

WattStopper WRC-TX — PLUG LOAD RF TRANSMITTER



This is the plug load RF transmitter. Wireless Receptacle Control products facilitate Auto-On/AutoOff occupancy-based control of plug loads without the need to wire receptacles to power packs. A WRC transmitter works with WRC RF-enabled relay-controlled receptacles.

The 24VDC WRC-TX is wired to an occupancy sensor and a power pack to transmit On/Off signals to bound receptacles. A relay in each WRC receptacle switches the controlled outlet(s) in response to the transmission. One transmitter can be bound to up to 16 WRC receptacles, each with one or two controlled outlets. In addition, each WRC receptacle has feed thru capability for downstream control of additional outlets. **Check out Wattstopper DLM products [here](#).**

RF Transmitter (WRC-TX)

- Works with all 24VDC Wattstopper occupancy sensors and power packs
- Two mounting options for convenient installation in acoustic tile or to other surfaces
- Operates in quiet 915 MHz band to avoid interference
- LED indicator communicates status during binding
- The product meets the materials restrictions of RoHS

WattStopper WRC-TX-LM RF TRANSMITTER DLM (DIGITAL LIGHT MANAGEMENT)



WattStopper WRC-TX-LM RF TRANSMITTER DLM (DIGITAL LIGHT MANAGEMENT). Wireless Receptacle Controls facilitate occupancy-based AutoOn/Auto-Off control of plug loads without the need to wire receptacles to room controllers. A WRC transmitter works with WRC RF-enabled relay-controlled receptacles.

The WRC-TX-LM operates on Class 2 power supplied to a DLM local network by one or more room controllers, and connects via an RJ45 connector on a 6" pigtail. It transmits On/ Off signals from all DLM occupancy sensors connected to the local network to all bound receptacles. A relay in each WRC receptacle switches the controlled outlet(s) in response to the transmission. One transmitter can be bound to up to 16 WRC receptacles, each with one or two controlled outlets. In addition, each WRC receptacle has feed thru capability for downstream control of additional outlets.

Features

- Works with all DLM occupancy sensors

- Digital Lighting Management components plug together on a free-topology Category 5e DLM local network
- Two mounting options for convenient installation in acoustic tile or to other surfaces
- Operates in quiet 915 MHz band to avoid interference
- LED indicator communicates status during binding
- The product meets the materials restrictions of RoHS RF Receptacles (WRC Series)
- Choice of 15A or 20A rating
- Duplex receptacles with a choice of one or two controlled outlets
- Labeling meets NEMA requirements for controlled receptacles
- LED indicator communicates status during binding
- The product meets the materials restrictions of RoHS

Specifications

RF Transmitter

- Input voltage: 24VDC from DLM local network
- Current consumption: 3mA
- DLM local network connection: 1 RJ45 port via RJ45 plug and coupler (included)
- Mounts to acoustic tile or hard surface
- FCC Part 15 compliant Controlled Receptacles
- Operating voltage: 125VAC
- Load rating: 15A (WRC-15) or 20A (WRC-20)
- Auto ground strap construction
- Terminals for power feed-thru RF System (Transmitter and Receptacles)
- NEMA-approved labeling for controlled receptacles
- Frequency: 915 MHz band
- Communication range: 30' in obstructed application; up to 150' with clear line of sight
- One transmitter can bind to up to 16 controlled duplex receptacles
- Operating conditions; for indoor use only
- UL and cUL listed

- Five year warranty

For other items like the WattStopper WRC-TX-LM RF TRANSMITTER DLM (DIGITAL LIGHT MANAGEMENT) [click here](#).

For more information on WattStopper's line of lighting control solutions [click here](#).

Wattstopper WS-250 PIR WALL SWITCH OCC SENSOR



Wattstopper WS-250 PIR WALL SWITCH OCC SENSOR. This is the passive infrared wall switch occupancy sensor. The WS-250 Passive Infrared (PIR) Wall Switch Sensor turns lighting on and off based on occupancy and ambient light level. It replaces existing wall switches and fits behind a standard decorator wall plate.

The WS-250 utilizes advanced PIR technology to detect occupancy. Detection occurs when the WS-250 senses the difference between infrared energy from a human body in motion and the background space. Lighting automatically turns on when occupancy is detected. After a user-specified length of time when no occupancy is detected, lighting automatically switches off. The sensor can also be used with line voltage switches for multi-level lighting.

Features

- Pulse Count Processing eliminates false offs without reducing sensitivity
- Detection Signature Processing eliminates false triggers; provides immunity to RFI and EMI
- Zero crossing circuitry reduces stress on the relay and results in increased sensor life
- Time delay adjustment from 30 seconds up to 30 minutes
- Adjustable unit sensitivity from 20% to 100%
- Light level sensor holds lights off when ambient lighting is above the preset level
- Custom two-tier Fresnel lens enhances detection at the desktop level
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- Patented voltage drop protection
- For safety, there is no leakage to load in the off mode and sensor is safety grounded
- LED indicates occupancy detection
- Compatible with decorator wall plates
- BAA/TAA-compliant models available

For other items like the Wattstopper WS-250 PIR WALL SWITCH OCC SENSOR [click here](#).

For more information on Wattstopper's line of lighting solutions [click here](#).

Wattstopper **WT-SERIES** **ULTRASONIC CEILING SENSOR**



Wattstopper WT-SERIES ULTRASONIC CEILING SENSOR. This is the ultrasonic ceiling sensor. Wattstopper's WT Ultrasonic Ceiling Sensors utilize 32 KHz frequency ultrasonic technology to detect occupancy. The sensors are available in several models to control lighting in a wide variety of applications.

WT Sensors are 24 VDC and utilize advanced, omni-directional, ultrasonic technology. When movement is detected in a controlled area, it switches lighting on through a Wattstopper power or auxiliary pack. The sensor controls the power pack through low voltage wiring. Once the area is vacated and the time delay has elapsed, lighting systems automatically switch off.

Features

- ASP circuitry helps to eliminate false on
- Advanced, omni-directional, ultrasonic technology for reliable occupancy detection
- Angled transmitter and receiver pairs help optimize sensitivity while eliminating unwanted detection from ceiling air movement
- Coverage ranges from 600 to 2200 square feet, and 90 linear feet for hallways
- Isolated relay can interface with HVAC, EMS or an additional lighting load
- DIP switch-adjustable time delay and sensitivity
- LED indicates occupancy detection
- BAA/TAA-compliant models available

Specifications

- Solid state, crystal-controlled (32.768 kHz \pm 0.002%)
 - Omni-directional transmission (360° coverage)
 - Temperature and humidity resistant 32 kHz receivers
 - Digital DIP switch time delay: 15 seconds to 30 minutes
 - Isolated relay with N/O and N/C outputs; rated for 1 Amp @ 30 VDC/VAC
 - Mounts to ceiling tile or Wiremold V5738-WH box
 - Max. WT-605s per power pack: B=4, BZ=5
- Max. WT-600s per power pack: B= 3, BZ=4
- Max. WT-1105s, WT-2205s, WT-2255s: B=3, BZ=5
- Max. WT-1100s, WT-2200s, WT-2250s: B=2, BZ=3
- Dimensions: 4.8" x 1.5" (122mm x 38mm) diameter x depth
 - UL and cUL listed
 - Five year warranty

For other items like the Wattstopper WT-SERIES ULTRASONIC CEILING SENSOR [click here](#).

For more information on Wattstopper's line of lighting solutions [click here](#).

WRC SERIES – WIRELESS RECEPTACLE CONTROLS



This is the wireless receptacle controls from Wattstopper. Wireless Receptacle Control products facilitate Auto-On/Auto-

Off occupancy-based control of plug loads without the need to wire receptacles to power packs. A WRC transmitter works with WRC RF-enabled relay-controlled receptacles.

The 24VDC WRC-TX is wired to an occupancy sensor and a power pack to transmit On/Off signals to bound receptacles. A relay in each WRC receptacle switches the controlled outlet(s) in response to the transmission. One transmitter can be bound to up to 16 WRC receptacles, each with one or two controlled outlets. In addition, each WRC receptacle has feed thru capability for downstream control of additional outlets. **Check out Wattstopper DLM products [here](#).**

RF Receptacles (WRC Series)

- Choice of 15A or 20A rating
- Duplex receptacles with a choice of one or two controlled outlets
- Labeling meets NEMA requirements for controlled receptacles
- LED indicator communicates status during binding
- The product meets the materials restrictions of RoHS

WS-301 – PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR



This is the passive infrared wall switch occupancy sensor. The

WS-301 Passive Infrared (PIR) Wall Switch Sensor turns lighting or fan loads on and off based on occupancy and ambient light level. The sensor replaces existing wall switches and fits behind a standard decorator wall plate.

The WS-301 senses the difference between infrared energy from a human body in motion and the background space to turn on lighting automatically when occupancy is detected. After a user-specified length of time when no occupancy is detected, lighting automatically switches off. The sensor can also be used with line voltage switches for multi-level lighting. **Check out Wattstopper DLM products [here](#).**

- Complies with 2011 NEC requirements
- Zero crossing circuitry reduces stress on the relay and results in increased sensor life
- Adjustable time delay and sensitivity
- Custom two-tier Fresnel lens enhances detection at the desktop level
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- Light level sensor holds lights off when ambient lighting is above the preset level
- Patented voltage drop protection
- For safety, there is no leakage to load in the off mode and sensor is safety grounded
- LED indicates occupancy detection