GRAFIK Eye® 3000 Series
The World’s Finest Multi-Scene Preset Lighting Control
NETWORKABLE UNITS WITH ADVANCED FEATURES

Product Family Features
• Control every light in the room with a single touch
• Programmable fade times provide smooth transitions between lighting scenes
• Easy integration with controllable window treatments and projection screens
• Offers multi-location control in many elegant wallstation styles
• Integration to other systems though contact closures or RS-232 interfaces

Specification Features
• Square law dimming
• Lutron’s patented RTISS™ circuitry maintains constant light levels under changing power line conditions
• Lightning strike surge protection to 6000V, 3000A
• Positive air-gap off
• Power failure memory
• Electrostatic discharge protection

System Features
• Up to 8 main units (for a maximum of 48 lighting zones)
• Up to 16 wallstations/control interfaces (for a total of 24 points of control)

Shown: GRAFIK Eye 3000 Series 2-zone control unit with translucent black cover (T) and white base (WH) in a matte finish.
System Operation

**Sources Controlled Directly:**
- Incandescent
- Magnetic Low Voltage
- Neon/Cold Cathode
- Fluorescent
  - Tu-Wire® fluorescent dimming ballasts only
  - Non-dim All popular sources

**Sources Requiring an Interface:**
- Electronic Low Voltage
- 3-Wire Fluorescent
- 0-10V Fluorescent

**Power Boosters** increase zone capacity up to 16A (1920W)

**Interfaces** convert the dimmed signal to control special load types

**Infrared Transmitters***
provide control from anywhere in the room

*Requires line of sight to the control unit

**Wallstations** provide multi-location control.
A variety of styles are available.

**Control interfaces** connect lighting controls to other devices to coordinate performance

**Control units** provide preset lighting control with integral dimmers for scene based control

**Window treatment controllers** provide coordinated control of natural light with artificial light
GRAFIK Eye® Special Product Features

2-Zone (Cover Open, Actual Size)

- Translucent black or opaque cover
- Available worldwide
- Green LEDs indicate light level
- Zone raise/lower buttons set light levels
- Set fade rate from 0 to 59 seconds, 1 to 60 minutes
- Master raise/lower temporarily overrides scene settings
- Infrared receiver permits control via infrared remote control, pg.31
- Scene buttons
- Green status lights indicate “scene on”
- Off
- Opaque white base

3100/3500 Series

<table>
<thead>
<tr>
<th></th>
<th>3100</th>
<th>3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual Set-up</td>
<td>Yes</td>
<td>Yes</td>
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<td>PC Set-up</td>
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<td>Archive System Configuration</td>
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<td>Copy System Configuration</td>
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Liaison™ Software

Windows®-based programming utility for 3500 systems and timeclocks

Whole-Home RF Control System

RadioRA™ Interface
GRAFIK RA™
# GRAFIK Eye® 3000 Series

## Control Units

### Incandescent, Magnetic Low Voltage, Neon/Cold Cathode, Fluorescent with Tu-Wire® Dimming Ballast

<table>
<thead>
<tr>
<th>Description</th>
<th>Maximum Capacity</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Zone Control Units*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3100</td>
<td>1200W/VA</td>
<td>GRX-3102-</td>
</tr>
<tr>
<td>3500</td>
<td>1200W/VA</td>
<td>GRX-3502-</td>
</tr>
<tr>
<td><strong>Dimensions</strong>: W: 5.56” (141mm); H: 4.56” (116mm); D: 2.25” (57mm), depth includes wallplate and backbox. Wallbox size: two-gang, 3.50” (89mm) deep.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 3-Zone Control Units* | | |
| 3100 | 1500W/VA | GRX-3103- |
| 3500 | 1500W/VA | GRX-3503- |
| **Dimensions**: W: 7.25” (184mm); H: 4.56” (116mm); D: 2.25” (57mm), depth includes wallplate and backbox. Wallbox size: three-gang, 3.50” (89mm) deep. |

| 4-Zone Control Units* | | |
| 3100 | 2000W/VA | GRX-3104- |
| 3500 | 2000W/VA | GRX-3504- |
| **Dimensions**: W: 8.94” (227mm); H: 4.56” (116mm); D: 2.25” (57mm), depth includes wallplate and backbox. Wallbox size: four-gang, 3.50” (89mm) deep. |

| 6-Zone Control Units* | | |
| 3100 | 2000W/VA | GRX-3106- |
| 3500 | 2000W/VA | GRX-3506- |
| **Dimensions**: W: 8.94” (227mm); H: 4.56” (116mm); D: 2.25” (57mm), depth includes wallplate and backbox. Wallbox size: four-gang, 3.50” (89mm) deep. |

* **Products Above**: Single zone capacity is 800W/6.67A per zone. Combined total of all zones should not exceed maximum capacity.

## Color Palette

Add color suffix to model #

Examples:

- Translucent Cover, Opaque Base: **GRX-3102-T-**
- Opaque Cover, Opaque Base: **GRX-3102-A-**

## Cover Options

| Matte Finishes ships 48 hrs. |

Matte Cover Options: **A** or **T**

| Gloss Finishes ships 4-6 wks. |

Gloss Cover Option: **A** only

| Metal Finishes ships 4-6 wks. |

Metal Cover Option: **T** only

| Satin Finishes ships 4-6 wks. |

Satin Cover Options: **A** or **T**

See pg.1 for complete color offering and suffixes.

## Base Colors

- **Opaque**
  (Cover and base will match)

- **Translucent Black**
  (Black cover, choice of base color)

## Wallplate Depth

Depth listed with each product includes wallplate and backbox. Wallbox size: two-gang, 3.50” (89mm) deep.
GRAFIK Eye® 3000 Series
seeTouch™ Style Wallstations

Product Family Features
- Features crisp, modern design with buttons that are friendly and easy to use
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Backlighting on engraved buttons make them easy to see and read at night
- Backlighting on non-engraved buttons is best visible on lighter colored models
- Controls are available with infrared receiver for control by infrared remote control, pg.31
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation
- Wire with low-voltage cable, pg.28
- Power up to three wallstations/control interfaces from a single 3000 series control unit; for more than three, use a GRX-12VDC
- Derating not required when ganged
- Each seeTouch style wallstation counts one toward system maximum 16 wallstations/control interfaces

Color Palette
(For latest color information, visit www.lutron.com)

<table>
<thead>
<tr>
<th>Matte</th>
<th>Gloss*</th>
<th>Metal*</th>
<th>Special Metal**</th>
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<tbody>
<tr>
<td>WH</td>
<td>GWH</td>
<td>SB</td>
<td>QB</td>
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<tr>
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<td>HT</td>
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</tbody>
</table>

* For insert models only
** To order contact Lutron Customer Service
Infrared wireless remote controls and ceiling-mounted infrared receivers available

To Order/Customer Service • 8am–8pm ET (US/CAN) • 1-888-LUTRON1

GRAFIK Eye® 3000 Series

Entire-Room Controls

2-Button Wallstation
- Backlit buttons
- Recalls preset lighting scenes/off, or other function depending on configuration
- Green status lights

4-Scene Wallstation
- Backlit buttons
- Recall preset lighting scenes
- Green status lights

4-Scene Wallstation with Off
- Backlit buttons
- Recall preset lighting scenes
- Green status lights

4-Scene Wallstation with Off and Raise/Lower
- Backlit buttons
- Recall preset lighting scenes
- Green status lights
- Off
- Raise
- Lower

4-Scene Wallstation with Off, Raise/Lower, and IR Receiver
- Backlit buttons
- Recall preset lighting scenes
- Green status lights
- Off
- Raise
- Lower

4-Partition Status Wallstation
- Backlit buttons
- Reflects partition status for up to four moveable walls (five rooms)
- Resets all controls to independent operation (all closed)
- Green status lights

4-Button Master Control Wallstation
- Backlit buttons
- Toggle selected controls between scene 1 and off
- All off, or selects scene 1 depending upon configuration
- Green status lights

Infrared Controls, pg.31
- Infrared wireless remote controls and ceiling-mounted infrared receivers available

Architectural Accessories and Wallplates
- Receptacles, GFCI Receptacles, Isolated Ground Receptacles, Telephone/Cable/Fiber/BNC Jacks, and 1- to 6-Gang Wallplates

Non-insert models offer a refined look
- Non-Insert Model SG-2BN

Insert models available for multigang installations
- Insert Model SG-2BI
## SeeTouch Style Wallstations

### 2-Button Wallstation
- **Model #**: SG-2BN-<br>SG-2BI- *
- **Function**:
  - Turns lighting on (Scene 1) and off
  - Recalls preset light levels for two scenes (9/10 or 13/14)
  - Single partition status determines which GRAFIK Eye Control Unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms)
  - Panic (Scene 16, lock out GRAFIK Eye Manual Control)
  - Sequencing (Selects Scenes 5-16 sequentially)
  - Individual Zone Raise/Lower
  - Zone Lockout

### 4-Scene Wallstation
- **Model #**: SG-4BN-<br>SG-4BI- *
- **Function**: Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field)
- Can be mounted with other wallstations in multigang faceplate for 8/12/16 scene option

### 4-Scene Wallstation with Off
- **Model #**: SG-4NRLN-<br>SG-4NRLI- *
- **Function**: Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off
- Can be mounted with 4-scene wallstations in multigang faceplate for 8/12/16 scene option

## Important Information
- **Ships in 48 hrs.**
- **Color Palette**
  - Matte Finish
  - Add color suffix to model #
  - Example: SG-2BN- **WH**
    - **WH**: White
    - **BE**: Beige
    - **IV**: Ivory
    - **GR**: Gray
    - **BR**: Brown
    - **BL**: Black
  - Satin Finish (Insert models only)
  - Add color suffix to model #
  - Example: SG-2BI- **SW**
    - **SW**: Snow
    - **BI**: Biscuit
    - **ES**: Eggshell
    - **TP**: Taupe
    - **MN**: Midnight
    - **BT**: Blue Mist
    - **LS**: Limestone
    - **ST**: Stone
    - **DS**: Desert Stone
    - **OC**: Ochre
    - **HT**: Hot
  - Gloss Finish (Insert models only)
  - Add color suffix to model #
  - Example: SG-2BI- **GWH**
    - **GWH**: White
    - **GLA**: Light Almond
  - Colors meet NEMA color standards where standards exist

*Insert Models*
- Use insert models with multigang wallplates.

**Products Above**: Single-gang wallplate included with product.
- For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

**Dimensions**: W: 2.75” (70mm); H: 4.56” (116mm); D: 1.69” (43mm), depth includes wallplate and backbox. Wallplate depth is 0.30” (7.6mm). Wallbox size: single gang

**Controls are Class2/PELV unless noted.**

### Global Ordering
- For More Information:
  - [www.lutron.com/grafikeye](http://www.lutron.com/grafikeye)
  - Fax-on-Demand 1·800·523·9466

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**Technical Support**: 24 Hours/7 Days  •  1·800·523·9466  •  www.lutron.com
GRAFIK Eye® 3000 Series

seeTouch Style Wallstations

**4-Scene Wallstation with Off and Raise/Lower**

- 4-Scenes with Off, Raise/Lower and Backlit Buttons
  - SG-4SN-
  - SG-4SI-
  - Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off
  - Fine-tuning of light levels with master raise/lower buttons

**4-Scene Wallstation with Off, Raise/Lower, and IR Receiver**

- 4-Scenes, Off, Raise/Lower, Infrared Receiver with Backlit Buttons
  - SG-4SRN-
  - SG-4SRI-
  - Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off
  - Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.31
  - Fine-tuning of light levels with master raise/lower buttons

**4-Partition Status Wallstation**

- Partition Control with Backlit Buttons
  - SG-4PSN-
  - SG-4PSI-
  - Provides four buttons to determine which GRAFIK Eye control unit(s) operate independently or in combination to reflect partition status for up to four moveable walls (five rooms)
  - Last button resets all control units to independent operation

**4-Button Master Control Wallstation**

- Master Control with Backlit Buttons
  - SG-4MN-
  - SG-4MI-
  - Each of four buttons toggles individually selected GRAFIK Eye control unit(s) between Scene 1 and off
  - Last button turns selected GRAFIK Eye control unit(s) off (can be changed in the field to turn control unit(s) on)

**Important Information**

- Ships in 48 hrs.
- **Color Palette**
  - Matte Finish
  - Add color suffix to model #
  - Example: SG-4SN- WH
  - WH: White
  - BE: Beige
  - IV: Ivory
  - GR: Gray
  - BR: Brown
  - BL: Black
- **Satin Finish (Insert models only)**
  - Add color suffix to model #
  - Example: SG-4SI- SW
  - SW: Snow
  - BI: Biscuit
  - ES: Eggshell
  - TP: Taupe
  - MN: Midnight
  - BT: Blue Mist
  - LS: Limestone
  - ST: Stone
  - DS: Desert Stone
  - TC: Terracotta
  - OC: Ochre
  - HT: Hot
- **Gloss Finish (Insert models only)**
  - Add color suffix to model #
  - Example: SG-4SI- GWH
  - GWH: White
  - GLA: Light Almond
  - Colors meet NEMA color standards where standards exist
- **Insert Models**
  - Use insert models with multigang wallplates.

Products Above: Single-gang wallplate included with product.

For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

**Dimensions:**
- W: 2.75” (70mm); H: 4.56” (116mm); D: 1.69” (43mm), depth includes wallplate and backbox. Wallplate depth is 0.30” (7.6mm). Wallbox size: single gang

For More Information:
- www.lutron.com/grafikeye
- Fax-on-Demand 1-800-523-9466
**GRAFIK Eye® 3000 Series**

Architectural Style Wallstations

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**Product Family Features**
- Sleek slim-button wallstations to fit a designer style opening for use in single or multigang applications
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Controls are available with infrared receiver for control by infrared remote control, pg. 31
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units
- Master control wallstation permits control of an entire GRAFIK Eye 3000 system from one location

**Layout and Installation**
- Wire with low-voltage cable, pg. 28
- Power up to three wallstations/control interfaces from a single 3000 series control unit; for more than three, use a GRX-12VDC
- Derating not required when ganged
- Each designer style wallstation counts one toward system maximum 16 wallstations/control interfaces

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**Color Palette**

(For latest color information, visit www.lutron.com)

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<thead>
<tr>
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<td></td>
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</tr>
</tbody>
</table>

* To order contact Lutron Customer Service
Infrared wireless remote controls and ceiling-mounted infrared receivers available

**Entire-Room Controls**

**GRAFIK Eye® 3000 Series**

**2-Button Wallstation**
- Green status lights
- Recalls preset lighting scenes/off, or other function depending on configuration

**4-Scene Wallstation**
- Recall preset lighting scenes
- Green status lights

**4-Scene Wallstation with Off and Raise/Lower**
- Recall preset lighting scenes
- Off
- Raise/lower
- Green status lights

**4-Scene Wallstation with Off and IR Receiver**
- Recall preset lighting scenes
- Off
- Infrared receiver
- Green status lights

**4-Scene Wallstation with Off, IR Receiver, and Switch Input**
- Recall preset lighting scenes
- Off
- Infrared receiver
- Green status lights

**4-Button Master Control Wallstation**
- Each button toggles selected control units between scene 1 and off
- All-on (scene 1) or all-off
- Green status lights

**Infrared Controls, pg.31**
- Infrared wireless remote controls and ceiling-mounted infrared receivers available

**4-Partition Status Wallstation**
- Determine which control unit(s) function, reflecting partition status for up to 4 moveable walls
- Off
- Green status lights

**Architectural Accessories and Wallplates**

- Receptacles, GFCI Receptacles, Isolated Ground Receptacles, Telephone Jacks, Cable Jacks, and 1- to 6-Gang Wallplates

To Order/Customer Service • 8am–8pm ET (US/CAN) • 1-888-LUTRON1
<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Architectural Style Wallstations</strong></td>
<td></td>
</tr>
<tr>
<td><strong>2-Button Wallstation</strong></td>
<td>NTGRX-2B-SL-</td>
</tr>
<tr>
<td>2-Button</td>
<td></td>
</tr>
<tr>
<td>• Product Functions (can be selected in the field):</td>
<td></td>
</tr>
<tr>
<td>- Turns lighting on (Scene 1) and off</td>
<td></td>
</tr>
<tr>
<td>- Recalls preset light levels for two scenes (9/10 or 13/14)</td>
<td></td>
</tr>
<tr>
<td>- Single partition status determines which GRAFIK Eye control unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms)</td>
<td></td>
</tr>
<tr>
<td>- Panic (Scene 16, lock out GRAFIK Eye manual control)</td>
<td></td>
</tr>
<tr>
<td>- Sequencing (Selects Scenes 5-16 sequentially)</td>
<td></td>
</tr>
<tr>
<td>- Individual zone raise/lower</td>
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<tr>
<td><strong>4-Scene Wallstation</strong></td>
<td>NTGRX-4B-</td>
</tr>
<tr>
<td>4-Scenes</td>
<td></td>
</tr>
<tr>
<td>• Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field)</td>
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<tr>
<td>• Can be mounted with other wallstations in multigang faceplate for 8/12/16 scene selection</td>
<td></td>
</tr>
<tr>
<td><strong>4-Scene Wallstation with Off and Raise/Lower</strong></td>
<td>NTGRX-4S-</td>
</tr>
<tr>
<td>4-Scenes with Off and Raise/Lower</td>
<td></td>
</tr>
<tr>
<td>• Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off</td>
<td></td>
</tr>
</tbody>
</table>

Ships in 48 hrs.

**Color Palette**

**Matte Finish**

Add color suffix to model #

Example: NTGRX-2B-SL- WH

| WH | White |
| BE | Beige |
| IV | Ivory |
| GR | Gray |
| BR | Brown |
| BL | Black |

**Wallplates**

Single-gang wallplate included with product.

**Wallstation Dimensions**

W: 2.75” (70mm)  
H: 4.56” (116mm)  
D: 1.13” (29mm)  

Depth includes wallplate and backbox. Wallplate depth is 0.30” (7.6mm).

Wallbox size: single gang

Controls are Class2/PELV unless noted.

For More Information:  
www.lutron.com/grafikeye  
Fax-on-Demand  1-800-523-9466
### Architectural Style Wallstations

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
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</thead>
<tbody>
<tr>
<td><strong>4-Scene Wallstation with Off and IR Receiver</strong></td>
<td>NTGRX-4S-IR-</td>
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<tr>
<td>4-Scenes, Off, and Infrared Receiver</td>
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</tr>
<tr>
<td>• Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off from keypad</td>
<td></td>
</tr>
<tr>
<td>• Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.31</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-Scene Wallstation with Off, IR Receiver, and Switch Input</strong></td>
<td>NTGRX-SI4S-IR-</td>
</tr>
<tr>
<td>4-Scenes, Off, Infrared Receiver and Switch Input</td>
<td></td>
</tr>
<tr>
<td>• Recalls preset light levels for four scenes (1-4 or 5-8 based on external contact closure) plus off from keypad</td>
<td></td>
</tr>
<tr>
<td>• Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.31</td>
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</tr>
<tr>
<td>• Ideal for two room partitionable spaces</td>
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<tr>
<td>• Allows new scenes to accommodate function of two single rooms reoriented into one larger room</td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
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<tr>
<td><strong>4-Partition Status Wallstation</strong></td>
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<tr>
<td>Partitioning Control</td>
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</tr>
<tr>
<td>• Provides four buttons to determine which GRAFIK Eye control unit(s) operate independently or in combination to reflect partition status for up to four moveable walls (five rooms)</td>
<td></td>
</tr>
<tr>
<td>• Last button resets all control units to independent operation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-Button Master Control Wallstation</strong></td>
<td>NTGRX-4M-</td>
</tr>
<tr>
<td>Master Control</td>
<td></td>
</tr>
<tr>
<td>• Each of four buttons toggles individually selected GRAFIK Eye control unit(s) between Scene 1 and off</td>
<td></td>
</tr>
<tr>
<td>• Last button turns selected GRAFIK Eye control unit(s) off (can be changed in the field to turn control unit(s) on)</td>
<td></td>
</tr>
</tbody>
</table>

**Important Information**

- Ships in 48 hrs.
- **Color Palette**
  - Matte Finish
  - Add color suffix to model #
  - Example: NTGRX-4S-IR-WH
    - WH White
    - BE Beige
    - IV Ivory
    - GR Gray
    - BR Brown
    - BL Black

- **Wallplates**
  - Single-gang wallplate included with product.

- **Wallstation Dimensions**
  - W: 2.75" (70mm)
  - H: 4.56" (116mm)
  - D: 1.13" (29mm)
  - Depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm).
  - Wallbox size: single gang

- Controls are Class2/PELV unless noted.

**For More Information:**

- www.lutron.com/grafikeye
- Fax-on-Demand 1-800-523-9466

**Global Ordering**

- To Order/Customer Service • 8am–8pm ET (US/CAN) • 1-888-LUTRON1
GRAFIK Eye® 3000 Series
European Style Wallstations

Product Family Features
• Sleek, euro-styled buttons make this a unique offering for the design-minded homeowner
• For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
• Controls are available with infrared receiver for control by infrared remote control, pg.31
• 2-, 4- and 8-scene models let you limit or expand scene control options depending on where the control is located
• Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation
• Wire with low-voltage cable, pg.28
• Power up to three wallstations/control interfaces from a single 3000 series control unit; for additional controls use GRX-12VDC
• Mounts individually, does not gang
• Each European style wallstation counts one toward system maximum 16 wallstations/control interfaces

Color Palette (For latest color information, visit www.lutron.com)

 Matte
 WH BL

 Metal*
 SB BB BC QB QZ SC SN BN AU CLA BLA BRA

* To order contact Lutron Customer Service
Entire-Room Controls

2-Button Wallstation

Green status lights
Recalls preset lighting scenes/off or other function depending on configuration

4-Scene Wallstation with Off and Raise/Lower

Green status lights
Recall preset lighting scenes
Off
Raise
Lower

8-Scene Wallstation with Off and Raise/Lower

Green status lights
Recall preset lighting scenes
Off
Raise
Lower

4-Scene Wallstation with Off, Raise/Lower, and IR Receiver

Green status lights
Recall preset lighting scenes
Off/IR receiver
Raise Lower

8-Scene Wallstation with Off, Raise/Lower, and IR Receiver

Green status lights
Recall preset lighting scenes
Off/IR receiver
Raise Lower

Infrared Controls, pg.31

Infrared wireless remote controls and ceiling-mounted infrared receivers available

To order metal wallplates and engraving for elegant and easy to use controls contact Lutron Customer Service
## European Style Wallstations

*Mounts in UK/German single-gang wallbox; contact Lutron Customer Service to order. Wallplates and control buttons can be engraved.*

### 2-Button Wallstation

- **2-Button**
  - Product Functions (can be selected in the field):
    - Turns lighting on (Scene 1) and off
    - Recalls preset light levels for two scenes (9/10 or 13/14)
    - Single partition status determines which GRAFIK Eye control unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms)
    - Panic (Scene 16, lock out GRAFIK Eye manual control)
    - Sequencing (Selects Scenes 5-16 sequentially)
    - Individual zone raise/lower

### Color Palette

**Matte Finish ships in 2 wks.**
Add color suffix to model #
Example: **EGRX-2B-SL-WH**
- White
- Black

**Metal Finish ships in 4-6 wks.**
Add color suffix to model #
Example: **EGRX-2B-SL-SB**
- Satin Brass
- Bright Brass
- Bright Chrome
- Antique Brass
- Antique Bronze
- Satin Chrome
- Satin Nickel
- Bright Nickel
- Anodized Aluminum
- Clear
- Black
- Brass

### Wallplates

- Single-gang wallplate included with product.
- For replacement and metal wallplates, contact Lutron Customer Service. Multigang wallplates are not available for these products.

### Wallstation Dimensions

- **W:** 3.38” (86mm)
- **H:** 3.38” (86mm)
- **D:** 0.88” (22mm)

Depth includes wallplate and backbox. Wallplate depth is 0.48” (12mm).

---

### Controls

- Class2/PELV unless noted.

---

### Global Ordering

- For More Information:
  - www.lutron.com/grafikeye
  - Fax-on-Demand 1·800·523·9466
# European Style Wallstations

*Mounts in UK/German single-gang wallbox; contact Lutron Customer Service to order. Wallplates and control buttons can be engraved.*

### 4-Scene Wallstation with Off, Raise/Lower, and IR Receiver

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Scenes with Off, Raise/Lower and Infrared Receiver</td>
<td>EGRX-4S-IR-</td>
</tr>
</tbody>
</table>

- Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off from keypad
- Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.31
- Fine-tuning of light levels with master raise/lower buttons

**Important Information**

- **Color Palette**
  - Matte Finish ships in 2 wks.
  - Add color suffix to model #
  - Example: EGRX-4S-IR- WH
  - WH: White
  - BL: Black
- **Metal Finish ships in 4-6 wks.**
  - Add color suffix to model #
  - Example: EGRX-4S-IR- SB
  - SB: Satin Brass
  - BB: Bright Brass
  - BC: Bright Chrome
  - QB: Antique Brass
  - QZ: Antique Bronze
  - SC: Satin Chrome
  - SN: Satin Nickel
  - BN: Bright Nickel
  - Anodized Aluminum
  - CLA: Clear
  - BLA: Black
  - BRA: Brass

**Wallplates**

- Single-gang wallplate included with product.
- For replacement and metal wallplates, contact Lutron Customer Service. Multigang wallplates are not available for these products.

**Wallstation Dimensions**

- W: 3.38” (86mm)
- H: 3.38” (86mm)
- D: 0.88” (22mm)
- Depth includes wallplate and backbox. Wallplate depth is 0.48” (12mm).

Controls are Class2/PELV unless noted.

For More Information:

- www.lutron.com/grafikeye
- Fax-on-Demand 1·800·523·9466
Product Family Features

- Unique slim-button wallstations with amber status lights
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- 5-, 10-, and 15-button models provide options for controlling a wide range of lighting scenes right at your fingertips
- Available wallplate engraving makes it easy to select the right lighting scene
- Elegant when used with metal wallplates
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation

- Wire with low-voltage cable, pg.28
- Power up to three wallstations/control interfaces from a single 3000 series control unit; for more than three, use a GRX-12VDC
- Mounts individually, does not gang
- Each slim-button wallstation counts one toward system maximum 16 wallstations/control interfaces

Colors Palette (For latest color information, visit www.lutron.com)

<table>
<thead>
<tr>
<th>Matte</th>
<th>WH</th>
<th>BE</th>
<th>IV</th>
<th>AL</th>
<th>LA</th>
<th>GR</th>
<th>BR</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal</td>
<td>SB</td>
<td>BB</td>
<td>BC</td>
<td>QB</td>
<td>QZ</td>
<td>SC</td>
<td>SN</td>
<td>BN</td>
</tr>
<tr>
<td>Special</td>
<td>QA</td>
<td>QZ</td>
<td>SC</td>
<td>SN</td>
<td>BN</td>
<td>AU</td>
<td>CLA</td>
<td>BLA</td>
</tr>
</tbody>
</table>

* To order contact Lutron Customer Service
# GRAFIK Eye® 3000 Series

## Entire-Room Controls

Entire-Room Controls

## Color Palette

Color Palette

- Matte Finish ships in 2 wks.
- Add color suffix to model #
- Example: NTGRX-KP5-WH

### Wallplates

Wallplates

- Wallplate included with product.
- For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

## Important Information

### Controls are Class2/PELV unless noted.

### Global Ordering

For More Information:

- [www.lutron.com/grafikeye](http://www.lutron.com/grafikeye)
- Fax-on-Demand  1·800·523·9466

## Description | Model #
--- | ---
### Slim-Button Style Wallstations

#### 5-Slim Button Wallstation

- **Description:** 4-Scenes with Off and Raise/Lower
  - or — 5-Scenes with Full On/Off
  - • Recalls preset light levels for four scenes (1-4 or 6-9) plus off with fine-tuning — or — recalls five scenes (1-5 or 6-10) plus off with full-on (Scene 16)
  - **Dimensions:** W: 2.75”(70mm); H: 4.56”(116mm); D: 1.16”(29mm), depth includes wallplate and backbox. Wallplate depth is 0.35” (9mm). Wallbox size: single gang.

  - **Model #:** NTGRX-KP5-

#### 10-Slim Button Wallstation

- **Description:** 9-Scenes with Off and Raise/Lower
  - or — 10-Scenes with Full On/Off
  - • Recalls preset light levels for nine scenes (1-9 or 6-14) plus off with fine-tuning — or — recalls preset light levels for 10 scenes (1-10 or 6-15) plus off with full-on (Scene 16)
  - **Dimensions:** W: 2.75”(70mm); H: 4.56”(116mm); D: 1.16”(29mm), depth includes wallplate and backbox. Wallplate depth is 0.35” (9mm). Wallbox size: single gang.

  - **Model #:** NTGRX-KP10-

#### 15-Slim Button Wallstation

- **Description:** 14-Scenes with Off and Raise/Lower
  - or — 15-Scenes with Full On/Off
  - • Recalls preset light levels for Scenes 1-14 plus off with fine-tuning — or — recalls preset light levels for Scenes 1-15 plus off with full-on (Scene 16)
  - **Dimensions:** W: 4.50”(114mm); H: 4.56”(116mm); D: 1.16”(29mm), depth includes wallplate and backbox. Wallplate depth is 0.35” (9mm). Wallbox size: two-gang.

  - **Model #:** NTGRX-KP15-
GRAFIK Eye® 3000 Series
Large-Button Style Wallstations

Product Family Features
• Ergonomic, large-button wallstations with amber status lights
• For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
• Six- and nine-button models offer finger-friendly options for controlling a wide range of lighting scenes
• Available button engraving makes it easy to select the right lighting scene
• Elegant when used with metal wallplates (buttons come standard in black)
• Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation
• Wire with low-voltage cable, pg.28
• Power up to three wallstations/control interfaces from a single 3000 series control unit; for more than three, use a GRX-12VDC
• Mounts individually, does not gang
• Each large-button wallstation counts one toward system maximum 16 wallstations/control interfaces

Color Palette (For latest color information, visit www.lutron.com)

<table>
<thead>
<tr>
<th>Matte</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>BE</td>
<td>IV</td>
<td>AL</td>
<td>LA</td>
<td>GR</td>
<td>BR</td>
<td>BL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metal</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SB</td>
<td>BB</td>
<td>BC</td>
<td>Special Metal</td>
<td>QB</td>
<td>QZ</td>
<td>SC</td>
<td>SN</td>
</tr>
</tbody>
</table>

* To order contact Lutron Customer Service

Shown actual size:
Large-button style wallstation with satin nickel (SN) wallplate.
## Large-Button Style Wallstations

### 6-Large Button Wallstation

**Model #:** NTGRX-LB6-

- **5-Scenes with Off**
  - Recalls preset light levels for five scenes (1-5 or 9-13) plus off
  - **Dimensions:** W: 2.75"(70mm); H: 4.56"(116mm); D: 1.16"(29mm), depth includes wallplate and backbox.

### 9-Large Button Wallstation

**Model #:** NTGRX-LB9-

- **8-Scenes with Off**
  - Recalls preset light levels for eight scenes (1-8 or 9-16) plus off
  - **Dimensions:** W: 4.50"(114mm); H: 4.56"(116mm); D: 1.16"(29mm), depth includes wallplate and backbox.

### 4-Large Button Wallstation with Raise/Lower

**Model #:** NTGRX-LB6-RL-

- **3-Scenes with Off and Raise/Lower**
  - Recalls preset light levels for three scenes (1-3 or 9-11) plus off with fine-tuning of light levels
  - **Dimensions:** W: 2.75"(70mm); H: 4.56"(116mm); D: 1.16"(29mm), depth includes wallplate and backbox.

### 7-Large Button Wallstation with Raise/Lower

**Model #:** NTGRX-LB6-RL-

- **6-Scenes with Off and Raise/Lower**
  - Recalls preset light levels for six scenes (1-6 or 9-14) plus off with fine-tuning of light levels
  - **Dimensions:** W: 4.50"(114mm); H: 4.56"(116mm); D: 1.16"(29mm), depth includes wallplate and backbox.

### Important Information

**Color Palette**

Matte Finish ships in 2 wks.
Add color suffix to model #
Example: NTGRX-LB6-WH

- **WH** White
- **BE** Beige
- **IV** Ivory
- **GR** Gray
- **BR** Brown
- **BL** Black

**Wallplates**

Wallplate included with product.
For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

**Wallstation Dimensions**

Wallplate depth is 0.35"(9mn).
Wallbox size: single gang for 6- and 4-button and two-gang for 9- and 7-button wallstations.

Controls are Class2/PELV unless noted.

**For More Information:**

www.lutron.com/grafikeye
Fax-on-Demand 1-800-523-9466

---

**Entire-Room Controls**

**Color Palette**

Matte Finish ships in 2 wks.
Add color suffix to model #
Example: NTGRX-LB6-WH

- **WH** White
- **BE** Beige
- **IV** Ivory
- **GR** Gray
- **BR** Brown
- **BL** Black

**Wallplates**

Wallplate included with product.
For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

**Wallstation Dimensions**

Wallplate depth is 0.35"(9mn).
Wallbox size: single gang for 6- and 4-button and two-gang for 9- and 7-button wallstations.

Controls are Class2/PELV unless noted.

**For More Information:**

www.lutron.com/grafikeye
Fax-on-Demand 1-800-523-9466
GRAFIK Eye® 3000 Series
Architrave™ Style Wallstations

Product Family Features
• The GRAFIK Eye family signature, low-profile wallstation for use in door jambs and other tastefully discreet locations
• For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
• Looks best engraved in bright brass, also available in white or as a special order in other colors or finishes
• Available in slim-button and large-button models
• Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation
• Wire with low-voltage cable, pg.28
• Power up to three wallstations/control interfaces from a single 3000 series control unit; for more than three, use a GRX-12VDC
• Mounts individually, does not gang
• Each Architrave style wallstation counts one toward system maximum 16 wallstations/control interfaces

Color Palette (For latest color information, visit www.lutron.com)

* To order contact Lutron Customer Service
**GRAFIK Eye® 3000 Series**

### Entire-Room Controls

**Entire-Room Controls**

**Ships in 2 wks.**

**Color Palette**

Add color suffix to model #

Example: GRX-4S-DW-WH

- **WH** White
- **BB** Bright Brass

**Wallplates**

Wallplate included with product.

For replacement, metal, and multigang wallplates, contact Lutron Customer Service.

---

**Architrave Style Wallstations**

*Mount in custom wallbox. Controls can be multiganged. Contact Lutron Customer Service to order wallbox or multigang wallplates.*

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-Scene Slim Button Wallstation with Off and Raise/Lower</strong></td>
<td>GRX-4S-DW-</td>
</tr>
</tbody>
</table>

- Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off
- Fine tunes light levels with master raise/lower
- Bright brass (BB), white (WH) are standard; other finishes ship in 4-6 weeks

**Dimensions:** W: 1.75”(44mm); H: 4.56”(116mm); D: 1.63”(41mm), depth includes wallplate and backbox. Wallplate depth is 0.13” (3mm). Wallbox size: 1.25”(32mm) x 3.80” (97mm) x 2.75” (70mm).

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-Scene Large Button Wallstation with Off and Raise/Lower</strong></td>
<td>GRX-4SLB-DW-</td>
</tr>
</tbody>
</table>

- Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off
- Fine tunes light levels with master raise/lower
- Bright brass (BB), white (WH) are standard; other finishes ship in 4-6 weeks

**Dimensions:** W: 1.50”(38mm); H: 5.16”(131mm); D: 1.99”(51mm), depth includes wallplate and backbox. Wallplate depth is 0.13” (3mm). Wallbox size: 1.25”(32mm) x 4.40” (112mm) x 2.75” (70mm).

**Global Ordering**

For More Information:

[www.lutron.com/grafikeye](http://www.lutron.com/grafikeye)

Fax-on-Demand 1-800-523-9466
GRAFIK Eye® 3000 Series
Connectivity Products

Product Family Features

- Coordinate GRAFIK Eye 3000 Series control units with other systems:
  - Contact Closures
  - Serial Links
  - Infrared
- Automate lighting control with the astronomic timeclock
- Provide energy savings by using a daylight control and photosensor or by connecting an occupancy sensor to the system
- Programming tools simplify system installation
- Coordinate lighting and controllable window treatments
- Simple on/off entrance controls use standard 2-way wiring

Daylighting

- GRX-DACP with MW-PS-WH select scenes in response to ambient light

120V Entrance Control

- Uses standard 3- and 4-way wiring for on (Scene 1) and off control from up to 10 locations

Accessories

- 12VDC plug-in Class 2 transformer
- Low-Voltage Cables plenum and non-plenum rated
## Features/Functions

<table>
<thead>
<tr>
<th>Feature/Function</th>
<th>Contact Closures</th>
<th>Serial Links</th>
<th>Infrared</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preset Scene Control</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select Scene</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Scene Status Feedback</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td>GRX-AV pg.25</td>
<td>GRX-CCO-8 pg.25</td>
<td>GRX-RS232 pg.26</td>
</tr>
<tr>
<td><strong>Security/Life Safety</strong></td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Initiate &quot;Panic-on&quot; mode</em> - Selects Scene 16 and locks control unit to prevent manual changes and returns to previous scene when closure is removed</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Occupant Response</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inputs turn selected control units on to Scene 1 or off based on occupancy</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sequencing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Initiate a sequence loop</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td><strong>Lockout</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Zone Lock</em> - Allows intensity changes on selected control unit(s) without affecting preset scenes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Scene Lock</em> - Disables scene buttons on selected control unit(s) preventing any manual scene changes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Scheduling</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Astronomic Timeclock</em> - Four schedules with 60 events per schedule*</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>External Timeclock</em> - Scene selection through contact closure inputs*</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Zone Control</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Independent zone raise/lower</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Zone on/off status</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td><strong>Button Feedback</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td><strong>Window Treatments</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open/Close</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open/Close/Stop</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Programming Utilities</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liaison® - Windows-based programming tool for GRAFIK Eye 3500 Series</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Control Interfaces**

**Contact Closure Interface**  
GRX-AV  
- Provides two-way interface between Grafik Eye control units and contact closure devices  
- Product functions (selected in the field)  
  - Recall four scenes (1-4, 5-8, 9-12, or 13-16) plus off  
  - Enable/disable panic, scene lockout or zone lockout modes  
  - Turn lights on (Scene 1) or off based on occupancy (control up to five individual rooms), see occupancy sensors, pg.27  
  - Initiate scene (1-4 or 5-16) sequence loop  
  - Inputs determine which GRAFIK Eye control unit(s) operate independently or in combination to reflect partition status for up to five moveable walls (six rooms)  
- Five inputs and five outputs  
- Inputs and outputs can be momentary or maintained  
- Output requires external relay and power supply (30VDC maximum) by others for contact closure  
- Inputs specification:  
  - Input must be dry contact closure or open collector (NPN) with:  
    - On-state saturation voltage less than 2.0VDC  
    - Off-state leakage current less than 10 microAmps  
    - Open circuit voltage 36V maximum  
    - Short circuit current 4.0 microAmps maximum  
- Outputs specification:  
  - 38V maximum  
  - 200 microAmps maximum  
  - Open collector (NPN) output  
  - On-state saturation voltage 1.0V maximum  
  - Off-state leakage current 0.1 microAmps maximum  
- Counts toward system maximum 16 wallstations/control interfaces

**Contact Closure Output**  
GRX-CCO-8  
- Provides eight dry contact closure outputs  
- For integration to 3rd party controllable window treatments or A/V equipment  
- May be set to normally open (NO) or normally closed (NC)  
- May be set to momentary or maintained contacts  
- Depending on configuration the outputs indicate:  
  - Current scene (1-8, 9-16)  
  - Zone on/off for eight zones  
  - Open/close window treatments (4 shades)  
  - Open/close/stop window treatments (2 shades)  
- Output ratings: 0-30V, 10A and 30-42V, 0.5A  
- Counts toward system maximum 16 wallstations/control interfaces

---

Ships in 48 hrs.  
**Contact Closure and RS-232 Interface**  
**Dimensions**  
W: 5.00" (127mm)  
H: 7.75" (197mm)  
D: 2.50" (64mm)  
Mounts on a 4.00" (101mm) square utility box.

**Contact Closure Output Dimensions**  
W: 5.75" (146mm)  
H: 10.75" (273mm)  
D: 2.00" (50mm)

Controls are Class2/PELV unless noted.
### Control Interfaces

**RS-232 Interface**
- **Model #:** GRX-RS232
- Integrates GRAFIK Eye control units with user-supplied PC or A/V equipment (touchscreen) using RS-232 serial communication
- Enables control of scene selection, scene lock, sequencing, zone lock, zone raise/lower
- Can provide status monitoring through button feedback and scene-status updates
- Must be located within 50’ (15m) of RS-232 source
- Counts toward system maximum 16 wallstations/control interfaces

**Astronomic Timeclock and Programmer Interface**
- **Model #:** GRX-PRG
- Includes all features of GRX-RS232
- Built-in astronomic timeclock features four schedules with 60 events per schedule
- Programmed via PC (not included) using Lutron Liaison™ software (included, see below)
- Provides access to advanced user-programmable features when used with GRX-3500 control units such as programming scenes and system communications
- Must be located within 50’ (15m) of RS-232 source
- Only one GRX-PRG per system
- Counts toward system maximum 16 wallstations/control interfaces

**Liaison Software** (Included with GRX-PRG)
- Windows-based programming tool
- **Timeclock Events (3100 and 3500)**
  - Create/edit real time and astronomic event schedule
- **Super Sequence (3100 and 3500)**
  - Automated, synchronized dynamic scene sequence throughout the system
- **3500 System Set-up (3500 only)**
  - Program main units, accessories and power panels
  - Integrate the system for information about all connected units
  - Archive system configuration, including timeclock schedules
  - Copy system configuration to similar rooms

---

**Entire-Room Controls**

**Ships in 48 hrs.**

**Control Interface Dimensions**
- W: 5.00" (127mm)
- H: 7.75" (197mm)
- D: 2.50" (64mm)

Mounts on a 4.00" (101mm) square utility box.

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**For More Information:**
- [www.lutron.com/grafikeye](http://www.lutron.com/grafikeye)
- Fax-on-Demand 1·800·523·9466

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Controls are Class2/PELV unless noted.

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### Control Interfaces

#### Daylighting Control

**GRX-DACPI***

- Automatically selects preset scenes in response to ambient daylight
- Enforce option assures daylight sensor overrides manual control for energy savings
- Use up to three MW-PS daylight sensors in parallel or one (0-10V) daylight sensor by others
  
  **NOTE:** MW-PS ordered separately (see below)
- Class 2/PELV control wiring
- Counts as one out of 16 maximum wallstations/control interfaces

**Dimensions:**
- **W:** 8.94” (227mm); **H:** 4.56” (116mm); **D:** 2.25” (57mm); depth includes wallplate and backbox. Wallbox size: four-gang, 3.50” (89mm) deep.

### microPS™ Ceiling-Mounted Daylight Sensor

**MW-PS-WH**

- Responds to daylight and automatically lowers/adjusts light levels
- Linear response from 0 to 500 footcandles
- Easily calibrated at GRX-DACPI
- Available in white (WH) only
- Does not count as one out of 16 maximum wallstations/control interfaces

**Dimensions:**
- **Dia:** 2.59” (66mm); **D:** 2.16” (55mm); Ceiling mounted.

### Daylight Sensors:

- The notch on the daylight sensor defines the viewing direction
- Place daylight sensor so its viewing area does not extend out of the window
- Do not position the daylight sensor in the well of a skylight or above indirect fixtures
- Ensure the view of the daylight sensor is not obstructed

### Location for Average Size Areas

- **H:** Effective Window Height
- **W:** Width of Room

### Cover Options

- **A** Opaque
  - (Cover and base will match)
- **T** Translucent Black
  - (Black cover, choice of base color)

### Base Colors

- **Matte Finishes ships 48 hrs.**
  - Matte Cover Options: **A** or **T**
- **Gloss Finishes ships 4-6 wks.**
  - Gloss Cover Option: **A** only
- **Metal Finishes ships 4-6 wks.**
  - Metal Cover Option: **T** only
- **Satin Finishes ships 4-6 wks.**
  - Satin Cover Options: **A** or **T**
  - See pg.1 for complete color offering and suffixes.

### Wallplate Depth

- Depth listed with each product includes wallplate and backbox.
- Wallplate depth is 0.35” (9mm).

---

**Color Palette**

Add color suffix to model #

**Examples:**

- Translucent Cover, Opaque Base:
  - **GRX-DACPI-T-WH**
- Opaque Cover, Opaque Base:
  - **GRX-DACPI-A-WH**

**Global Ordering**

- Technical Support • 24 Hours/7 Days • 1-800-523-9466 • www.lutron.com

For More Information:

- www.lutron.com/grafikeye
- Fax-on-Demand  1·800·523·9466
## Control Interfaces

### Infrared Interface
- Integrates GRAFIK Eye control unit(s) with user-supplied infrared transmitter
- Enables control of scene selection and zone raise/lower
- Counts as one out of 16 maximum wallstations/control interfaces

Model #: GRX-IRI

## 120V Entrance Controls

### Vareo Style Wallstations
- Single Scene Wallstations (120V)
  - Toggles between Scene 1 and off
  - Use for existing 3- and 4-way retrofits; up to 10 can be wired in parallel to one control unit
  - Not for use with two-zone GRAFIK Eye control units
  - Requires 120V line-voltage
  - Does not count toward wallstations/control interface maximums

Model #: NTGRX-1S-

## Wallstation Accessories

### 12VDC Plug-In Class 2 Transformers

**Product Above:** Used with GRAFIK Eye 3000 systems when connecting more than three wallstations/control interfaces to a single control unit.
Regulated power supply capable of supplying power to a maximum of 16 wallstations/control interfaces. Input: 120V, 60Hz; Output: regulated 12VDC. Cord length is 6’.

Model #: GRX-12VDC

### Low-Voltage Cables, Non-Plenum Rated

**Product Above:** 500’ length on spool; four conductors; #18 AWG (1.0mm²) for power wires; #18 AWG (1.0mm²) for control wires. For use with GRAFIK Eye 3000 systems. Maximum length of a low-voltage cable is 2,000’. For information on cable size and distance, see “Application Note #14” on www.lutron.com.

Model #: GRX-CBL-346S-500

### Low-Voltage Cables, Plenum Rated

**Product Above:** 500’ length on spool; four conductors; #18 AWG (1.0mm²) for power wires; #18 AWG (1.0mm²) for control wires. For use with GRAFIK Eye 3000 systems. Maximum length of a low-voltage cable is 2,000’. For information on cable size and distance, see “Application Note #14” on www.lutron.com.

Model #: GRX-PCBL346S-500

---

**Entire-Room Controls**

Ships in 48 hrs.

**Color Palette**

**Matte Finish**

Add color suffix to model #

Example: NTGRX-1S-WH

- WH: White
- BE: Beige
- IV: Ivory
- GR: Gray
- BR: Brown
- BL: Black

**Wallplates**

Single-gang wallplate included with product.

**Wallstation Dimensions**

- W: 2.75” (70mm)
- H: 4.56” (116mm)
- D: 1.13” (29mm)

Depth includes wallplate and backbox. Wallplate depth is 0.30” (7.6mm).

Wallbox size: single gang

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For More Information:

- www.lutron.com/grafikeye
- Fax-on-Demand 1-800-523-9466

Global Ordering

Controls are Class2/PELV unless noted.

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GRAFIK Eye® 2000 Series
The World’s Finest Multi-Scene
Preset Lighting Control

ENTRY LEVEL MODEL

Model 2400 Control Unit
Features

- The lighting control that lets you control every light in the room, with a single touch
- Set and recall lighting scenes for the way you use your room – end the guesswork of setting your lights just right with individual dimmers and switches
- Create and recall four scenes per GRAFIK Eye control unit, expandable to eight scenes by optional remote control
- Operate with optional 4- or 8-scene infrared wireless remote controls, pg.29
- Fade times are factory preset/fixed: three seconds to on, and between scenes; 10 seconds to off
- Add up to 10 Vareo style single scene, 120V wallstations (NTGRX-15-) for a total of 11 control points on 3- and 4-zone models only

Shown: GRAFIK Eye 2000 Series 2-zone control unit with translucent black cover (T) and white base (WH) in a matte finish.

Color Palette (For latest color information, visit www.lutron.com)

Matte
WH BE IV GR BR BL GWH GAL GLA GIV

Metal
SB BB BC QB QZ SC SN BN AU CLA BLA BRA

Satin
SW BI ES TP MN BT LS ST DS TC OC HT

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**Entire-Room Controls**

**Color Palette**
Add color suffix to model #
Examples:
Translucent Cover, Opaque Base:
GRX-2402-\text{-}\text{-}-\text{WH}
Opaque Cover, Opaque Base:
GRX-2402-\text{-}\text{-}\text{-\text{-}}\text{WH}

**Cover Options**
A Opaque (Cover and base will match)
T Translucent Black (Black cover, choice of base color)

**Base Colors**

<table>
<thead>
<tr>
<th>Matte Finishes ships 48 hrs.</th>
<th>Gloss Finishes ships 4-6 wks.</th>
<th>Metal Finishes ships 4-6 wks.</th>
<th>Satin Finishes ships 4-6 wks.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matte Cover Options: $A$ or $T$</td>
<td>Gloss Cover Option: $A$ only</td>
<td>Metal Cover Option: $T$ only</td>
<td>Satin Cover Options: $A$ or $T$</td>
</tr>
</tbody>
</table>

See pg.29 for complete color offering and suffixes.

---

**Important Information**

**2000 Series Control Units**

**Incandescent, Magnetic Low Voltage**

<table>
<thead>
<tr>
<th>2-Zone Control Units*</th>
<th>2400</th>
<th>1200W/VA</th>
<th>GRX-2402-\text{-}\text{-}\text{-\text{-}}\text{WH}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: $W$: 5.56&quot; (141mm); $H$: 4.56&quot; (116mm); $D$: 2.25&quot; (57mm); Wallplate depth: $0.35&quot; (9mm). Wallbox size: two-gang, 3.50&quot; (89mm) deep.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-Zone Control Units*</th>
<th>2400</th>
<th>1500W/VA</th>
<th>GRX-2403-\text{-}\text{-}\text{-\text{-}}\text{WH}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: $W$: 7.25&quot; (184mm); $H$: 4.56&quot; (116mm); $D$: 2.25&quot; (57mm); Wallplate depth: $0.35&quot; (9mm). Wallbox size: three-gang, 3.50&quot; (89mm) deep.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4-Zone Control Units*</th>
<th>2400</th>
<th>2000W/VA</th>
<th>GRX-2404-\text{-}\text{-}\text{-\text{-\text{-}}\text{WH}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: $W$: 8.94&quot; (227mm); $H$: 4.56&quot; (116mm); $D$: 2.25&quot; (57mm); Wallplate depth: $0.35&quot; (9mm). Wallbox size: four-gang, 3.50&quot; (89mm) deep.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* **Products Above**: Single zone capacity is 800W/6.67A per zone. Combined total of all zones should not exceed maximum capacity.

**Electronic Low Voltage**

Electronic low-voltage sources require a Hi-Power 2-4-6™ dimming module.

**Fluorescent**

Lutron Hi-lume® line-voltage control electronic dimming ballasts require a Hi-Power 2-4-6 dimming module.

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For More Information:
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**GRAFIK Eye®**

**Wireless Infrared Remote Controls and Infrared Receiver**

**Product Family Features**
- Control your lights from anywhere in the room with wireless infrared remote control
- Robust 50-foot range makes these remotes useful in open floor plans
- Use infrared wireless remote control if additional wallstation is necessary and wire connection is not convenient
- 4- and 8-scene models available
- Discrete ceiling-mounted infrared receivers allow you to place control units in unseen locations then use remote controls to operate the lights from anywhere in the room

**Infrared Receiver Layout and Installation**
- Wire with low-voltage cable, pg.28
- Counts as one of three wallstations/control interfaces that can be powered from a single 3000 series control unit; for more than three, use a GRX-12VDC
- Counts as one toward system maximum of 16 wallstations/control interfaces

**Universal Remote Control**
- Lutron infrared remote control codes come pre-programmed in some universal remote controls, most learnable remote controls can be taught these Lutron codes

---

**Color Palette** *(For latest color information, visit www.lutron.com)*

- Matte
- WH
# Infrared Wireless Remote Controls

Buttons recall preset lighting scenes
- Off
- Raise/lower
- Buttons recall additional preset lighting scenes (8-scene remote control only)

# Infrared (IR) Receivers – Ceiling Mounted

Mounts flush with ceiling
- Infrared receiver

### Important Information

- Ships in 48 hrs.
- **Color Palette**
  - Matte Finish
  - Remote controls and infrared receivers available in white (WH) only.
- **Remote Control Dimensions**
  - W: 1.50" (38mm)
  - H: 5.69" (145mm)
  - D: 0.88" (22mm)
- **Infrared Receiver Dimensions**
  - Dia: 3.50" (89mm)
  - D: 3.00" (76mm)

---

### Infrared Remote Controls/Receivers

#### Infrared Wireless Remote Controls

Fine-tune light levels with master raise/lower within 50’ (15m) line-of-sight range to receiver. Does not count as one out of 16 maximum wallstations/control interfaces. Infrared frequency is 40kHz. Available in white (WH).

**4-Scene Remote Controls**
- GRX-IT-WH
  - Recalls preset light levels for four scenes plus off (scenes dependent on receiver settings); four scene selection buttons

**8-Scene Remote Controls**
- GRX-8IT-WH
  - Recalls preset light levels for eight scenes plus off (scenes dependent on receiver settings); eight scene selection buttons

#### Infrared Receivers

For use GRAFIK Eye 3000 Series only.

**Ceiling-Mounted Infrared Receivers**
- GRX-CIR-WH
  - Receives signal from infrared wireless remote control
  - Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16) plus off with 4-scene infrared wireless remote control (GRX-IT)
  - Recalls eight scenes (1-8, 5-12, 9-16, or 13-16/1-4) plus off with 8-scene infrared wireless remote control (GRX-8IT)
  - 360° reception range, 50’(15m) line-of-sight range from infrared wireless remote control to receiver
  - Mounts in 2.19"(56mm) x 2.19"(56mm) collar, provided by Lutron
  - Available in white (WH) only
  - Counts toward system maximum 16 wallstations/control interfaces