



## GRAFIK RA 2

- Convenient, wireless light and blind control
- Integrates with leading smart home brands

# Why lighting and blind control matters

In any home, lighting control has the power to be so much more than simply “on” and “off.”

Replace switches with dimmers, add motorised blinds, and lighting control can change the way your customers live.

Give them lighting and blind control, and they’ll have enhanced peace of mind, be able to create ambience, and enjoy added convenience.

Here are just a few examples of what they’ll be able to do.



## Enhance peace of mind

- Turn exterior lights on before reaching the front door and create a path of light through the entry, for a warm welcome home.
- Hear a noise in the night? Turn all lights on from the bedside.

## Create ambience

- One button press can make any room more versatile. In the kitchen, for example, adjust lights and blinds to different levels for cooking, a quiet dinner, and cleaning up.
- In the living room, lower lights and close blinds as the opening credits of a movie start to roll.

## Add convenience

- Control lights and blinds from anywhere in a room.
- Need more light for reading? Brighten lights without getting up off the couch.
- Ready to settle down for the night? Turn all lights off without getting out of bed.
- Voice control using the Amazon Alexa and Google® Assistant smart home speakers.



## A simple solution

Lighting and blind control doesn't have to be complicated. GRAFIK RA 2 is a straightforward system that can deliver those benefits, and much more.

# What is GRAFIK RA 2?

GRAFIK RA 2 is a single area, wireless light and blind control solution. This comprehensive system is comprised of light controls, keypads, sensors, and blinds. It's ideal for new construction or major renovation in smaller residential spaces and can be expanded to join multiple areas into a single system.



## Installer benefits

### **Easy to design**

- No new wiring required
- No extra space needed for equipment panels
- Graphical software tracks bill of materials and documents design

### **Easy to install**

- No extra panels required for enclosures
- Battery-powered remote controls, occupancy/vacancy sensors, and wireless blinds can be added after the final fit-out
- Main repeater and a Connect Bridge can be located with the home network router

### **Easy to program**

- Intuitive drag and drop style programming software
- Individual button programming
- Integration drivers available for most major home automation systems
- Simple online and classroom based training courses available



## Homeowner benefits

### Convenience

- Light, blind, and temperature control from anywhere, at the touch of a button
- Schedule lights, blinds, and temperature to automatically adjust using the Lutron Connect app

### Ambience

- Create just the right mood for any activity

### Integration with leading brands

- Amazon Alexa
- Apple® HomeKit™
- Google® Assistant
- Nest
- Sonos

### Easy to use and adjust

- Apple and Android Widgets
- Make changes directly within the mobile app

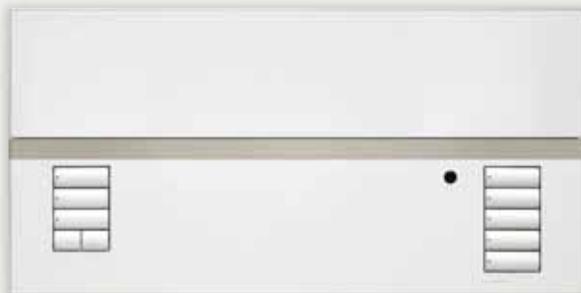


Lutron Connect app

# System components

## Light controls

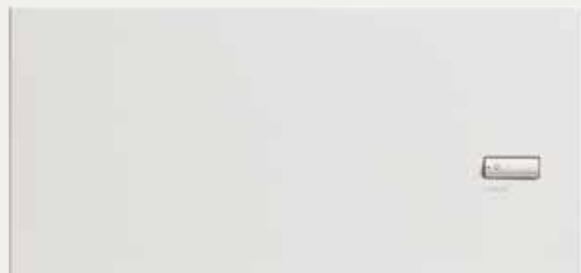
Light controls are the basic building blocks for the GRAFIK RA 2 system.



**GRAFIK Eye QS Wireless control units** provide integrated control of multiple groups of lighting fixtures and shading groups within a single room. Individual lighting loads and blind groups can be controlled directly from the unit's controls, which are hidden below a hinged cover. GRAFIK Eye QS Wireless also provides proven, reliable, LED dimming technology. Available in a wide variety of button configurations, colours and finishes, and custom engraving options.



**RF modules** provide integrated control of multiple loads. Module types include relay, 0-10V dimming, and low voltage contact closure output.



**Wallbox power modules** provide integrated control of multiple groups of lighting fixtures using proven, reliable LED technology.

## Keypads

Use tabletop keypads and handheld controls to adjust lights and blinds. Available in a wide variety of button configurations, colours and finishes, and custom engraving options.



**seeTouch tabletop keypads** are powered by standard AAA batteries or a plug-in adapter (sold separately). Tabletop keypads provide convenient, portable system control with backlit buttons and personalised engraving.



Wall mount



Handheld

**Pico wireless controls** are battery-powered remote controls that can be mounted to any wall surface, placed on a pedestal for tabletop use, or used as a handheld control. The wall-mount option provides the convenience of additional “2-way” control of lights, audio, and blinds with no new wiring.



# System components

## Occupancy/vacancy sensors

Sensors deliver automated energy savings and added convenience. Radio Powr Savr sensors are battery powered and can be installed without the need for any wiring.



**Radio Powr Savr wireless occupancy/vacancy sensors** work with GRAFIK RA 2 lighting controls to turn lights on when people enter the room and turn lights off automatically when the room is empty. Available in ceiling, corner, and hallway mount configurations.

## Behind the scenes

System repeaters are required for system setup and operation. They create a wireless network in the home and ensure reliable performance. The Lutron Connect Bridge, together with the Connect app, provide a suite of cloud-connected, smart home features.



**The main repeater** provides open integration with other systems, devices, and the Web. Its astronomic timeclock provides system control based on time of day, as well as sunrise/sunset. A main repeater is required for system setup and operation.



**The auxiliary repeater** extends the system RF range in larger applications, outdoor spaces, and between buildings. It can be used wirelessly within the home or be wired to another repeater to span longer distances.



**The Lutron Connect Bridge** features include free remote access for mobile apps and system timeclock synchronisation with internet time servers. The bridge provides integration with Amazon Alexa, Apple® HomeKit™, Google® Assistant, Next, Sonos, and more.

## Sivoia QS Wireless and Sivoia QS Triathlon blinds

Sivoia QS Wireless and Sivoia QS Triathlon blinds offer ultra-quiet, precision control of Lutron window treatments at the touch of a button. Sivoia QS Triathlon blinds are battery-powered which makes them perfect for retrofit applications.\*



**Roller blinds** provide precision control of daylight with near-silent operation and minimal, symmetrical light gaps of 19mm on each side. Available in a variety of sheer, dim-out, and blackout fabrics.



**Honeycomb blinds** offer superior insulation with a honeycomb design in elegant textures and colours.



**Wood blinds** deliver precision alignment of both tilt and lift position. They are an attractive way to ensure privacy, while still allowing sunlight to filter a space.



**Complete drapery systems** offer pinch pleat or ripple fold style options.



**The Kirbé vertical drapery system** smoothly pulls fabric up and completely out of the way, an industry first.



**Tensioned blinds** reliably control daylight and heat gain through skylights and angled windows. They can be installed at a variety of slopes to provide bottom-up angled window and skylight solutions.

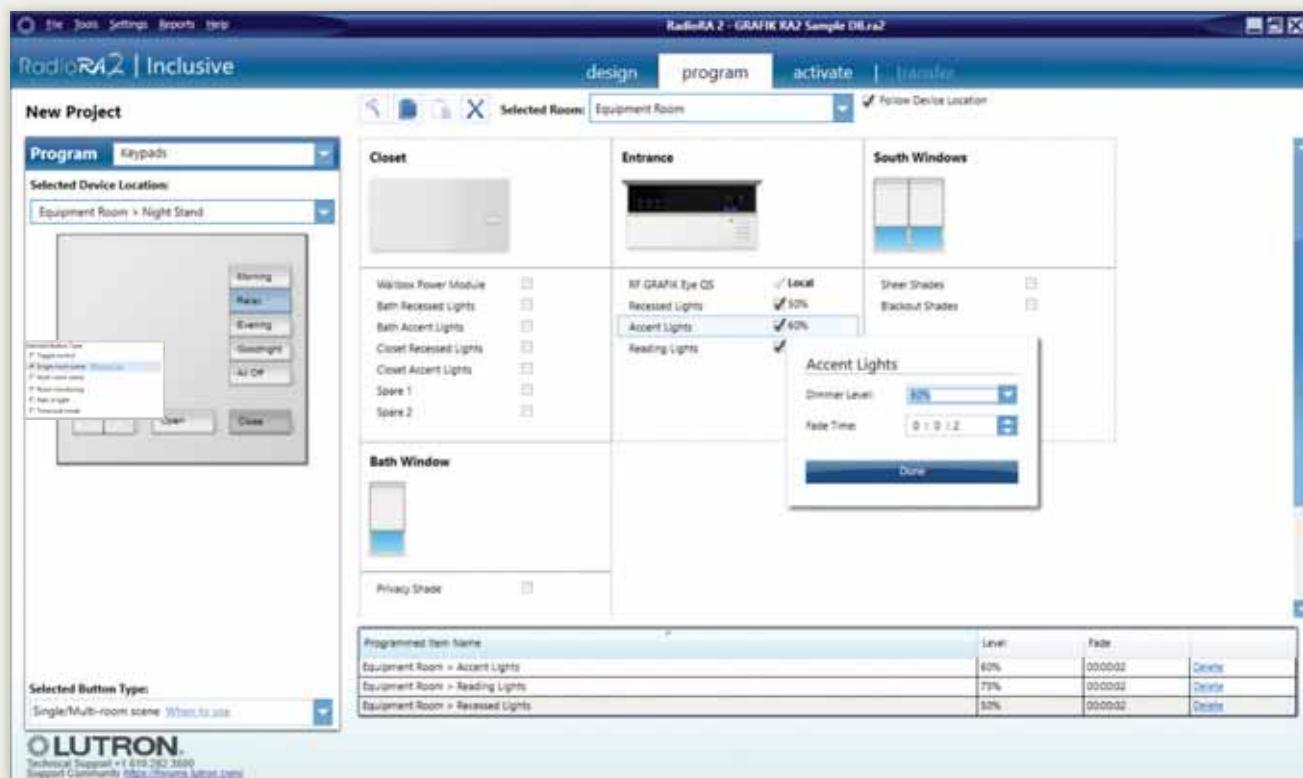
\* Sivoia QS Triathlon available in roller and honeycomb styles only.

# Easy installation and programming

GRAFIK RA 2 provides PC-based programming with an intuitive setup tool that saves time on larger projects.

## Four easy steps to PC program GRAFIK RA 2:

- 1 Design system by placing components in rooms
- 2 Program keypad buttons by assigning lights and blinds and defining levels
- 3 Activate system devices
- 4 Transfer system programming to main repeater



Screen shot of the PC setup tool for design and programming

## Remote control and monitoring

The Lutron Connect app lets users control and monitor their GRAFIK RA 2 system right from a mobile device, whether home or away. The app supports multiple GRAFIK RA 2 systems—perfect for users with multiple residences.

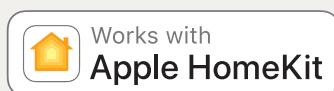
The app also supports a HomeGlance dashboard and the ability to adjust scenes, timeclock, and thermostat programming.

Full two-way functionality allows an iPhone®, iPod touch®, iPad®, Apple Watch®, or Android™ device to update in real time when dimmers or keypads are adjusted in the home.



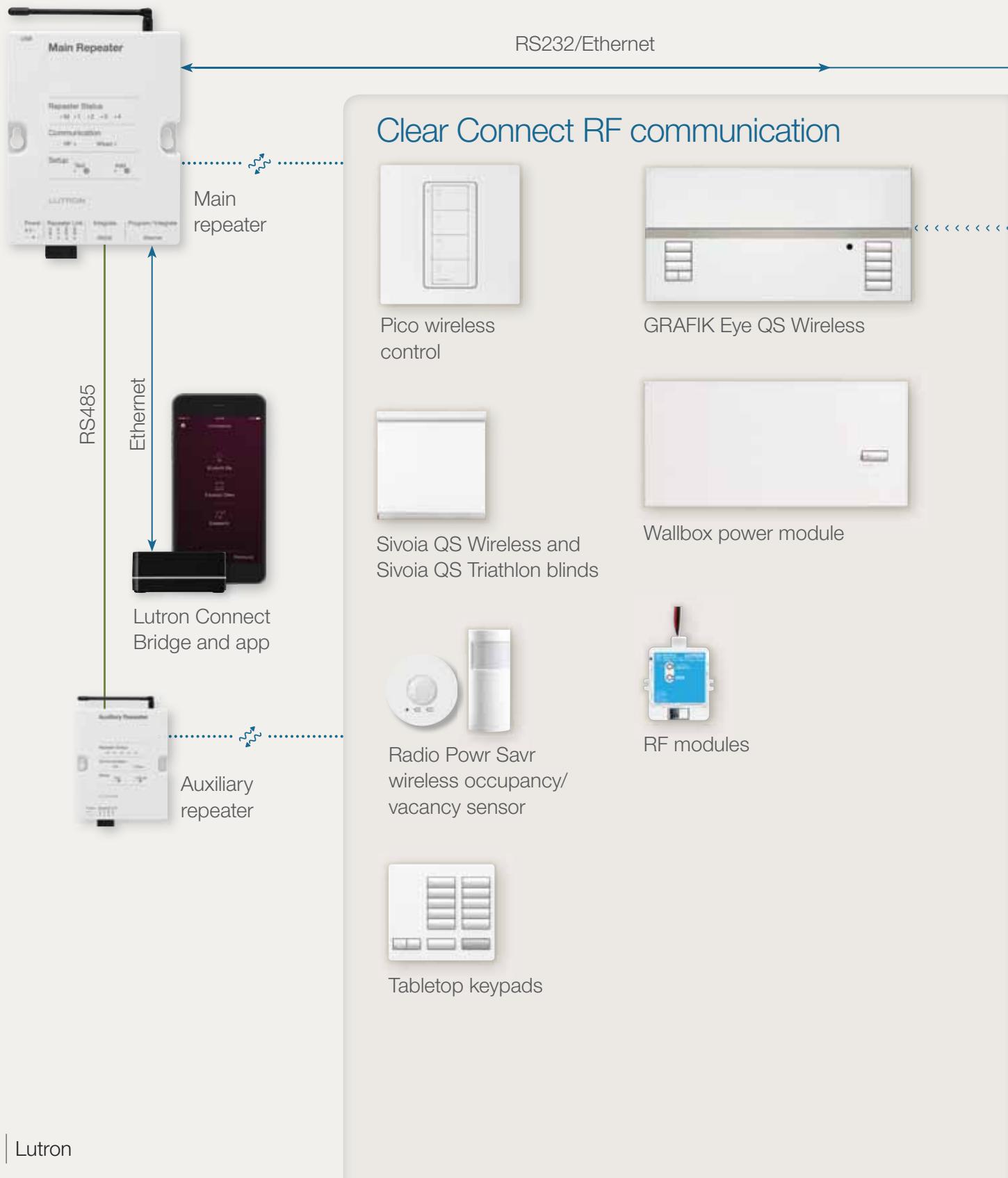
## Integration

The Lutron Connect app enables setup and editing of Amazon Alexa, Apple® HomeKit™, Google® Assistant, Nest, and Sonos integration.



# Open integration

GRAFIK RA 2 can be integrated with popular control and automation systems. By utilising standards such as TCP/IP, and providing well-documented integration communication protocols, Lutron ensures that its products work as well in integrated environments as they do in stand-alone systems.

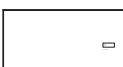


## Non-Lutron devices



Lutron works with many other manufacturers to ensure that our systems integrate reliably with a wide variety of control and automation systems.

# Ordering information

Product	Name	Model Number	Specifications/Descriptions
<b>System Repeaters</b>			
	Main repeater	RRK-MAIN-REP-WH	Main repeater with astronomic timeclock, RS232 and Ethernet ports
	Auxiliary repeater	RRK-AUX-REP-WH	Auxiliary repeater
<b>Connect Bridge</b>			
	Connect Bridge	CONNECT-BDG2-3	Connect Bridge allows control from smart devices
<b>RF Modules</b>			
	RF modules	LMK-R-DV-B	16A RF relay module with Softswitch
		LMK-5T-DV-B	PWM/0-10V RF dimming module
		LMK-CCO1-24-B	Contact closure output RF module
<b>Load Controls</b>			
	GRAFIK Eye QS wireless control unit		Allows control of multiple groups of lighting fixtures and blinds within a single room
	Wallbox power module		Integrated control of multiple groups of lighting fixtures
<b>Sensors</b>			
	Sensors	LRF3-OCR2B-P-WH	Ceiling-mount occupancy/vacancy sensor
		LRF3-OKLB-P-WH	Corner-mount occupancy/vacancy sensor
		LRF3-OHLB-P-WH	Hallway occupancy/vacancy sensor
		LRF3-OWL-B-P-WH	Wall-mount occupancy/vacancy sensor

Product	Name	Model Number	Specifications/Descriptions
<b>Keypads</b>			
		RRK-T5RL-XX	5-button with column raise/lower — Snow (SW) or Midnight (MN)
	seeTouch tabletop keypads	RRK-T10RL-XX	10-button with column raise/lower — Snow (SW) or Midnight (MN)
		RRK-T15RL-XX	15-button with column raise/lower — Snow (SW) or Midnight (MN)
	4-button Pico remote control	PK2-4B-T _ _ -L01*	4-button Pico available with standard or customised engraving — Arctic White (AW) or Black (BL)
	2-button Pico remote control	PK2-2B-T _ _ -L01*	2-button with light icon engraving — Arctic White (AW) or Black (BL)
	2-button with raise/ lower Pico remote control	PK2-2BRL-T _ _ -L01*	2-button with raise/lower and light icon engraving — Arctic White (AW) or Black (BL)
	3-button with raise/ lower Pico remote control	PK2-3BRL-T _ _ -L01*	3-button with raise/lower and light icon engraving — Arctic White (AW) or Black (BL)
		PK2-3BRL-T _ _ -A02	3-button with raise/lower and audio icon engraving — Arctic White (AW) or Black (BL)
<b>Remote Control Accessories</b>			
		L-PED1- _ _	Single pedestal — White (WH) or Black (BL)
	Tabletop pedestals	L-PED2- _ _	Double pedestal — White (WH) or Black (BL)
		L-PED3- _ _	Triple pedestal — White (WH) or Black (BL)
		LPFP-S1-T _ _	Single opening — Arctic White (AW) or Black (BL)**
	Faceplates for Pico remote control	LPFP-S2-T _ _	Dual opening — Arctic White (AW) or Black (BL)**
<b>Motorised Blinds</b>			
	Please visit <a href="http://lutron.com/europe">lutron.com/europe</a>		

\* Additional styles of Pico available

\*\* Wallplates also available in metal and glass finishes

# A history of sustainability, innovation, and quality



At Lutron, sustainability is not new to us. Since 1961, we have been designing industry-leading technology that saves energy and reduces greenhouse gas emissions, and are a proud member of the U.S. Green Building Council.

Lutron is a company built on a belief in taking care of the customers, employees, and the community. We innovate in advance of emerging market needs and continually improve our quality, our delivery, and our value.

Lutron owns over 2,000 patents worldwide and manufactures more than 15,000 products. For over 55 years, we have met and exceeded the highest standards of quality and service. Every one of our products is quality-tested before it leaves the factory.

## Global service and support

You can count on a level of support unequaled anywhere in the industry, including 24/7 technical phone support.

## For help saving energy on your next project

**Call Lutron today at +44 (0) 207 702 0657** and you will be connected to a Lutron representative who will be able to provide you with a plan of action for your application.

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