

Troubleshooting and Frequently Asked Questions

The transmitter lights up with motion, but the receiver does not react

The transmitter must be taught to the base unit, as explained in step 3 in the Set-Up guide. If the unit was taught, the most common reason for not working is that the base unit has been turned off, or muted.

If the green Power light is not lit or is flashing, press the MUTE button on the top of the base unit to wake it up.

If the green Power light is illuminated, look at the two small white switches next to the LEARN button. The #1 dipswitch should be down, towards the circuit board. If it is UP, the unit has been muted. If the Base Unit signals when you press the LEARN button, it is not muted.

The transmitter is not getting the expected range

To assure best range Keep both antennas VERTICAL and keeps the PIR Transmitter antenna away from trees and metal objects. It can also help to locate the Base Unit near a window with the clearest possible sight of the PIR Transmitter. The less objects between devices, the longer the range.

The transmitter is picking up people, but not cars

The cars are either passing too close to the sensor, or it is looking over the top of the car. For best results, adjust the sensor to look at a 45-60 degree angle, have it about the height of the car's hot motor, and set it back far enough so the cars do not pass within 8 feet of the sensor.

The Reporter system is giving False Alarms

The transmitter will detect any motion near it, such as branches moving, or will see the background move if it is moving in a breeze. Any lights shining on it, direct sun, or reflected light (like snow glare), or hot objects can confuse the sensor or blind it, giving false signals. It is also possible that a little condensation has built-up on the sensor and letting it sit inside for a few hours, open to the air, without the batteries, it should correct itself.

The sensor can also be set to be less sensitive, by changing the two dipswitches, next to the test button, on the circuit board inside the transmitter. The REPORTER is shipped pre-set to its highest level of sensitivity, with the switches DOWN, towards the circuit board. If the sensor is detecting motion outside its normal range, setting it to be less sensitive can correct for this.

SW 1: Sensitivity to motion

ON = High OFF = Low

SW 2: Average Sensing distance

ON = 5-25 Feet OFF = 5- 15 Feet

There is a short beep every ten minutes

The Base Unit is indicating that it has a low 9-volt battery. Open the Base Unit, by pulling the top and bottom halves apart. Replace the 9V battery with a fresh one or operate it without a battery.

How do I clear and Reset the Base Unit's Memory

Press and hold the Learn button, on the receiver, for fifteen seconds. It will give a triple-beep when it has cleared its memory and you can re-teach transmitters to it. If a transmitter signals, while the Learn button is depressed, the must be repeated.

If you have installation or operation questions, please see above, or you can receive free technical assistance or warranty service, by email at techsupp@nwlink.com or call 888.679.7994 Tuesday-Friday 8-5 PST

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Warranty: This product is warranted to be free of defects for the period of **Two Years** from the date of purchase. *The warranty covers parts, labor, and return shipping to you, but not all accessories.* IEI will repair or replace any defective product at our discretion. Warranty does not cover misuse or damage other than due to normal operating conditions. If you need to send the system to IEI for repair, contact IEI for a **Return Authorization number via email: techsupp@nwlink.com**. Packages without a Return Authorization number will be rejected.

THE REPORTER

WIRELESS ALERT SYSTEM

Model 300, 301
01/19/06
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Thank you for purchasing the Reporter Wirefree Alert System. This product has been designed and manufactured in the USA, utilizing the highest quality standards available.



Thank you for purchasing the Ultra Long Range Reporter Wireless Alert. This product has been designed and manufactured in the USA, utilizing the highest quality standards available.

The Reporter uses a Passive Infra-Red sensor to detect the heat of people and vehicles as they move past it, while allowing small animals to pass through undetected.

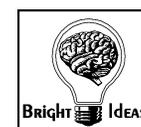
Please read the instructions carefully.

Uses Include...

- Monitoring Gates
- Front Door / Back Door
- Driveways
- Deck & Patio
- Storefronts
- Barn or Shop
- RVs, while at home
- Pools or Area Security
- Home / Office Security
- Ignores Small Animals



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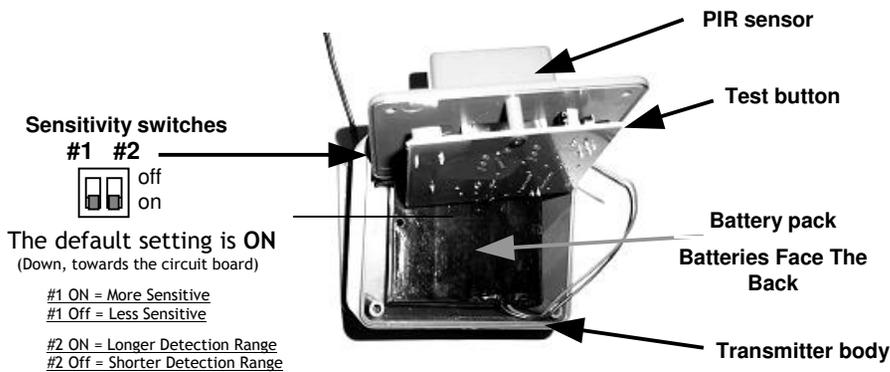


International Electronics, Inc.

Made With Pride In the USA. This product is covered by a manufacturer's full One Year Warranty.

FCC STATEMENT

This device complies with FCC part 15 rules. It may not cause harmful interference with other devices, and must accept interference from other devices.
FCC ID: JLFPIR



1: Installing the Transmitter Mounting Bracket

Insert the 1" larger silver bolt, through the Swivel Bushing (supplied in the accessory bag), then through the Mounting Plate and the Transmitter Body. Tighten just enough to allow the plate to be tilted with effort.

2: Insert Batteries in the Transmitter

Place four AA Alkaline batteries in the battery pack (Use only high quality batteries for longest performance), the LED Light in the PIR window will flash several times to show a successful systems test. The batteries should last for over Two years with average use. If used in location that will be below -10 °C (20 °F) Lithium batteries are recommended.

Important: Set the battery pack into the transmitter body, so the plastic back is facing the circuit board.

3: Set-up the Base Unit and Teach the Transmitter to it

Plug the supplied 9VDC transformer into the 9-12 volt DC connection on the Receiver and a wall outlet (the POWER light will illuminate) and then if desired, a 9-volt battery may be installed in the receiver, for uninterrupted operation in case of power failures. Before the Reporter will operate, you have to teach the PIR Transmitter to the Receiver (Each PIR Transmitter has its own unique ID, for a secure Radio Link).

A: Press and release the LEARN button on the receiver, the buzzer should sound.

B: Within 5 seconds, slowly wave your hand in front of the sensor window, so the light flashes, the buzzer should sound again. After mating, the receiver will buzz every time it sees you moving in front of the sensor.

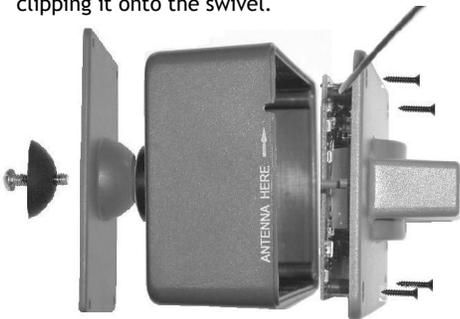
4: Assemble the PIR Transmitter

A: Make sure the Battery Pack is installed, so you only see the black plastic back of the battery pack.

B: Position the Face Plate Assembly so that the Black Antenna Wire will pass through the Notch Marked "Antenna Here".

C: Insert and tighten the 4 small screws (supplied in the accessory bag), so the Face Plate is tight against the Transmitter Body.

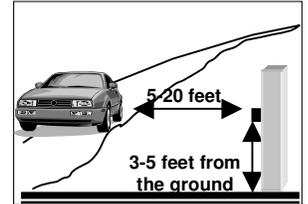
D: If desired, place the optional sun/rain shield to the top of the transmitter by clipping it onto the swivel.



Mounting the transmitter

Mount the PIR Transmitter onto a solid surface (Should not shake with wind) 3-5 feet above the ground (depending on the height of the object being detected). Swivel the unit so it gets the best possible view across the path of movement, keeping it as close to horizontal as possible. To detect small animals, the sensor has to be mounted low enough to see them, usually within a foot of the ground.

Note: For cars, the best mounting position is at about 3' high, between ten and twenty feet back, and angled to see the back of the car after passing the sensor.



Power/Mute Button

The black Base Unit has an inset Mute Button, just above the ALERT light. Tap the black button to put the unit in Sleep Mode for one hour. After an hour, it will activate automatically.

To turn the Base Unit off, Hold Down the Mute Button for three seconds and it will power-down. Press the button again to activate it.

Multiple transmitters or receivers

The Base Unit can learn the signals of up to four transmitters. The Base Unit will give a single signal for the first transmitter that it learns, a double signal for the second, and so-on for a third and fourth. Additionally, multiple receivers can work with the same transmitter, to sound the alarm in different places. Just teach each transmitter to the Base Unit. If you need to clear the receiver's memory, simply press and hold the learn button, for 15 seconds. The receiver will give a triple beep, when it has cleared its memory.



Battery Backup Inside the Base Unit

The Base Unit features an Internal Backup Battery Connection, simply pry the Two Halves Of The Receiver Housing open and Install an Alkaline 9V Battery. When the battery runs low, the Reporter will generate a Beep Every Few Minutes. If power fails, the Reporter Receiver will function for several days.

Connecting the Receiver to external devices

The Base Unit has a built-in relay for activating accessories, such as doorbells, buzzers, or lights. The two flat metal contacts are the outputs for the relay, which is essentially an automatic switch. The relay has no power of its own, but can handle up-to 120 volts, 10 amps going through it. When the receiver buzzes, the relay makes a momentary connection between the two relay contacts.

To use the relay, you would want to connect the positive wire from an accessory device (like a buzzer) to one of the flat relay contact and the positive wire from the accessory's power supply to the other relay contact, then connect the power supply and accessory's negative wires together.

Most any home, hardware, or electronics store should have a selection to choose from. What you have that relay activate, just depends on what meets your needs and is available in your area.

For Example: If you need to hear a louder or different alarm sound, a doorbell is the easiest accessory to have the relay activate. Simply have the two relay contacts take the place of the button of a doorbell. When the Base Unit signals, the relay would activate the doorbell, as if its button where pressed.

