

### Features

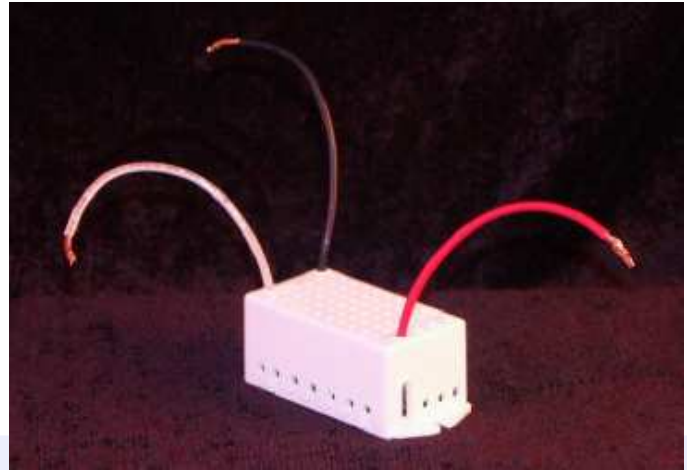
- UPB compliant
- Fits into existing outlet box, or can be mounted to other surfaces using screws or ties
- Enables UPB control even if there is no neutral at the switch location
- Stronger signal strength
- Increased electrical noise resistance
- Utilizes existing electrical wiring—retrofits easily in existing homes

### UPB Benefits

- Higher reliability
- Lower system cost
- Individual home selective (no crossover/interference from adjacent homes)
- Easily configurable

### Applications

- Dimming
- Appliance control
- Add control where switches don't exist or where there is no neutral at the switch
- Control lighting operation based upon time and/or event programming when connected to a Web Mountain NetPlace server



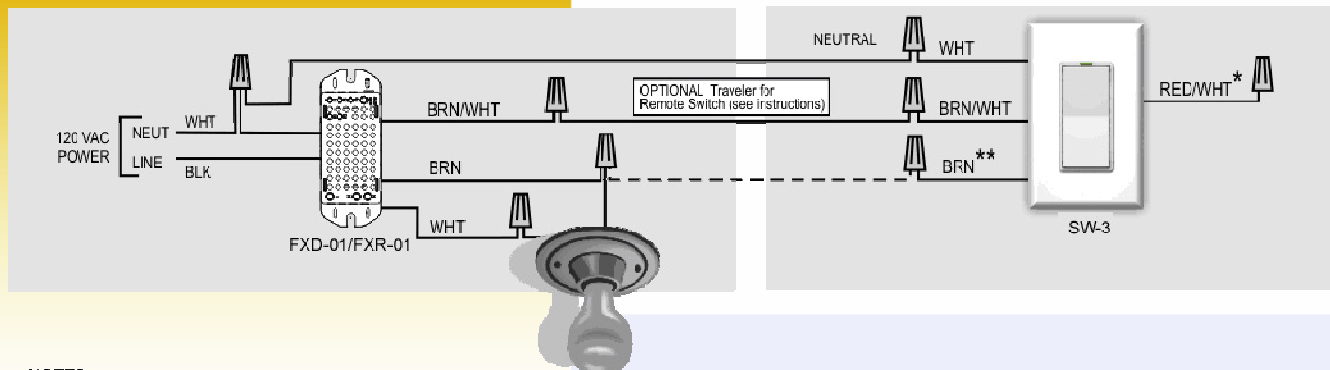
The **FXD-01** (fixture dimmer module) and **FXR-01** (fixture relay module) are wire-in fixture modules designed to control the operation of lighting and 120VAC appliances based on digital commands received over the powerline. These modules communicate using the highly reliable Universal Powerline Bus (UPB) technology. UPB devices such as these are easily integrated to provide a flexible, low-cost alternative to hardwired or RF home automation strategies.

- Model **FXR-01** delivers on/off control for lighting and appliances up to 12A.
- Model **FXD-01** delivers on/off and dimming control for lamps and lights up to 300W.

These modules fit easily inside a standard outlet box, or they can be mounted to other surfaces using screws or ties. Fixture modules connect directly to the existing household power wiring. The devices connected to the module can be operated manually using a UPB wall switch or multi-button controller, or automatically via Web Mountain's NetPlace residential server.

NOTE: To assure consistently reliable operation, we recommend a UPB phase coupler for every installation.

## INSTALLATION WITH OPTIONAL REMOTE SWITCH (Using SW-3 Dedicated Remote Switch)



**NOTES:**

- \* CAP UNUSED BRN/WHT AND/OR RED/WHT WIRES TO PREVENT SHOCK OR SHORTING.
- \*\* CONNECT THE BROWN WIRE (BLACK ON SOME MODELS) OF THE SW-3 AS SHOWN TO ENABLE OPERATION OF THE LED INDICATOR. THIS WIRE IS NOT REQUIRED FOR SWITCH OPERATION AND CAN BE OMITTED IF A THIRD WIRE IS NOT AVAILABLE. CAP BROWN WIRE IF NOT USED.

Specifications	
Model Name	Fixture Modules
Model Number	FXD-01/FXR-01
Case	Standard outlet box or other surfaces
Dimensions	1.2"D X 1.4"W X 3.6"H
Net Weight	6 oz.
Protocol	UPB
Output Type	FXD-01: Triac, 25A / FXR-01: Contact closure
Input Voltage	120V AC +/- 10%, 60 Hz
Standard Applications	UPB home automation and control; lighting, appliances
Dimming	FXD-01: 0 to 100% / FXR-01: No
Maximum Load	FXD-01: 300 W (max), 60W (min) / FXR-01: 12A or 1/3 HP motor
Connections	#14 AWG stranded pigtails, 6"
Certifications	UL
Operating Temperature	0° to +50°C / 30° to 120°F

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