



SIMPLEWORK PMT-CC Plug-In Module User Guide

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SIMPLEWORK PMT-CC Plug-In Module



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MODELS:

- PMT-CC – Plug-In Module Transmitter – Contact Trigger
- PMR-AC – Plug-In Module Relay – 120V
- PMR-CC – Plug-In Module Receiver– Contact Closure

FUNCTION

SimpleWorx products are designed to provide simple remote control for lighting and other electrical loads without having to run any new wiring. They connect (or “link”) to one another by communicating over the existing electrical power wires.

One Transmitter can be linked to as many Receivers as you like. Each Receiver can be linked to eight Transmitters.

The PM Series Plug-In Modules (**Figure 1**) allow for a contact closure to trigger a PMT-CC Transmitter and remotely control the load of any SimpleWorx receiving device (like a PMR Plug-In Module Relay). Once the PMT is “linked” to a load controlling SimpleWorx receiver (refer to “Linking a Transmitter to a Receiver”) it is capable of controlling the receiver’s load just as if it were its own load.



PMT-CC/PMR-CC



PMR-AC

Figure 1

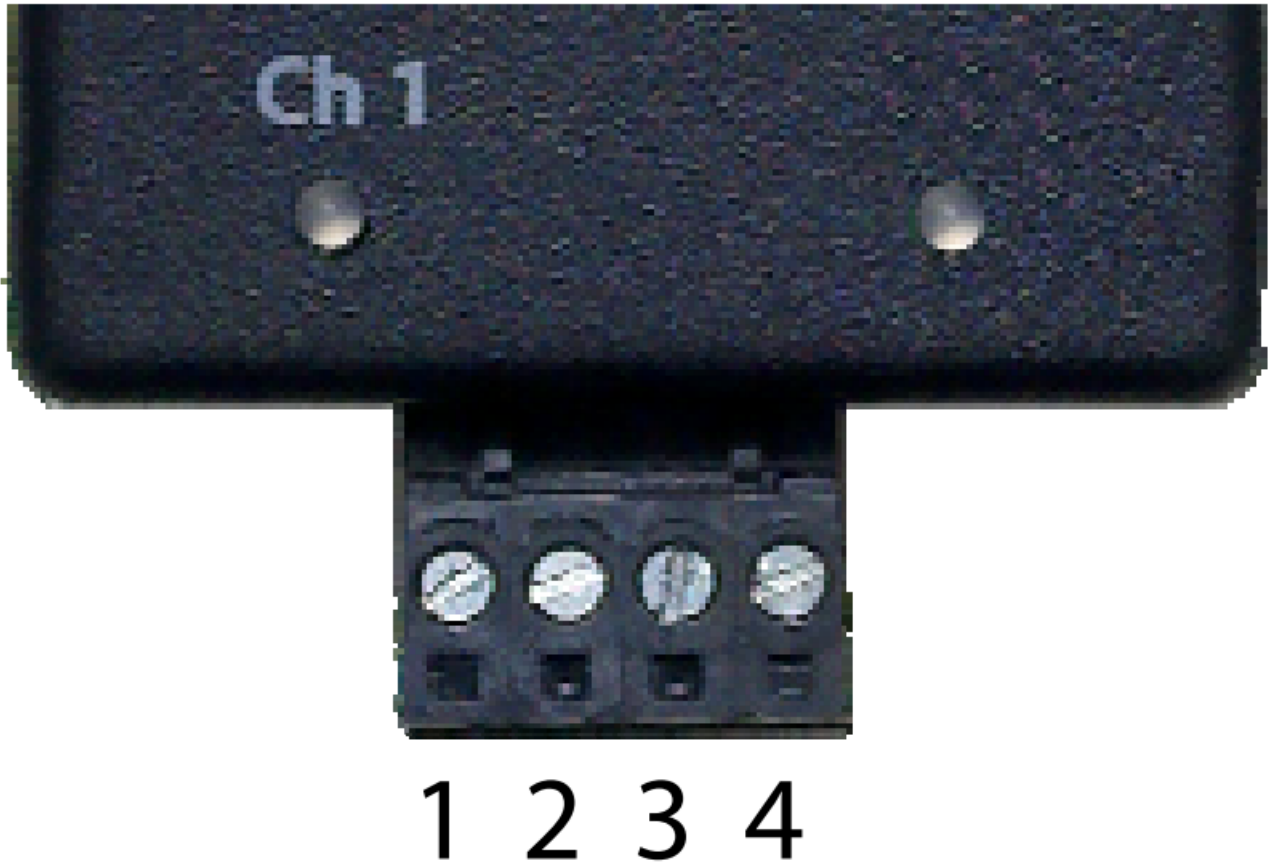
IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic safety precautions should always be followed, including the following:

1. Do not use this product for other than its intended purpose.
2. Keep away from water. If the product comes in contact with water or other liquid, turn off the circuit breaker and remove the product immediately.
3. Never use products that have been dropped or damaged.
4. Do not use this product outdoors.
5. Do not cover this product with any material when in use.

INSTALLATION

- Screw Terminals 16 – 20 Gauge Wire Recommended



Model	Pin 1	Pin 2	Pin 3	Pin 4
PMT-CC	COM	Input	GND	12VAC 500mA
PMR-CC	COM	Output		

The PM Series Modules are designed for indoor use with devices that plug into a grounded power outlet (PMR-AC) or will be controlled by a contact closure (PMR-CC).

To install the PM series modules:

1. Locate the load to be controlled and plug it into the outlet on the bottom of the PMR-AC or wire the contact to terminals 1 and 2 of the PMT/R-CC.

Note – The Load current rating (or combined rating of multiple connected lamps) must not exceed:

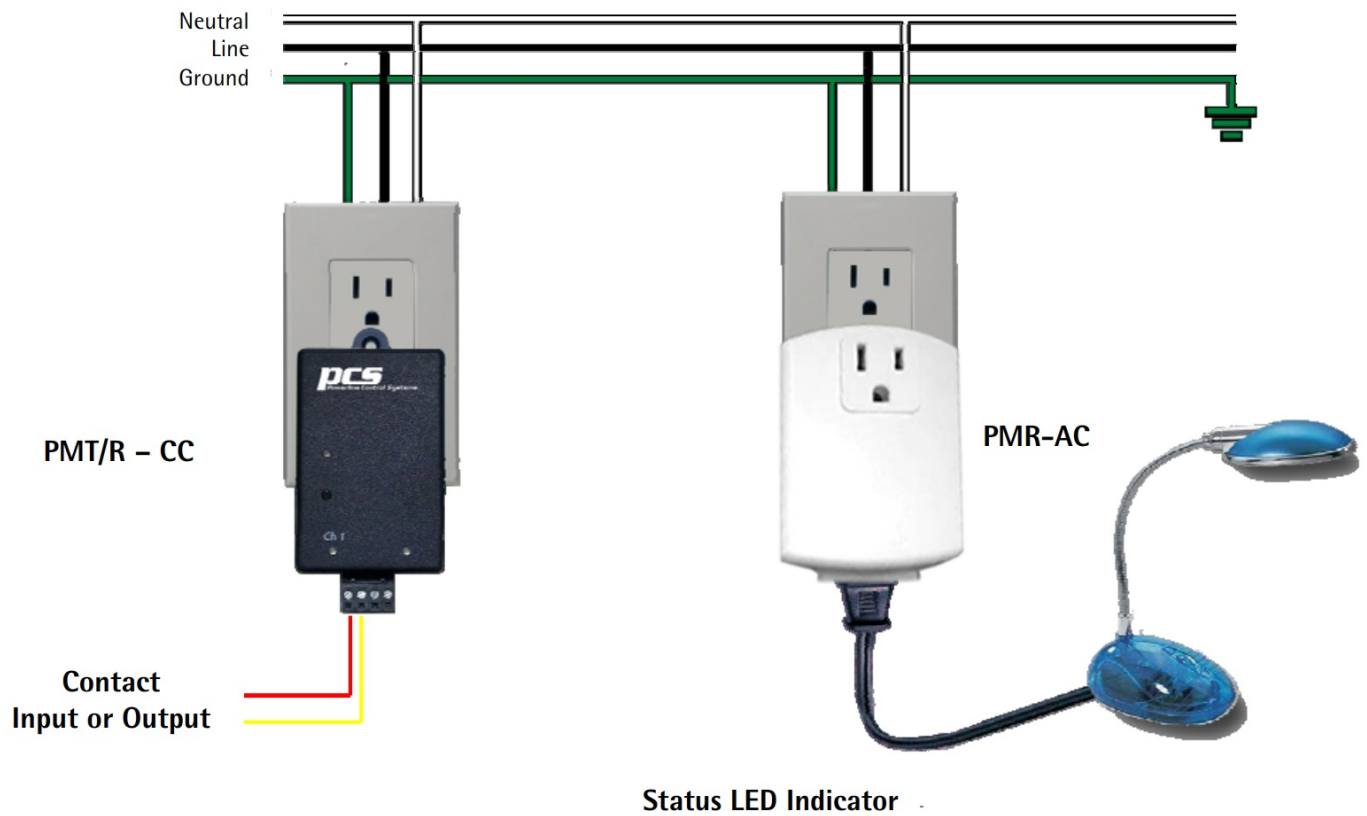
PMR-AC – 15 Amps

PMR-CC – 8 Amps

2. Plug the PM into an unswitched wall outlet.
3. Turn the load power switch to its ON position if using the PMR-AC.
4. Tap the button on the front to manually turn load on or off.

CAUTION: Do not insert metal objects into the module while it is connected to power.

WIRING DIAGRAM



OPERATION

Linking a Transmitter to a Receiver

Any SimpleWorx transmitter can remotely control one (or more) SimpleWorx Receiver(s) by following the steps below to “LINK” the two together:

1	At the SimpleWorx Transmitter; Press and hold its rocker switch or Link button for 6 seconds. The LED will flash GREEN and flash its load (if a load is connected)
2	At the SimpleWorx Receiver; Press and hold the rocker switch or link button for 6 seconds. The LED will flash GREEN and flash its load (if a load is connected)
3	The Receiver will indicate (within 30 seconds) the two devices have automatically “LINKED” to one another when the LED stops flashing and blinks its load once.
4	The Transmitter may be taken out of “LINK” mode by tapping its rocker switch or link button once. The LED will stop flashing and blinks its load (if a load is connected). Note: The TX will automatically timeout in after 5 minutes

The PMT and PMR are each equipped with a bi-color status LED that is normally lit to red. This LED indicator will flash different colors to indicate configuration status as outlined below:

LED Color	Status
Solid RED	Power applied to Module
Flashes GREEN	Device is in LINK MODE
Solid GREEN	Transmitting a SPC™ message

CERTIFICATION



This product has been thoroughly tested by Intertek Testing Services, a nationally recognized independent third-party laboratory. The North American ETL Listed mark signifies that the product has been tested to and has met the requirements of a widely recognized consensus of US and Canadian product safety standards, that the manufacturing site has been audited, and that the manufacturer has agreed to a program of quarterly factory follow-up inspections to verify continued conformance.

LIMITED WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in materials and workmanship for a period of five years from the date of purchase. Refer to the warranty information on the PCS website (www.pcslighting.com) for exact details.

Customer Support

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PMT-CC, PMR-AC, PMR-CC, PMT-CC Plug-In Module, PMT-CC, Plug-In Module, Module

References

- [Powerline Control Systems Online Store — PCS Lighting](#)
- [Powerline Control Systems Online Store — PCS Lighting](#)

Manuals+,