HOMEWORKS QS
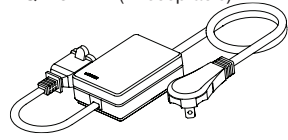
Installation Instructions
Please Read Before Installing

RF Plug-In Modules
Dimming Module: HQR-3PD-1
Appliance Module: HQR-15APS-1
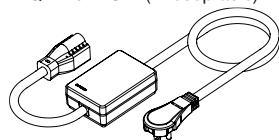120 V~ 50/60 Hz
Typical Power Consumption*: 0.3 W

HQR-3PD-1 (1 receptacle)   HQR-15APS-1 (1 receptacle)

Use these instructions to install the model numbers listed above.

Load Specifications:

Control	Load Type		Min. Load	Max. Load
HQR-3PD-1		Incandescent, Halogen	10 W	300 W
		MLV	10 W/VA	200 W / 300 VA
		CFL, Fluorescent, ELV (Switching Mode Only)	10 W	300 W
HQR-15APS-1		General purpose	None	1/2 HP 15 A

Important Notes

⚠ **WARNING - Entrapment Hazard -** To avoid the risk of entrapment, serious injury, or death, these controls must not be used to control equipment which is not visible from every control location or which could create hazardous situations such as entrapment if operated accidentally. Examples of such equipment which must not be operated by these controls include (but are not limited to) motorized gates, garage doors, industrial doors, microwave ovens, heating pads, etc. It is the installer's responsibility to ensure that the equipment being controlled is visible from every control location and that only suitable equipment is connected to these controls. Failure to do so could result in serious injury or death.

NOTICE: To avoid overheating and possible damage to other equipment, do not use HQR-3PD-1 to control motor-operated or transformer-supplied appliances or other non-lighting loads. Always use a light bulb that remains within the wattage rating of the light fixture.

Codes: Install in accordance with all local and national electrical codes.

Environment: Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.

Cordset: The cordset has a plug on a 24 in (610 mm) cord and a receptacle on a 6 in (152 mm) cord.

Cleaning: To clean, wipe with a clean damp cloth. **DO NOT** use any chemical cleaning solutions.

Load Type: HQR-3PD-1 is designed to dim one incandescent, magnetic low-voltage, or tungsten halogen table or floor lamp. HQR-3PD-1 can be configured through the *HomeWorks* QS software to switch a compact fluorescent, fluorescent, or electronic low-voltage load. Use with lighting loads only. Do not use to control a lamp that contains an integral dimmer or a touch lamp. For a lamp with an integral 3-way switch, the switch should be set to full on position. HQR-3PD-1 may not work with dioded light bulbs. Always use a load that complies with the **Load Specifications** table above. Always use a light bulb that remains within the wattage rating of the light fixture.

The HQR-15APS-1 is designed to switch general purpose loads (lighting, non-lighting, motor-operated, or transformer supplied appliances). Total connected load can not exceed 1/2 HP, or 15 A.

Low-Voltage Applications: HQR-3PD-1 can be used with magnetic (core and coil) low-voltage transformers in both dimming and switching modes. Use with electronic (solid-state) low-voltage transformers in switching mode only. Operation of a low-voltage circuit with light bulbs inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:

a. Do not operate low-voltage circuits without operative light bulbs in place.

b. Replace burned-out light bulbs as soon as possible.

c. Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.
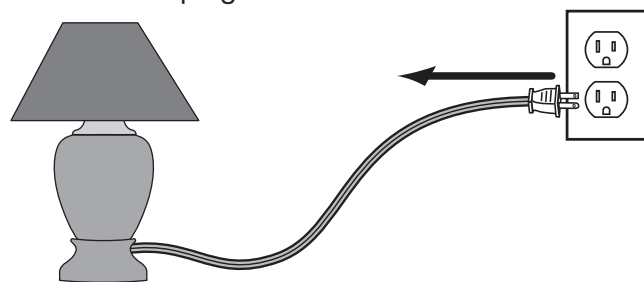
RF Device Placement: RF devices must be located within 30 ft (9 m) of an RF signal repeater.

*Typical Power Consumption test conditions: load is off, nightlight mode enabled.
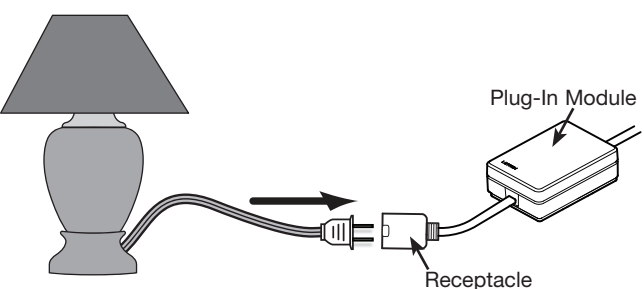
Technical Assistance:
U.S.A./Canada: 1.800.523.9466
Mexico: +1.888.235.2910
Other Countries: +1.610.282.3800
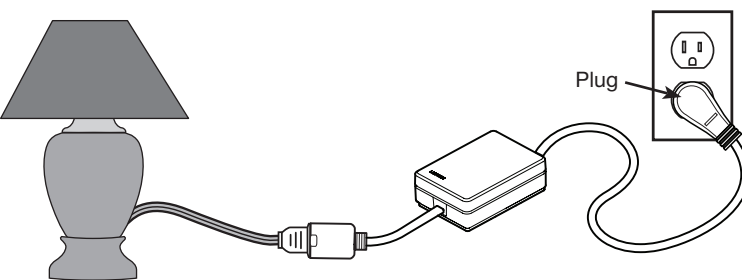24 hours a day, 7 days a week.

Installation

1. Turn the power switch on the load to the OFF position.
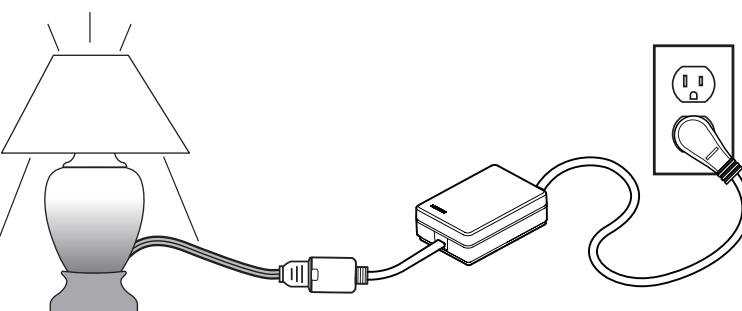
2. Remove the plug from the wall outlet.

3. Insert the plug into a Plug-In Module receptacle.

Plug-In Module

Receptacle

4. Insert the Plug-In Module plug into any standard wall outlet.

Plug

5. Turn the power switch on the load to the full ON position.
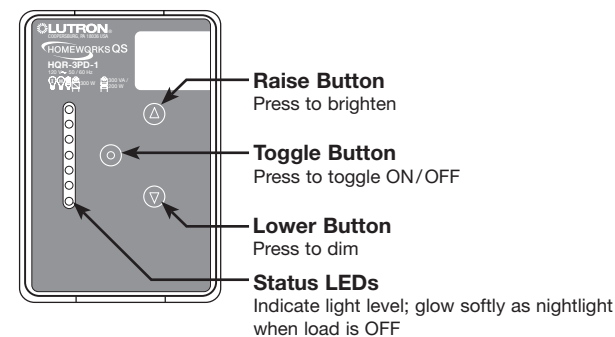
6. Verify operation. See **Dimming Module Operation** and **Appliance Module Operation**.

NOTE: HQR-3PD-1 contains a **POLARIZED** cord set. It has a polarized plug (one blade is wider than the other) and receptacle (one slot is wider than the other).
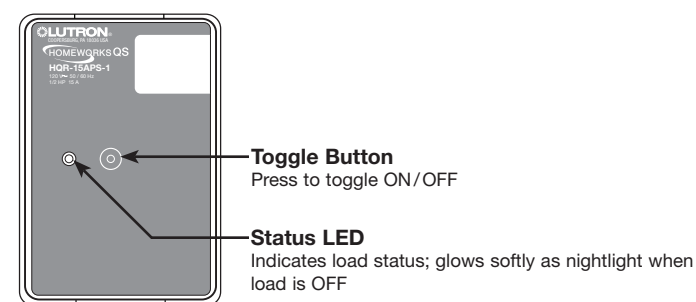
The polarized plug is not intended to be mated with non-polarized outlets (having both slots the same size).

The polarized receptacle is intended to mate with a polarized plug in only one way (the longer slot with the wider blade).

Dimming Module Operation

Raise Button
Press to brighten

Toggle Button
Press to toggle ON/OFF

Lower Button
Press to dim

Status LEDs
Indicate light level; glow softly as nightlight when load is OFF

Appliance Module Operation

Toggle Button
Press to toggle ON/OFF

Status LED
Indicates load status; glows softly as nightlight when load is OFF

⚠ **WARNING - Shock Hazard -** To avoid the risk of electrical shock, do not open, cut cord, or rewire the Plug-In Module. Modification of the module can result in personal injury or death.

⚠ **WARNING - Shock Hazard -** To avoid the risk of electrical shock, unplug the Plug-In Module when changing light bulbs. Changing light bulbs with the power on could result in personal injury or death.

Returning a Plug-In Module to Factory Settings

NOTE: Returning a Plug-In Module to its factory settings will remove it from the system and erase all programming.

Step 1 : Triple tap and hold the toggle button **DO NOT** release after the third tap.

Step 2 : Continue to hold the toggle button on the third tap until the LED(s) start to scroll up and down (3PD) or flashes (15APS) quickly. (approximately 3 seconds)

Step 3 : Release the toggle button and immediately triple tap it again. The LED(s) will scroll up and down (3PD) or flash (15APS) slowly.

When the LED(s) stop scrolling/flashing the Plug-In Module has been returned to factory settings.

Troubleshooting Guide

Symptom	Probable Cause and Action
Load does not turn ON, but LEDs on the Plug-In Module are ON	**Load is turned OFF** • Turn the power switch on the load to the full ON position.
	Light bulbs are burned out or not installed • Replace or install light bulbs.
	Dioded light bulbs • Replace with non-dioded light bulbs.
Load does not turn ON, and the LEDs on the Plug-In Module are OFF	**Breaker is OFF or tripped** • Turn circuit breaker ON.
	Cord is not plugged in • Plug cord into wall outlet as shown in **Installation**.
Load turns ON and OFF continuously	**Load is less than minimum load requirement** • Make sure the connected load meets the appropriate minimum load requirement. See **Load Specifications**.
Dimming Module does not dim properly	**Lamp has an integral dimmer** • Use lamp without an integral dimmer.
	3-way switch on lamp is not set to full ON, • Turn 3-way switch on the lamp to full ON.
Plug-In Module is warm	**Solid-state control dissipation** • Plug-in Modules dissipate a small percentage of the total connected load. It is normal for the Plug-In Module to feel warm to the touch during operation.
Load does not turn ON/OFF from a keypad	Verify other lights or system devices respond to that keypad. If not, the issue may not be with the Plug-In Module but may be the keypad or system.
	Device is not communicating with the system • Device is out of range of an RF signal repeater. • The device is in the Factory Default Settings mode and has not been activated into the system. Use the *HomeWorks* QS software to verify activation or re-activate the device and transfer its database.
	Device is not properly programmed • Program device using the *HomeWorks* QS software.

Warranty:
For warranty information, please see the enclosed Warranty, or visit www.lutron.com/resiinfo

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