

Control without Wires or Batteries!



PulseWorx RF is a family of wireless, self-powered devices that will expand the range of the already flexible and scalable PulseWorx UPB powerline based lighting control system. Using energy harvesting, these naturally powered energy-efficient items will harness both kinetic and solar energy to enable you to create the perfect lighting scenes without any new wiring or batteriesEVER!

What makes these products so unique is the movement of pressing the rocker on a switch, button on a remote or motion in a room, provides enough natural power to have the units transmit radio signals. These signals are then changed into UPB by the Radio Frequency Interface and transmitted on the existing powerline, to allow full control, on/off and dimming of PulseWorx and other UPB enabled devices. Imagine complete control without wires or batteries!

Devices can be mounted on any type of surface, wood, sheetrock, glass, concrete or tile. Think about the opportunities that can now be solved, making PulseWorx RF perfect for hard to reach or 'locate the wire' situations in retro-fit or new construction projects.

PulseWorx RF is easy to install and maintenance-free, making you green with profits.



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Ordering Information



RFI-E - Radio Frequency Interface

The Radio Frequency Interface is a plug-in interface that receives the discreet RF codes from any EnOcean enabled device. Each code is translated into a UPB signal which is transmitted on the existing powerline allowing control from any location with any optional RF switch, Hand-held Remote or Occupancy Sensor. Each device transmits over 50 feet away.



RFWS-1 - Single Rocker Switch

RFWS-2 - Dual Rocker Switch

RFR-4 - RF Remote

The Radio Frequency Wall Switches and Remote are a set of wireless/battery-less devices designed to control your PulseWorx lighting system remotely. The Wall Switches provide both single and dual wall mounted rocker switch control to areas where AC power is not conveniently available, while the Remote provides a hand-held method to control your lighting system.



RFOC - Occupancy Sensor

The Occupancy Sensor covers an area of 1500 sq. ft. and has a built-in solar panel that allows ambient or sunlight to power itself. It will operate up to 48 hours without light, optional batteries may be required for continuous operation. Buy using a multi-zone lenses this sensor will respond to any source of moving heat, with in range, which crosses from one zone into another zone. Heater vents will not trigger the sensor

Specifications

Power:	Kinetic, Self Powered, Solar
Wireless Frequency:	315 MHz
Transmission Range:	50 ft. indoor
RFWS Colors:	White, Almond, Ivory, Brown, Black
RFR4 Colors:	Black, White, Silver
RFOC Color:	White
Actuations:	>50,000
Mounting:	Standard wall box or surface mount
Operating Temp:	32 to 104F (0 to 40 C)
Relative Humidity	0% to 95%, non-condensing

	Height	Width	Depth
RFI-E	1.65"	1.10"	.86"
RFWS1 and RFWS-2	4.2"	1.8 "	.7"
Mounting Bracket	4.5"	2.8"	.4"
RFR4	3.2"	1.9"	.7"
RFOC	5.83"	2.7"	1.27"

Testing and Compliance	Meets UL CSA and FCC requirements
Warranty	Five-Year Limited Warranty

