

Plug-In System Extender User Manual

Lightning Switch™

No New Wires... No Batteries... No Hassle SM

Features:

- Compatible with Lightning Switch Protocol.
- Easy One-button set up.
- Transmission range: Open outdoors: 280m minimum.
- Maximum seven different lightning receivers obeyed per system extender.

Applications:

- Home automation solution.
- Coverage extensibility of a remote control system.

General Description:

System extender is one of lightning switch series product, acting as a Repeater.

One or more System Extenders can be used either to extend the range of a system, or to increase the probability of "hit" for Receivers that have been marginally receiving the desired signal range of a system, or to increase the probability of "hit" for Receivers that have been marginally receiving the desired signal.

Electrical Parameters:

Power supply-----	120V AC, 60Hz.
Carrier frequency-----	433.92MHz (+- 75KHz).
Power consumption-----	Less than 1W.
Modulation-----	OOK.
Output power-----	+5dBm.
Sensitivity-----	-114dBm.
Date rate-----	2.5Kbps.
ID-----	24bits.
Operating temperature-----	-40°C ~ 65°C.
Overload protection-----	0.5A. (Replaceable fuse)

Dimensions:

76mm*76mm*32mm. (Two-prong plug not included)

CE0984!

Set up guide

Install the system extender by plugging it into a outlet. The red light will glow to confirm the outlet that you're using is powered. In the meanwhile, the system extender will finish initial installation in few seconds.

After the initial installation is completed, press the "Set Up" button on the system extender and red light will become flashing. Within this period, system extender will set up itself in your system. After the set up is completed, the red light will stop flashing and go back to glow.



Caution:

1. The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. FCC RF Radiation Exposure Statement: The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

3. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

4. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.