

Troubleshooting and Frequently Asked Questions

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

A: Did you TEACH the units to each other? If not, see page 2 and perform the Teaching steps. **B:** The units may be out of range, or blocked... see the next step;

The transmitter is not getting the expected range

To assure best range; **A:** Keep both antennas VERTICAL. **B:** Keeps the PIR Transmitter antenna away from trees and metal objects (at least 3"). **C:** Locate the Receiver near a window with the clearest possible sight of the PIR Transmitter. The less number of objects between the devices, the longer the range.

I cannot hear the receiver when it signals

The receiver is not made to be overly loud. If you need to have a louder signal, the receiver has a relay for attaching accessories, such as bells, buzzers, or lights. The relay is basically a switch that has no power of it's own, but can handle up-to 120 volts, 10 amps going through it. To connect an external device, determine the power it requires, and then wire as shown in previous pages.

The transmitter is picking up people, but not cars

Since vehicles can move fast, the PIR unit is not getting a long enough look at the moving object. Resolve by setting the PIR sensor at an angle to the road, as shown in previous pages.

The unit is signaling constantly, when there is nothing there

- 1: Check for tree branches or other objects that might be moving in a breeze
- 2: Check for spiders or insects in the sensor window.
- 3: The sensor can be fooled by light shining directly into the window, reflected sunlight, car headlights, or motion in front of a steady light source.
- 4: Change the sensitivity setting. You can lower the sensitivity of the sensor, to avoid false alarms. See Below.

Sensitivity settings

The REPORTER is shipped pre-set to its highest level of sensitivity. Normally, there is no need to change the setting. However, if you are experiencing false alarms, the unit may need to be set to be less sensitive. There are two switches located, next to the test button, on the circuit board inside the transmitter.

SW 1: Sensitivity to motion

ON = High OFF = Low

SW 2: Sensing distance from unit

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

There is a short beep every few minutes

The Receiver is indicating that the **Battery** is **LOW**. Remove the cover on top of the Receiver by simply pulling the top and bottom halves apart. Replace the 9V battery with a fresh alkaline battery.

If you have installation or operation questions, please see above or check out the expanded FAQ at the manufacturer's web page at www.internationalelect.com

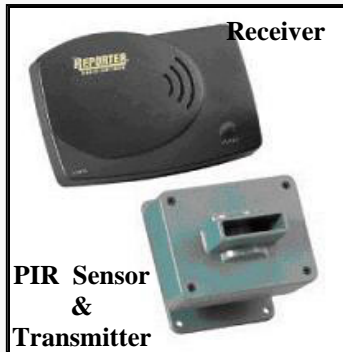
You can receive free technical assistance on the web at techsupp@nwlink.com

For Warranty email or call 888.679.7994 Tuesday-Friday 8:00-5:00 PST

Warranty: This product is warranted to be free of defects for the period of **One Year** 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 Return Authorization number will be rejected.

THE REPORTER

WIRELESS ALERT SYSTEM



New!

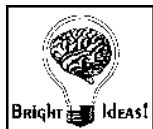
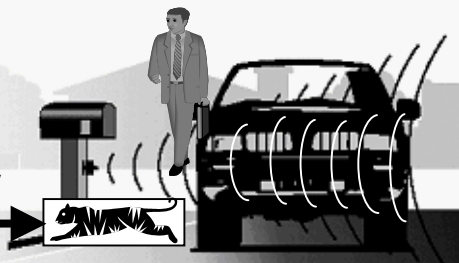
- Ultra Long Range
- Battery Backup
- Sun/Rain Shield

Uses Include...

- Driveways
- Deck & Patio
- Storefronts
- Barn or Shop
- RVs, while at home
- Pools or area security
- Home / Office Security
- Ignores Animals

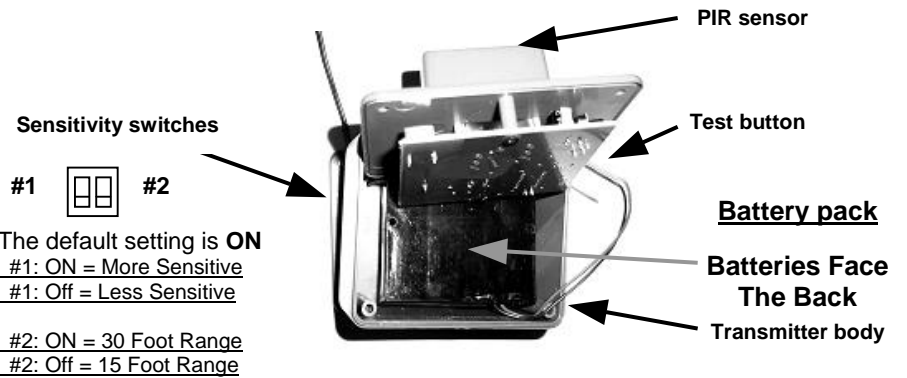
Thank you for purchasing the Reporter Wireless Alert. This product has been designed and manufactured in the USA, utilizing the highest quality standards available. The Reporter has been designed to detect and report motion from people and vehicles, while allowing animals to pass through undetected.

Please read the instructions carefully.



International Electronics, Inc.

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



1: Assemble the Transmitter Mounting Bracket

Insert the 1" screw (The single larger screws provided in the kit) through the Swivel Bushing (supplied in the plastic bag), then through the Plate and the Shell. Tighten just enough to allow the plate to still move, but there should be no "slop" in the movement.

2: Install 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. Important *** Set the battery pack into the transmitter body, so the plastic back is facing outwards.

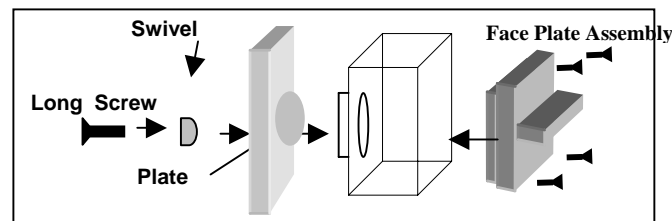
3: Set-up the Receiver

If desired, a 9-volt battery may be installed in the receiver, for uninterrupted operation in case of power failures. Plug the supplied 9VDC transformer into the 9-12 volt DC connection on the Receiver and then plug the transformer into a wall outlet, (the POWER light will illuminate). 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, press and release the TEST button on the PIR transmitter (If you cannot locate this button on the PIR Transmitter, simply wave your hand in front of the detection window instead), the buzzer should sound again. IF it does not, repeat steps A and B. As of this time, the Receiver should respond to motion detected by the sensor.

4: Finish Assembly Of PIR Transmitter

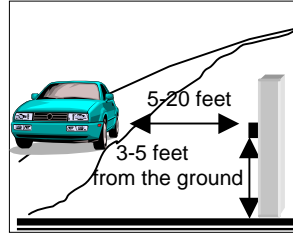
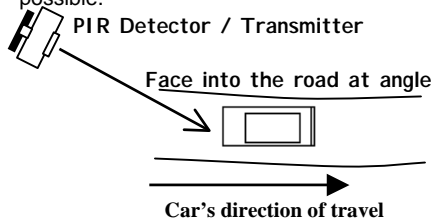
- A: As instructed in step 2 above, make sure you have Installed the Battery Pack into the housing, facing the BATTERIES TO THE BACK OF HOUSING. With the batteries installed, you should only be able to see the plastic back of the battery pack.
 B: Position the Face Plate Assembly so that the Black Antenna Wire is located next to the Notch Marked "Antenna Here".
 C: Install the 4 screws provided into front holes and tighten.
 D: If desired, place the optional sun/rain shield to the top of the transmitter by clipping it onto the swivel.



Mount the plate to the back using the swivel and long screw provided. Tighten enough to remove any slop in the assembly and yet allow for some movement of the plate when installed. After installing the batteries, insert the battery pack with the batteries facing the back.

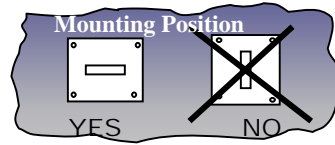
Mounting the transmitter

Mount the PIR Transmitter onto a solid surface (Should not shake with wind) **3-5 feet above the ground** so it can see the center of the expected target's heat source and for cars, it is more responsive to seeing the hot exhaust of it going away from the unit. Swivel the unit so it gets the best possible view across the path of movement, keeping it as close to horizontal as possible.



Signal duration and mute switches

The receiver has a small block of Two Switches, which control the built-in alarm. **SW 1:** Mutes the built-in alarm. **SW 2:** Sets the buzz duration from one-second to three-seconds. These switches are different from the switches in the transmitter and are pictured below.



Multiple transmitters or receivers

Each receiver can operate with up to four transmitters, with distinctive signals for each. Additionally, multiple receivers can work with the same transmitters to sound the alarm in different places. Just teach each additional transmitter to the receiver, as with the first one.



Battery Backup Inside Receiver

This receiver features an Internal Backup Battery Connection. To install, simply pry The Two Halves Of The Receiver Housing. Install an Alkaline 9V Battery. **When the battery runs low, the Reporter will generate a Beep Every Few Minutes** to indicate battery low condition. If power fails, the Reporter Receiver will function for up to 3 days. The external devices may not be activated when running on battery power.

Connecting the Receiver to external devices

If desired, the receiver can be used to activate an external alarm system, doorbell, buzzer, light, or other accessories available at most electronics and hardware stores. *The external alarm or buzzer will require it's own power supply.*

