

## Installation Instructions

Please Read Before Installing

## Tabletop Keypads

HRT-

5KP-A, -C 10KP-A, -C 15KP-A, -C 6LKP-A, -C

5RL-A, -C 10RL-A, -C 15RL-A, -C 6LRL-A, -C

### Description

The RF Tabletop Keypads are for use with HomeWorks Interactive systems. The keypad buttons are programmed with a personal computer using the HomeWorks Interactive Programming Utility.

Up to 32 keypads, each with a unique address, can be assigned to each HomeWorks Interactive RF Processor.

### Important Notes

#### Battery Models (-C only):

Use only high quality alkaline batteries, two (2) size AAA, 1.5V.



**Caution - Do not** use rechargeable batteries. Using improperly rated batteries could damage the RF Tabletop Keypad.

#### All Models (-A and -C):

1. Use only the DC adapter provided by Lutron with your Tabletop RF Keypad.

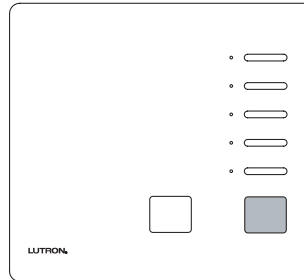


**Caution -** Using a DC adapter not rated for the following specifications could damage the control and possibly overheat the DC adapter.

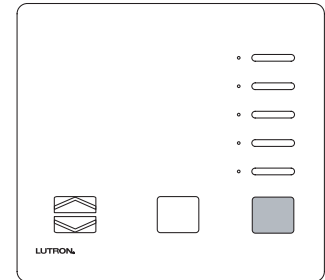
- Input: AC 120/127V, 50/60Hz
- Output: DC 9V/300mA Class 2

2. Clean control with a **soft damp cloth only**. Do not use any chemical or abrasive cleaners.
3. Operate in ambient temperatures between 0°C (32°F) and 40°C (104°F).
4. Do not paint controls.
5. RF Keypads must be located within 30 feet (9m) of an RF Signal Repeater or an RF Processor. Multiple repeaters may be necessary to provide adequate coverage.
6. RF Keypads do not function until they are addressed and programmed. See the HomeWorks Interactive Programming Utility online help.

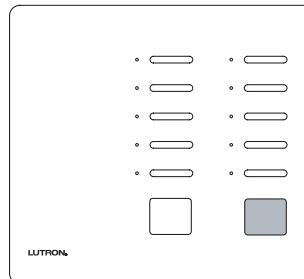
HRT-5KP



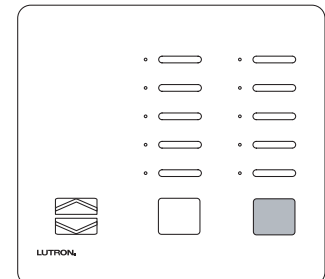
HRT-5RL



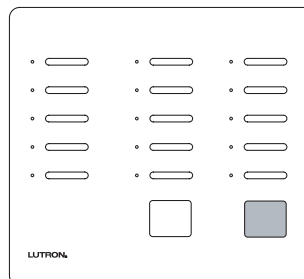
HRT-10KP



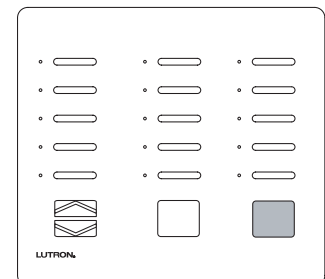
HRT-10RL



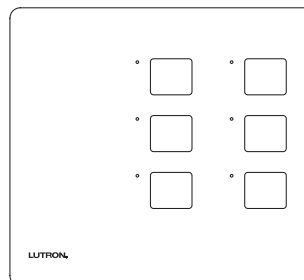
HRT-15KP



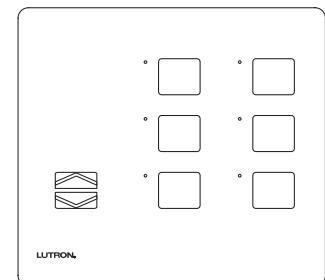
HRT-15RL



HRT-6LKP

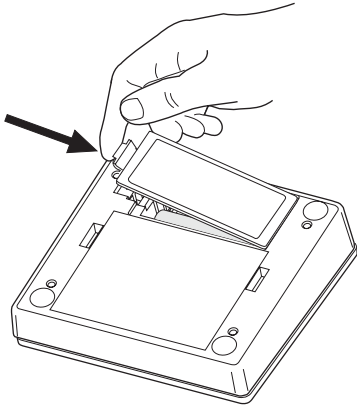


HRT-6LRL

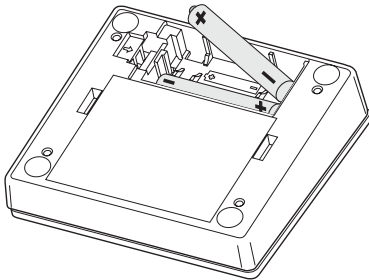


## Battery Installation (-C Models)

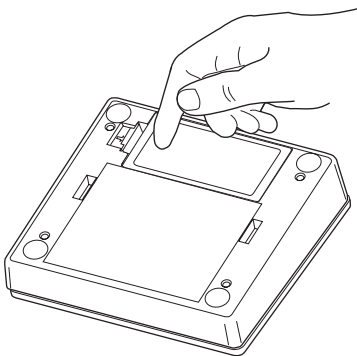
1. Remove battery cover.



2. Install batteries as shown. Use two, 1.5V AAA Alkaline batteries only.



3. Replace battery cover.

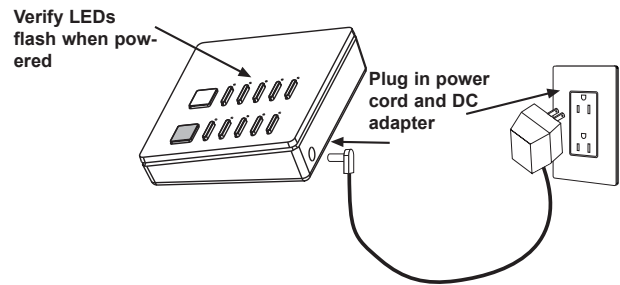


**Note: (Battery-operated models only)**

- The RF Tabletop Keypad goes to “sleep” after a short period of inactivity.
- Press any button to “wake up” the Keypad.

## DC Adapter Installation (All Models)

1. Find a suitable location for the RF Tabletop Keypad. Place the Keypad in a convenient and accessible location. **Note:** RF Keypads should be located within 30 feet of an RF Signal Repeater or an RF Processor.
2. Apply power to the RF Tabletop Keypad.



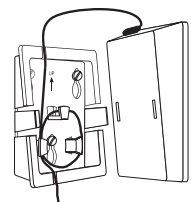
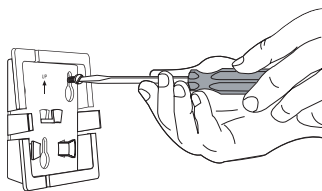
If the LEDs do not flash when powered, ensure that the DC adapter is installed properly and that there is power at the receptacle. If problem persists, call the Lutron Technical Support Center at (800) 523-9466.

## Optional Wall Mounting

RF Tabletop Keypads may be wall mounted using the supplied wall bracket.

Attach wall bracket to wall using the supplied screws and wall anchors.

Wrap excess DC Adapter cord (if using) around the cord holder. Align Keypad and snap onto wall bracket.



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## HomeWorks Interactive™ Keypad Troubleshooting

Keypad is working properly when LEDs light up and loads respond as buttons are pressed.

RF Keypads do not function until they are addressed and programmed. See the HomeWorks Interactive Programming Utility online help.

Symptom	Cause and Action
After a Tabletop RF Keypad “wakes up”, additional button presses cause the control to flash all its LEDs simultaneously.	<ul style="list-style-type: none"><li>• Keypad is not programmed into the system. See the RF Processor Instructions for setup details.</li></ul>
A Tabletop RF Keypad’s LEDs cycle up and down during “wake up”, but the system lights do not respond to button presses.	<ul style="list-style-type: none"><li>• Keypad is out of system communications range. Move the keypad to within 30 feet of an RF Repeater or RF Processor.</li><li>• Button being pressed has not been programmed. See the Programming Utility online help for programming details.</li></ul>
A battery-operated Tabletop RF Keypad will not “wake up” when a button is pressed.	<ul style="list-style-type: none"><li>• Dead, low, or no batteries in keypad. Replace the batteries.</li><li>• Batteries are incorrectly installed. Install batteries as indicated inside the keypad.</li><li>• Batteries are not making contact with the battery terminals. Adjust the batteries so they make contact with the terminals.</li></ul>
A battery-operated Tabletop RF Keypad “wakes up” but goes to “sleep” quickly after a button press.	<ul style="list-style-type: none"><li>• Batteries are low. Replace the batteries.</li></ul>
Nothing happens when a Tabletop RF Keypad’s buttons are pressed.	<ul style="list-style-type: none"><li>• No power available to keypad. Plug in power supply.</li><li>• Faulty power supply. Replace power supply.</li><li>• Keypad is not programmed. See the RF Processor Instructions for setup details.</li></ul>

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## FCC Information

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Changes or modifications not expressly approved by Lutron Electronics Co. could void the user's authority to operate this equipment.

## Industry Canada Information

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

## Technical and Sales Assistance

If you need assistance, call the toll-free **Lutron Technical Support Center**. Please provide exact model number when calling.

(800) 523-9466 (U.S.A., Canada and the Caribbean)

Other countries call:

Tel: (610) 282-3800

Fax: (610) 282-3090

Visit our Web site at [www.lutron.com](http://www.lutron.com)

## LIMITED WARRANTY

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within two years after purchase. After the two year period, a pro-rated warranty applies to this product until eight years after the purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage prepaid. Telephone the Lutron Technical Support Center toll free at 800-523-9466. For more information regarding this warranty contact your Lutron representative.

**THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO TWO YEARS FROM PURCHASE. THIS WARRANTY DOES NOT COVER THE COST OF INSTALLATION, REMOVAL OR REINSTALLATION, OR DAMAGE RESULTING FROM MISUSE, ABUSE, OR IMPROPER OR INCORRECT REPAIR, OR DAMAGE FROM IMPROPER WIRING OR INSTALLATION. THIS WARRANTY DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES. LUTRON'S LIABILITY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, OR USE OF THE UNIT SHALL NEVER EXCEED THE PURCHASE PRICE OF THE UNIT.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This product may be covered by one or more of the following U.S. patents: 5,248,919; 5,736,965; 5,838,226; 5,905,442; D389,461; D395,037; D422,969; D428,855; D436,579 and corresponding foreign patents. U.S. and foreign patents pending. Lutron and HomeWorks are registered trademarks and HomeWorks Interactive is a trademark of Lutron Electronics Co., Inc.

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