HOMEWORKS
interactive

HOMEWORKS

HW-RPM-4U-120, HW-RPM-4S-120

Installation Instructions

Remote Power Module, 4 Circuits, 120V

1. **Turn power off to all feeds to the panel.**

   Danger - This panel may be fed by multiple circuits. Locate and lock each supply circuit breaker in the off position before proceeding.

2. **Install the module's wires** into the appropriate terminal blocks and secure using 3.5 to 5 in-lbs (.4 to .56 Nm) of torque (See Figure 1).

   Danger - Modules are not approved to be used anywhere other than in a HomeWorks or HomeWorks Interactive panel (HW-PNL8, HWI-PNL-8 or HWI-PNL-5).

3. **Mount the module into the rough-in panel.** Start with position 1, then 2, then 3, etc. Do not overtighten screws, torque to 20 in-lbs (2.25 Nm) maximum For HomeWorks Interactive systems, refer to Figure 2. For original HomeWorks, refer to Figure 3.

4. **Connect the control harness** (provided with the HomeWorks processor, HomeWorks Interactive processor or Module Interface) to the module at the four pin connector.

5. **Check that all bypass jumpers are installed.** They will distribute power to each load and should not be removed until after all modules and loads are fully installed and proven.

6. **Turn on input feed circuit breakers and check that they do not trip.** Each module is rated for a total combined maximum load of 16A (1920 Watts).

   Danger - Only turn on input feed circuit breakers when load wiring is complete and it is safe to have power applied.

7. **For any feed circuit breaker that trips,** locate the shorted load and resolve the wiring problem before proceeding.

8. **Turn power OFF to all feeds to the panel.**

9. **Loosen all five screws on the bypass jumpers.**

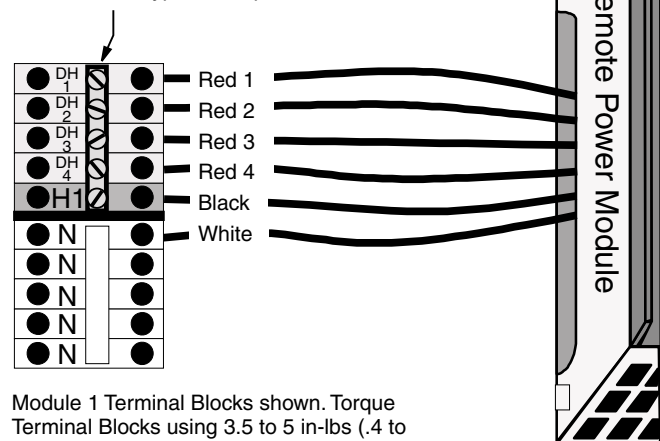10. **Remove and store the bypass jumpers** for possible later use.

    Caution - Bypass jumpers must be reused whenever a circuit breaker is turned OFF to work on a load. Damage caused by short circuits and miswiring **IS NOT COVERED** by the product warranty.

11. **Turn ON input feed circuit breakers and check that they do not trip.**

12. **For any feed circuit breaker that trips,** locate the shorted load and resolve the wiring problem before proceeding.
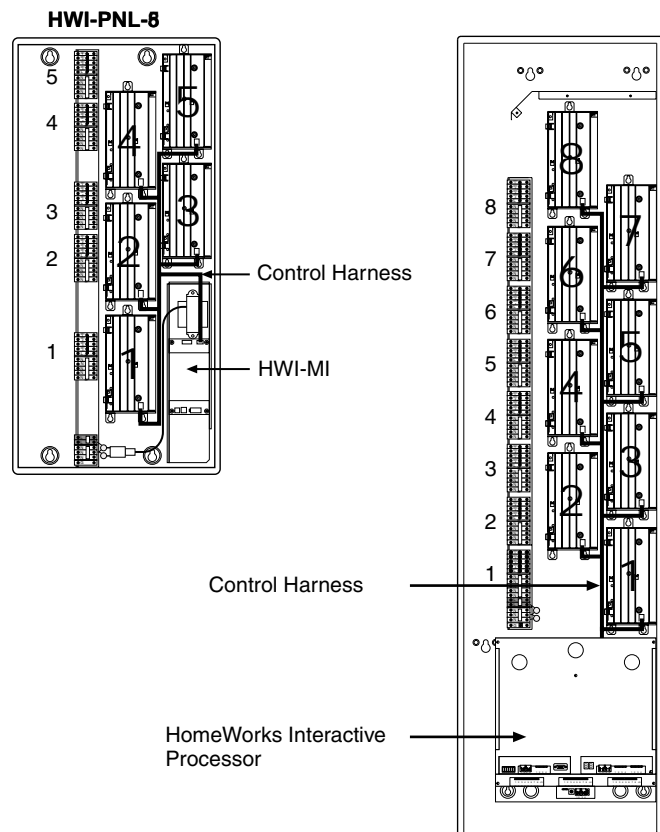
Figure 1 - Remote Power Module Wiring

Module 1 Terminal Blocks shown. Torque Terminal Blocks using 3.5 to 5 in-lbs (.4 to .56 Nm). DO NOT overtighten.

Figure 2 - Mounting Location in HWI-PNL-5 or HWI-PNL-8

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13. **Use the Address Switch to check the operation of each module.** See Table 1.
14. **Set each address switch** to match the module's position (set module 1's address switch to 1, etc.).
15. After the HomeWorks or HomeWorks Interactive system is programmed, **check each module's diagnostic LED** (light emitting diode). See Table 2.

Table 1 - Address Switch Operation

Position	Proper Module Output / Purpose
0	Internal relay ON, no output to load
1–8	Address for normal operation
9, A	Not Used
B	Red 1's output ON Full / Use to check wiring
C	Red 2's output ON Full / Use to check wiring
D	Red 3's output ON Full / Use to check wiring
E	Red 4's output ON Full / Use to check wiring
F	All outputs ON Full / Use for temporary lighting

Table 2 - Diagnostic LED Status

LED Status	Possible Cause
Off	No Power or Defective Module
1 blink per sec.	Normal Operation "Heartbeat"
1 blink per 7 seconds "Lighthouse"	Not communicating with processor: open control harness; module receiving invalid load type; module set on invalid or diagnostic address; system not properly configured or addressed in programming software
4 blinks, then 4 second pause, then 4 blinks…	Module in override mode

Figure 3 - Mounting Location in HW-PNL8

HW-PNL8

HW-RPM-4U-120 or HW-RPM-4S-120 Remote Power Module

Diagnostic LED
Address Switch
4-Pin Connector

HomeWorks Processor (HW-MA-8-120)

Control Harness - connects to pins 1 and 3 of Bus 14.

Technical and Sales Assistance

If you need assistance, call the toll-free *Lutron Technical Assistance Hotline*. Please provide exact model number when calling.
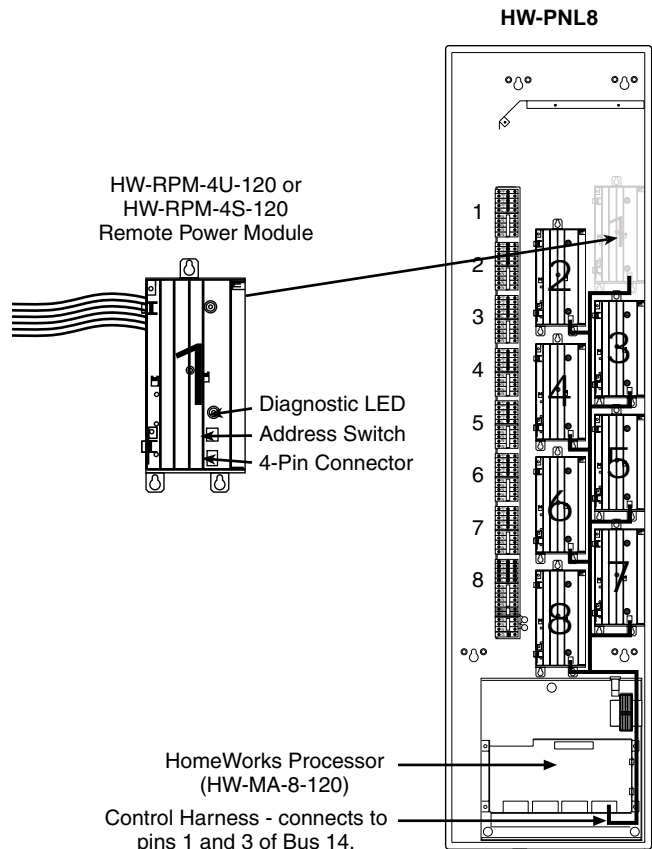(800) 523-9466 (U.S.A., Canada and the Caribbean)
Other countries call:
Tel: (610) 282-3800
Fax: (610) 282-3090
Visit our Web site at www.lutron.com

Warranty

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