

PIR RF Staircase/Hallway Night Light System User manual

The product is a PIR RF Stair Night Light System, it consists of 2 Unit, Unit A PIR RF transceiver and Unit B Receiver

Unit A is a PIR motion detector, when motion is detected within 2 meters area from Unit A, Unit A transmit a 315MHz ASK coded signal of approximate 1 second, and the LED light of Unit A will power on for about 1 minute, then the LED goes off automatically. The Unit B will also power on the LED light for about 1 minute after the RF signal from Unit A is received. 315MHz receiver function is deployed in the 2 Unit A, when a Unit A received RF signal from the other, the LED light will power on for about 1 minute. CDS photosensitive detector is deployed in Unit A, and Unit A operates only at night and in dark places.

Power supply: AA alkaline * 3 (4.5V)

Installation height: approximate 30-50cm

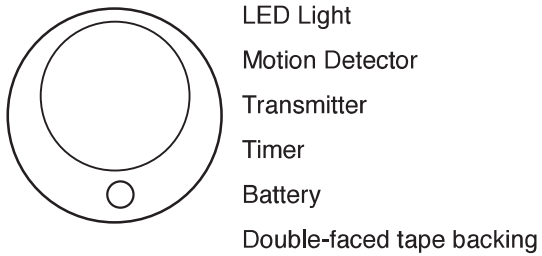
Installation location: Unit A- top and bottom of the stairs, Unit B- staircase

Operation description:

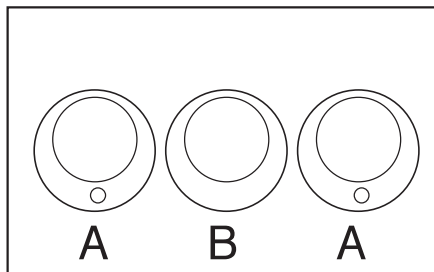
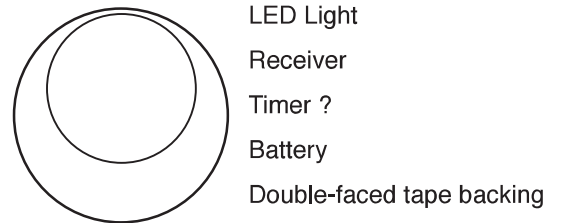
After the battery is installed in Unit A, when the illumination intensity is under 0.15LUX and motion is detected by the PIR sensor within 3 meters from the Unit, Unit A transmit a 315Mhz ASK modulated RF signal. The signal is received and decoded by another Unit A or Unit B, if the code received is identical to the code stored, the LED light is power on for 60 seconds, then goes off automatically.

Staircase/Hallway Night Light System

"A" Unit



"B" Unit



"B" Unit

"A" Units
at top &
bottom
of stairs

FCC INFORMATION

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

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.