firefly

Audio Detector WST-602

Specifications

Frequency: 345MHz

Battery: 3V lithium CR123A

Battery life: 5 years

Detection distance: 6 in max

Operating Temperature: 32°-120°F (0°-49°C)

Operating Humidity: 5-95% RH non condensing

Compatible with 2GIG and Honeywell receivers

Supervisory signal interval: 64 min(approx.)

Operation

The FireFly is designed to listen to the alarm sounder of any smoke detector. Once confirmed as an alarm, it will transmit a signal to the alarm control panel which if connected to a central monitoring station, will dispatch the fire department.

Enrolling

To enroll the sensor, set your panel into program mode, refer to your specific alarm panel manual for details on these menus. For panels with a learn feature, once prompted by the control panel, press the small button located on the device to trigger a transmission. Or you can manually enter the serial number printed on the back of each unit. This product enrolls as a 5816 and uses Loop 1 to transmit alarm signals.

Mounting

Included with this device is a mounting bracket, hardware and double sided tape. To ensure proper operation ensure the side of the device with the small holes is directly facing the sounder holes on the smoke detector. The FireFly must be mounting within 6 inches of the detector for optimal operation.

Testing

To test the RF transmission from the mounted position you can either generate a tamper by removing the cover or press the small button within the device. This will send a signal to the control panel. To test the audio detection, press and hold the smoke detector test button. Ensure the FireFly cover is on and that you wear hearing protection. When a signal is detected the LED on the device will start to flash, once it has determined it's a valid smoke alarm signal the LED will turn on steady and transmit a signal to the control panel.

Replacing the Battery

When the battery is low a signal will be sent to the control panel. To replace the battery:

1. Remove the top cover to reveal the battery. This will send a tamper signal to the control panel.
2. Replace with a Panasonic CR123A battery ensuring the + side of the battery faces as indicated on the device.
3. Re-attached the cover, you should hear a click when the cover engages properly.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC Rules. 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from the receiver
- Consult the dealer or an experienced radio/TV contractor for help.

Warning: Changes or modifications not expressly approved by Ecolink Intelligent Technology Inc. could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

C'et appareil est conforme la norme d'Industrie Canada exempts de licence RSS. Son fonctionnement est soumis aux deux conditions suivantes: (1) c'et appareil ne peut pas provoquer d'interférences, et (2) c'et appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de la dispositif.

FCC ID: XQC-WST602   IC:9863B-WST602

Warranty

Ecolink Intelligent Technology Inc . warrants that for a period of 5 years from the date of purchase that this product is free from defects in material and workmanship. This warranty does not apply to damage caused by shipping or handling, or damage caused by accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions or as a result of any unauthorized modifications.
If there is a defect in materials and workmanship under normal use within the warranty period Ecolink Intelligent Technology Inc. shall, at its option, repair or replace the defective equipment upon return of the equipment to the original point of purchase.
The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Ecolink Intelligent Technology Inc. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.
The maximum liability for Ecolink Intelligent Technology Inc. under all circumstances for any warranty issue shall be limited to a replacement of the defective product . It is recommended that the customer check their equipment on a regular basis for proper operation.

2055 Corte Del Nogal
Carlsbad, California 92011
1-855-632-6546
www.discoverecolink.com

PN WST602 R1.00