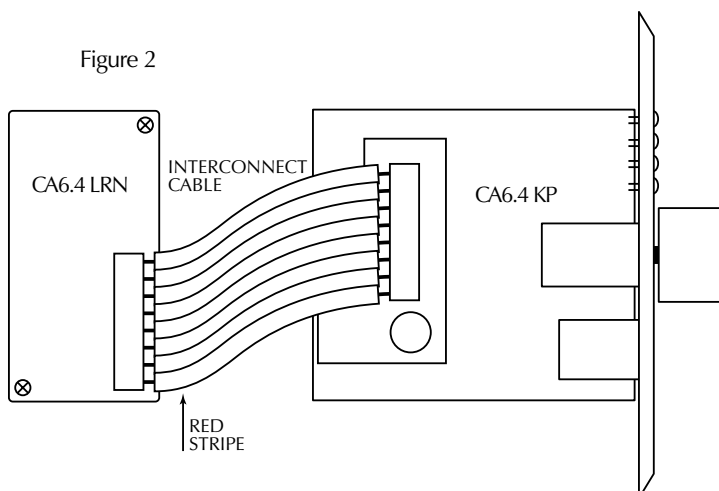
The CA 6.4 LRN Keypad is an accessories to the CA-Series Multi-Zone Control Systems. The LRN connects to the CA KP Keypad via a 16 pin ribbon cable, connected to the back side of the keypad. The LRN adds the ability to store and remotely activate infrared commands of virtually any IR-controlled device connected to a CA Multi-Zone System. Infrared commands can be stored into the LRN Keypad through a simple programming procedure. Commands are executed by simply pressing the command keys to which the infrared commands were previously stored. There are 12 command keys on the front face of the keypad. The LRN has a total of 4 control layers which allows control of up to 4 infrared-controlled devices. A total of 48 infrared commands can be stored and executed by the LRN Keypad.

Connection Instructions

- 1) Read the KP Keypad Wiring Instruction section of the CA6.4 Multi-Zone Controller manual, as well as the section on the infrared emitter outputs.
- 2) Turn off the CA-Series Multi-Zone Controller.
- 3) Connect the CA6.4 LRN's Interface cable to the 16 pin header located on the CA6.4 KP Interface. Note the location of the red stripe.
- 4) Connect the KP Keypad to the corresponding keypad input of the CA-Series Multi-Zone Controller, as shown in the controller's instruction manual and as seen in Figure 1.



- 5) Check the ribbon cable for correct orientation of the LRN and the KP Keypad. Note the location of the RED STRIPE. Refer to Figure 2 for correct orientation of the cable.



Installation Instructions

- 1) Using the (4) provided 3/4" flat-head screws, install the two connected keypads into a double-gang junction box or plaster ring.
- 2) Do not install the cover plate yet, as you will need access to the LRN Keypad during programming.
- 3) Once all keypads are connected and installed, turn on the CA-Series Multi-Zone Controller to power the keypads.

Programming Instructions

The command keys on the LRN Keypad are labeled for reference only. You may program any IR command onto any command key.

- 1) Read the KP Keypad Control Features section of the CA-Series Multi-Zone Controller manual.
- 2) Turn on the KP Keypad by turning the knob to the right.
- 3) Press the Program button on the left side of the LRN Keypad (button locations are shown in Figure 3).
- 4) The Program indicator will light continuously (indicator light locations are shown in Figure 3).
- 5) Select the desired layer by selecting the source input on the KP Keypad (i.e. If you want to program CD player functions, select the CD source on the KP Keypad.).
- 6) Press the command key that you wish to program into, on the LRN front plate (i.e. If you wish to program the play function for your CD player, press the PLAY button on the LRN.). The Program indicator will now blink rapidly.
- 7) Hold your hand-held remote control so that the IR emitting end faces the IR receiving diode located on the right side of the LRN Keypad (see Figure 3 for IR receiving diode location). The hand-held remote should be held 1-4 inches away from the IR receiving diode during command transfer.
- 8) Press the command key on the hand-held remote that you wish to program into the LRN Keypad's command key.
- 9) While the command is being transferred, the Program indicator will light continuously.
- 10) After the command is successfully captured, the Stored indicator will light momentarily, and the Program indicator will remain lit.
- 11) If you wish to continue programming command keys, repeat steps 5-10.
- 12) If the Error indicator is illuminated, there was a problem processing the last command. Repeat steps 5-10.
- 13) To exit the Program mode, press the Program button. All indicators will no longer be illuminated, and the LRN Keypad will be ready for operation (see Operation Instructions).

Clear Procedure Instructions

To Clear Individual Commands:

- 1) Press the clear button. The Program indicator will be illuminated. (Do not press the Clear button for more than 1 second. Holding the Clear button for more than 1 second will cause all stored commands to be deleted.)
- 2) Select the layer in which the command resides by selecting the source input on the KP Keypad.
- 3) Press the command key to be cleared.
- 4) To continue to delete commands, repeat steps 2 and 3.
- 5) To exit the Clear mode, press the Clear button twice, or wait 5 seconds for the LRN to exit the Clear mode automatically.

To Clear All Commands:

- 1) Press and hold the Clear button for more than 1 second.
- 2) The Program, Stored and Error indicators will all light in sequence.
- 3) All commands previously stored in the LRN Keypad are now deleted.
- 4) The LRN Keypad is now ready to be re-programmed (see Programming Instructions).