

### **Setup Guide Addendum**

For GRAFIK RA™ Control Units (RA-GRX-x, RB-GRX-x)

Note: Please leave this manual with homeowner.

## Notes on this Addendum

This is an addendum to the original RadioRA® Setup Guide. The procedures to setup a GRAFIK RA™ Control Unit are the same as setting up a GRAFIK Eye® Control Unit with a RadioRA® GRAFIK Eye® Interface (RA-GRXI). For more information on programming the GRAFIK RA™ Control Unit and the remainder of your RadioRA® System, refer to the original RadioRA® Setup Guide (p/n 044-001).

# **Consumer Information**

#### Warning

This RadioRA® system must not be used to control equipment, other than lighting, which is **not visible** from every master or local control location. It also must not be used to control equipment which could create hazardous situations such as entrapment if operated accidentally. Examples of equipment which must not be controlled by this RadioRA® system when **not visible** from a Multi-Function Entry Master Control or local control location include (but are not limited to) motorized gates, garage doors, industrial doors, and microwave ovens, heating pads, etc. It is the installer's responsibility to ensure that the equipment, other than lighting, being controlled is **visible** from every master or local control location and that only suitable equipment is connected to this RadioRA® system.

#### 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.

# Important Application Notes

- 1. It is required that only one GRAFIK RATM Control Unit be wired on each GRAFIK Eye® link. Multiple GRAFIK Eye® Control Units may be wired (linked) to the same GRAFIK RATM Control Unit, however, all GRAFIK Eye® Control Units on that link will respond in unison to the commands from the GRAFIK RATM Control Unit. ALL GRAFIK Eye® Control Units wired to the same GRAFIK RATM Control Unit will carry out ALL commands from the GRAFIK RATM Control Unit (i.e. go to GRAFIK Eye® scene 3, Turn OFF, etc...). RadioRA® commands cannot be sent to one individual GRAFIK Eye® Control Unit on a link of multiple GRAFIK Eye® Control Units.
  - This application may be desired if multiple GRAFIK Eye® Control Units are in the same room and it is intended that the same scene be selected on each GRAFIK Eye® Control Unit simultaneously.
  - Lutron does *not* recommend using one GRAFIK RA™ Control Unit to link GRAFIK Eye® Control Units located in more that one room.
- 2. Scene 1 on a GRAFIK RA™ Control Unit is the default scene for ALL ON, SECURITY, and FLASH MODES. It is recommended that scene 1 on GRAFIK RA™ Control Units be set to full intensity with a fade time of zero seconds.
- 3. Setting the light levels for GRAFIK RATM scenes should be done prior to any operations in the Setup Guide.
- 4. A GRAFIK RA™ scene may be added to any RadioRA® Master Control button which has been previously programmed without altering that button's existing programming.



## Returning Components to Default Factory Settings

## GRAFIK RATM Control Unit

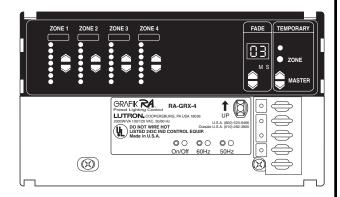


Returning a GRAFIK RA<sub>TM</sub> Control Unit to Default Factory Settings will delete all programming information. **Do not do this unless you are sure that it is necessary.** For more information call the *Lutron Technical Support Center.* 

## Step 1

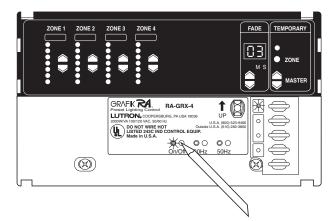
#### Remove faceplate

Remove the faceplate from the GRAFIK RA™ Control Unit



# Step 2 Return to Default Factory Settings

Press and hold the ON/OFF button until the orange ON/OFF LED begins to blink (approximately 5 seconds).



The GRAFIK RA™ Control Unit will turn ON and OFF a few times indicating that the interface has been returned to Default Factory Settings. Reattach the faceplate.



**Important General Programming Note:** If the GRAFIK RA™ Control Unit's fade time is not set to zero, you will not see the lights in the room turn ON and OFF. To confirm the step was completed, watch that the green scene LED turns ON and OFF a few times.

#### **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 Electronics Co., Inc., reserves the right to make improvements or changes in its products without prior notice. Although every attempt is made to ensure that this information is accurate and up to date, please check with Lutron to confirm product availability, latest specifications and suitability for your application.

This product may be covered under one or more of the following U.S. patents: 4,893,062; 4,924,151; 4,954,768; 5,248,919; 5,430,356; 5,463,286; 5,530,322; 5,736,965; 5,838,226; 5,848,054; 5,905,442; 5,982,103; DES 311,382; DES 313,738; DES 344,264 and corresponding foreign patents. U.S. and foreign patents pending. Lutron, GRAFIK Eye, and RadioRA are registered trademarks, and GRAFIK RA is a trademarks of Lutron Electronics Co., Inc. © 2002 Lutron Electronics Co., Inc.

