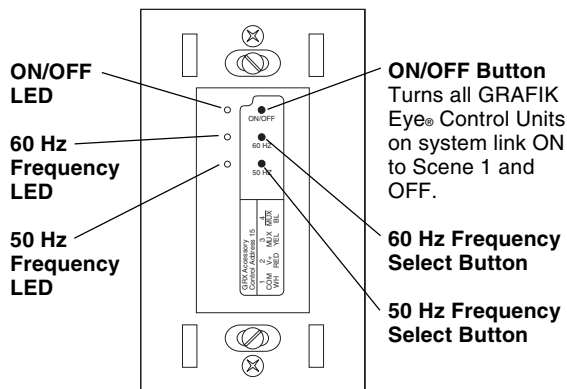


Operation



For detailed instructions on programming your RF GRAFIK Interface, refer to the Setup Guide that is included with an RF Signal Repeater.

Technical Assistance

If you have questions concerning the installation or operation of this product, call **Lutron's European Headquarters**. Please provide exact model number when calling.

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Troubleshooting

Symptom	Possible Cause
RF GRAFIK Interface appears not to be working.	<ul style="list-style-type: none"> No power available to unit. GRAFIK Eye® unit on system link not 3000 or 4000 Series. Improper wiring. Interface not programmed. Improper line frequency selected.

Limited Warranty

Lutron EA Ltd. ("Lutron EA") warrants each unit to be free from defects in material and workmanship and to perform under normal use and service. To the extent permitted by law, Lutron EA and Lutron Electronics Co. Inc. ("Lutron") make no warranties or representations as to the units except as set forth herein. This warranty shall run for a period of one year from the date of purchase and Lutron's obligations under this warranty are limited to remedying any defect, replacing any defective part or replacement (at Lutron EA's sole option) and shall be effective only if the defective unit is shipped to Lutron EA postage prepaid within 12 months after purchase of the unit. Repair or replacement of the unit does not affect the expiry date of the warranty. This warranty does not cover damage or deficiencies due to abuse, misuse, inadequate wiring or insulation or use or installation other than in accordance with instructions accompanying the unit. To the extent permitted by law, neither Lutron EA nor Lutron shall be liable for any other loss or damage including consequential or special loss or damages, loss of profits, loss of income, or loss of contracts arising out of or relating to the supply of the unit or the use of the unit and the purchaser assumes and will hold harmless Lutron EA and Lutron in respect of all such loss or damage. Nothing in this warranty shall have the effect of limiting or excluding Lutron EA's or Lutron's liability for fraud or for death or personal injury resulting from its own negligence, or any other liability, if and to the extent that the same may not be limited or excluded as a matter of law. This warranty does not affect the statutory rights of consumer purchasers of this product. Although every attempt is made to ensure that catalogue information is accurate and up-to-date, please check with Lutron EA before specifying or purchasing this equipment to confirm availability, exact specifications, and suitability for your application. This product may be covered under one or more of the following U.S. patents: 4,835,343; 5,736,965; 5,838,226; 5,848,054; 5,905,442; 5,982,103. Lutron and GRAFIK Eye are registered trademarks and GRAFIK Integrale is a trademark of Lutron Electronics Co., Inc. © 2002 Lutron Electronics Co., Inc.

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English

P/N 044-030

Radio Frequency Control for GRAFIK Eye® and GRAFIK Integrale™

Installation Instructions for RF GRAFIK Interface

Please Leave for Occupant

Read all instructions completely before installation.

Important Notes

1. Install in accordance with all national and local electrical codes.
2. Do not paint controls or wallplates.
3. **Clean 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. Recommended wallbox depth is 64 mm (2 1/2 in.) minimum.
6. This unit is compatible with GRAFIK Eye® 3000 and 4000 Series and GRAFIK Integrale™ models only.
7. The RF GRAFIK Interface uses accessory control address 15 on the GRAFIK Eye® system link. Ensure address 15 is not in use by another GRAFIK Eye® accessory control prior to installing the RF GRAFIK® Interface.
8. Only **one** RF GRAFIK Interface per GRAFIK Eye® system link. Interface commands are sent to **all** GRAFIK Eye® units on the same system link. Commands cannot solely be sent to an individual GRAFIK Eye® unit on a link of many GRAFIK Eye® units.
9. For applications where GRAFIK Eye® controls are operated on generator power, the RF GRAFIK Interface may need to be powered using a 24 VAC power supply. Call the **Lutron Technical Support Center** at 0800 282107 (U.K.) for further details.
10. The range and performance of the RF 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

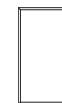
RF GRAFIK Interface RB-GRXI

Class 2 Device, 12 VDC or 24 VAC, 50/60 Hz

Installation Contents

Installation

Installing a RF GRAFIK Interface.



Operation

Using the RF GRAFIK Interface.



DANGER

- Do not connect line voltage power to the RF GRAFIK Interface.
- Connecting line voltage power or improper wiring can result in personal injury or damage to the control or to other equipment.
- All external control equipment must maintain Class 2 isolation.

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Wall Mount Installation

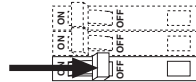


For installing an RF GRAFIK Interface in a newly installed wallbox.

✓ **Check off Steps as completed.**

Step 1 Find a suitable location for the RF GRAFIK Interface. The RF GRAFIK Interface must be located within 10 metres (30 feet) of an RF Signal Repeater.

Step 2 Turn power off at circuit breaker panel or remove fuse from fusebox for ALL GRAFIK Eye® and GRAFIK Integrale™ Control Units.

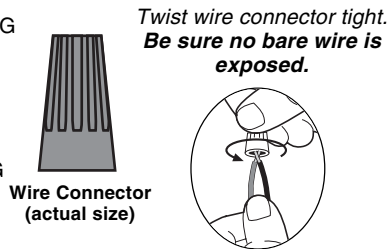


Important Wiring Information

When making wire connections, follow the recommended strip lengths and combinations for the supplied wire connectors. **Note:** Wire connectors provided are suitable for **copper wire only**. For aluminum wire, consult an electrician.

Strip insulation 10mm (3/8") for 14 AWG wire
Strip insulation 13mm (1/2") for 16, 18 or 20 AWG wire.

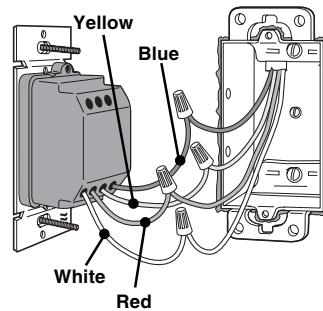
Use to join one 14, 16 or 18 AWG supply wire with one 16, 18 or 20 AWG control wire.



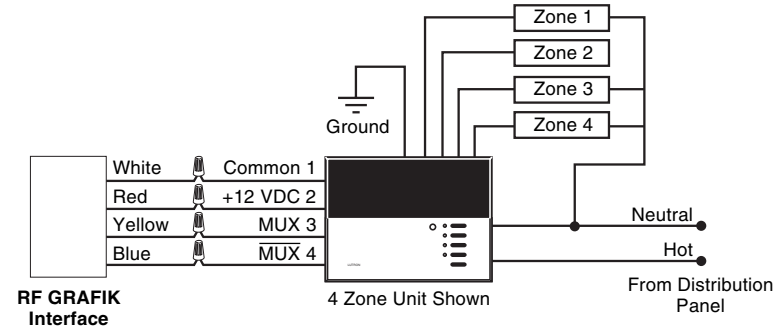
Step 3 Wire the Control.

Using the wire connectors provided:

- Connect the **white** wire to terminal 1 on the GRAFIK Eye® system link. (Common)
- Connect the **red** wire to terminal 2 on the GRAFIK Eye® system link. (+12 VDC)
- Connect the **yellow** wire to terminal 3 on the GRAFIK Eye® system link. (MUX)
- Connect the **blue** wire to terminal 4 on the GRAFIK Eye® system link. (MUX)

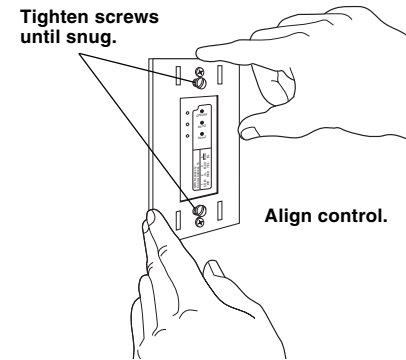


Wiring Diagram

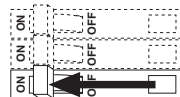


Note: A GRAFIK Eye® unit can supply power to no more than three (3) accessory controls. For more information on Class 2 wiring, see the GRAFIK Eye® 3000 Series or GRAFIK Integrale™ Installer's Guide.

Step 4 Mount and align control.

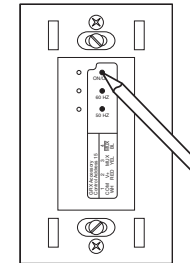


Step 5 Turn power ON.



Step 6 Test wiring.

Push the ON/OFF button to ensure unit is wired correctly. All GRAFIK Eye® Units on the system link will turn ON to Scene 1. A second press will turn all the GRAFIK Eye® Units OFF. If the GRAFIK Eye® Units do not cycle ON/OFF, refer to Step 3 to verify wiring.

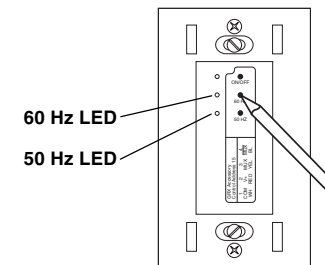


Warning: The RF GRAFIK Interface operates at 50Hz or 60Hz. The product has been shipped in the 50Hz mode. Continue with Steps 7 if you need your product set to 60Hz.

Step 7 Select frequency.

To change the RF GRAFIK Interface operating frequency.

Press and hold the desired frequency button for approximately 3 seconds until its LED turns ON.



Step 8 Attach faceplate.

Snap on faceplate.

