

Troubleshooting

Symptom	Possible Cause	Solution
After a Cordless Master Control "wakes up," additional button presses cause the Control to flash all its LEDs simultaneously.	• Master Control is not programmed into the system.	• See Activating Controls in the RadioRA® Setup Guide.
A Cordless Master Control's LEDs cycle up and down during "wake up" but the system lights do not respond to additional button presses.	• Master Control is out of system range. • Button being pressed has not been programmed.	• Move to within 30 feet (9m) of an RF Signal Repeater. • See ROOM/SCENE Button Programming in the RadioRA® Setup Guide.
A Cordless Master Control will not "wake up" when a button is pressed.	• Dead, low, or no batteries in Master Control. • Batteries are incorrectly installed. • Batteries are not making contact with the battery terminals.	• Replace batteries. • Install batteries as indicated inside the Master Control. • Adjust batteries so they make contact with the terminals.
A Cordless Master Control "wakes up" but goes to "sleep" quickly after a button press.	• Batteries are low.	• Replace batteries.
A Tabletop Master Control appears not to be working.	• No power available to unit. • Faulty power supply. • Master Control is not programmed into the system.	• Plug in power supply. • Replace power supply. • See Activating Controls in the RadioRA® Setup Guide.

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 and used in accordance with the instructions, may 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.

Technical Assistance

If you have questions concerning the installation or operation of this product, call the **Lutron Technical Support Center**. Please provide exact model number when calling.
(800) 523-9466 (U.S.A., Canada, and the Caribbean)
Other countries call (610) 282-3800
Fax (610) 282-3090
Visit our web site at www.lutron.com

LUTRON®

Limited Warranty

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage pre-paid.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO ONE YEAR 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 under one or more of the following U.S. patents: 4,835,343; 4,954,768; 5,248,919; 5,399,940; 5,637,930; 5,736,965; 5,798,581; 5,838,226; 5,848,054; 5,905,442; 5,982,103; DES 353,798; DES 378,814; DES 389,461; DES 389,805; DES 395,037; DES 404,013; DES 422,969; DES 428,855; DES 436,579; DES 439,220 and corresponding foreign patents. U.S. and foreign patents pending. Lutron, and RadioRA are registered trademarks of Lutron Electronics Co., Inc.
© 2001 Lutron Electronics Co., Inc.

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299, U.S.A.
Made and printed in the U.S.A. 8/01 P/N 044-016 Rev. A

English

P/N 044-016

RadioRA®

Wireless Home Lighting Control

Installation Instructions for Tabletop Master Controls

Please Leave for Occupant

Read all instructions completely before installation.



NOTE: (Cordless Master Controls Only)

- The Cordless Master Control goes to "sleep" after a short period of inactivity.
- Press any button to "wake up" the Cordless Master Control.
- "Wake Up" the Cordless Master Control **before** starting any of the programming steps in the RadioRA® Setup Guide.

Important Notes

1. Use only high quality alkaline batteries, size AAA, 1.5V. **Do not** use rechargeable batteries. Using improperly rated batteries could damage the Cordless Master Control.
2. Use only the AC adapter provided by Lutron with your Tabletop Master Control. Using an AC adapter not rated at the following specifications could damage the control and possibly overheat the AC adapter.
 - Input: AC 120/127V, 50/60Hz
 - Output: AC 9V/500mA Class 2
3. **Clean control with a soft damp cloth only.** Do not use any chemical cleaners.
4. Operate in ambient temperatures between 0°C (32°F) and 40°C (104°F).
5. Do not paint controls.
6. The range and performance of the RadioRA® System is highly dependent on a variety of complex factors such as:
 - Distance between system components
 - Geometry of the home
 - Construction of walls separating system components
 - Electrical equipment located near system components

Tabletop Master Control

RAMC-5T, RAMC-10T, RAMC-15T
RBMC-5T, RBMC-10T, RBMC-15T
RAMC-5T-RL, RAMC-10T-RL, RAMC-15T-RL
RBMC-5T-RL, RBMC-10T-RL, RBMC-15T-RL
120/127VAC, 50/60Hz

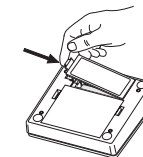
Cordless Tabletop Master Control

RAMC-10C, RAMC-10C-RL
RBMC-10C, RBMC-10C-RL
Batteries: 2 AAA Alkaline 1.5V

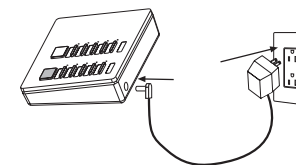
7. Do not mix RadioRA® "A" and "B" frequency products within the same system. Products with different frequencies **are not** compatible.

Table of Contents

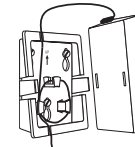
Cordless Master Control Battery Installation.



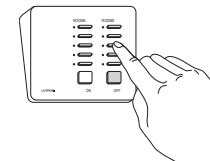
Tabletop Master Control Installation



Optional Wall Mounting



Operation of the Master Control.



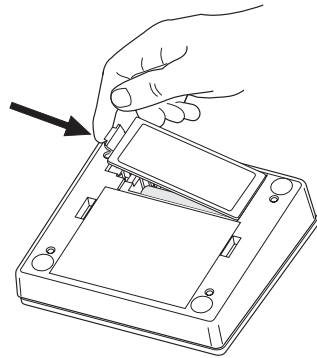
LUTRON®

Cordless Master Control Battery Installation

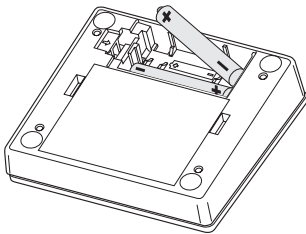
✓ Check off Steps as completed.

Step 1 Find a suitable location for the Cordless Master Control. Place the Cordless Master Control in a convenient and accessible location. **Note:** Cordless Master Controls should be located within 30 feet (9m) of an RF Signal Repeater.

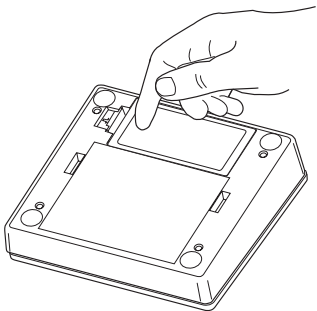
Step 2 Remove battery cover.



Step 3 Install batteries as shown. Use two, 1.5V AAA alkaline batteries only.



Step 4 Replace battery cover.

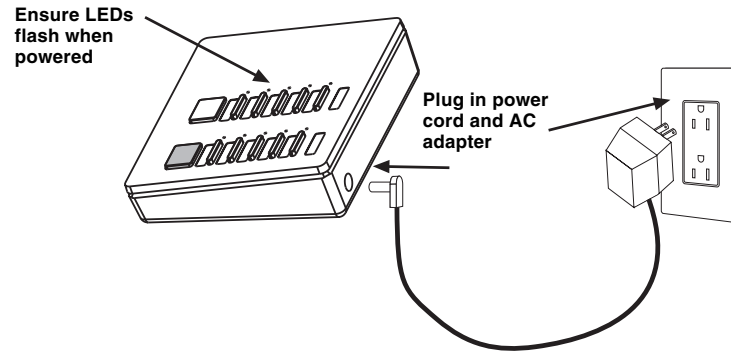


Tabletop Master Control Installation

✓ Check off Steps as completed.

Step 1 Find a suitable location for the Tabletop Master Control. Place the Tabletop Master Control in a convenient and accessible location. **Note:** Tabletop Master Controls should be located within 30 feet (9m) of an RF Signal Repeater.

Step 2 Apply power to the Tabletop Master Control.

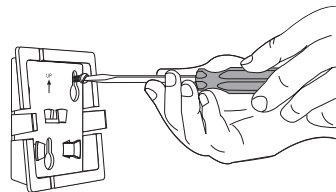


? If the LEDs do not flash when powered, ensure that the AC adapter is installed properly and that there is power at the receptacle. If problem persists, call the Lutron Technical Support Center at (800) 523-9466.

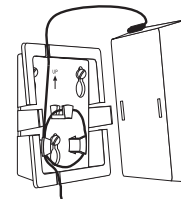
Optional Wall Mounting

Any Tabletop Master Control can be wall mounted using the supplied wall bracket.

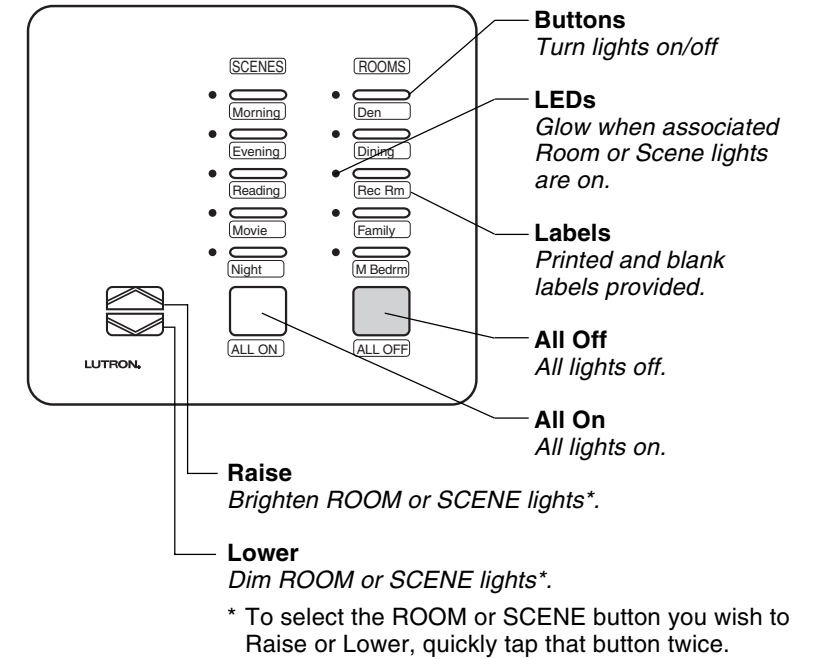
Attach wall bracket to wall using the supplied screws and wall anchors.



Wrap excess power supply cord around the cord holder. Align Master Control and snap onto wall bracket.



Operation of the Master Control



NOTES: (Cordless Master Controls Only)

- The Cordless Master Control goes to "sleep" after a short period of inactivity.
- Press any button to "wake up" the Cordless Master Control.
- "Wake Up" the Cordless Master Control **before** starting any of the programming steps in the RadioRA® Setup Guide.



ADDITIONAL NOTES:

- Master Controls will not operate the RadioRA® System until they have been programmed.
- For detailed instructions on programming a Master Control, refer to the RadioRA® Setup Guide that is included with an RF Signal Repeater.