



Radio Frequency Do's & Don'ts

Please read before installing !

Almost all of us have used a cordless phone, cellular phone, or FRS radios by now. They all work with the same principles as our wireless products only they have the advantage of us listening to hear when we are in a bad location by hearing static or noise and knowing we have to move closer or move to a hill (higher) to acquire better signal reception. Radio frequency (wireless) in simple terms consists of a transmitter and a receiver. Our transmitters send data via radio frequency (wireless) to the receiver (inside) triggering a tone or alert inside your home. Line of sight with no obstructions between outside device and inside receiver are always favorable for the best results. 98% of our tech support phone calls are asking why my sensor isn't working or is intermittent in sensing. And 98% of the time it is poor communications between outside sensor and inside receiver. A good example is using your cordless phone or cell phone and stepping one direction or the other to sound clear or full of static and noise. The difference is you are able to hear the noise and adjust your location. Because our devices send data, the only way to determine "noise" or "static" is by your system not "beeping" or intermittent and/or erratic operation.

Learn how your sensing device works by trying it first in your house before mounting it at the location that you want to install it. All variables are less of a factor the closer the receiver and sensor are to each other. In other words it is more critical at 700 foot distance than at 100 foot distance from transmitter to receiver.

Do's

- Mount the receiver as high as possible in your home.
- Make transmitter to receiver as clear of obstructions as possible.
- Try your sensor and receiver inside before mounting to understand how unit operates.
- Set the receiver at a window on the same side of the house as the sensor.

Don'ts

- Do not set the receiver on the floor inside your home.
- Do not place the receiver in a basement.
- Do not set your receiver next to cordless phones, computers, or any other electronic devices.
- Do not set the receiver next to metal devices.
- Do not mount the outside sensor on metal.
- Do not set your outdoor sensor on the ground to test.

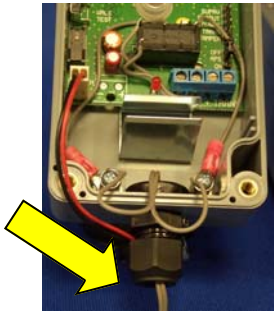
Other Wireless Facts:

- Steel or aluminum siding can greatly reduce range of transmitter to receiver range.
- Metalized Celotex under siding or brick can have a huge effect on reduction of range.
- Brick and masonry will have a substantial range reduction.
- Height is a huge factor in performance of transmission distance.
- Glass windows provide the least resistance to radio frequency.
- Always try to place your receiver at a window on the same side of your home as the sensor outside.
- The closer the sensor is to the receiver, the less that the above play into as factors.
- Mounting an outdoor sensor over a hill has the most reducing effect of radio frequency distance.
- Usually small receiver relocations are all that is needed.
- 2nd story placement of the receiver can result in a huge distance increase if applicable.
- Maximum height and minimum obstructions are the largest benefit in range.
- Our units distance are rated line of sight average. You can experience more or less range than rated.
- Weather conditions can also change performance of distance.
- Over a period of time range can slightly degrade as product ages, frequencies of product slightly shift, foliage growth, or local RF interference changes. You may need to relocate the sensor closer to the receiver.

Xtralert™ Outdoor PIR Sensor

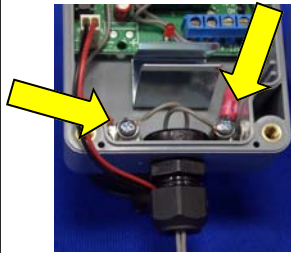
Manual

Connecting Sensor To Transmitter



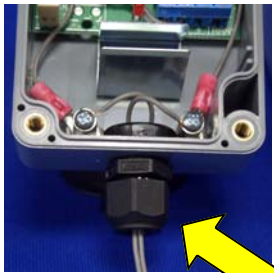
1

Run the 2 conductor wire that is attached to the transmitter up through the cable gland on the bottom of the sensor.



2

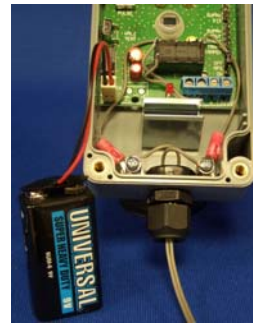
Unscrew the 2 screws at base of sensor and wrap one end of transmitter wire around one of the 2 screws and tighten screw. Repeat for the other end of wire. There is no voltage, it does not matter which wire is attached to which screw. **DO NOT** over tighten, it just needs to be snug.



3

Gently pull the slack out of the wire, leaving a little to avoid tension pulls on the screws.

Hand tighten cable gland screw.



4

Attach 9 Volt battery to the attached 9 Volt battery lead.



5

Insert the 9 Volt battery into the battery holder.

Note: It is important to firmly push the battery into the holder. If the battery is not push completely in, the lid will not fit properly. This will cause water to leak through the seal and cause damage to the unit.



6

Check to make sure that all wires are tucked down into the case before re-attaching the lid. When re-attaching the lid, **DO NOT** allow wires to be pinched between the case and the lid!



7

Re-attach the lid by screwing in the 4 screws on the front of the sensor lid. DO NOT use a power screw driver as these can crack the front cover if over tightened.

Note: Nozzle should be at the top of the sensor.

Xtralert™ Outdoor PIR Sensor

Manual

Sensitivity Adjustment

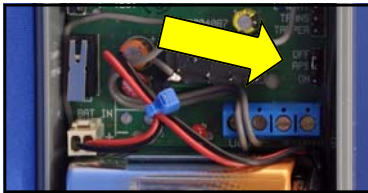
N stands for NORMAL. H stands for HARSH (**not HIGH - this is actually low**).



Your unit ships from the factory in NORMAL mode. This is the recommended setting for driveway alarms.

Harsh is recommended if your unit frequently triggers and nothing is there. This means that you may have a harsher environment. Please be aware that by using the HARSH mode, your unit may not accurately detect vehicles passing. To change the setting, simply slide the switch to the appropriate setting. **DO NOT** use force when trying to change settings. Using unnecessary force may cause the switch to break, which will void your warranty.

Automatic Power Saver



The automatic power save mode is not the recommended mode for monitoring driveways and is shipped from the factory in the off position. In power saving mode, the unit will not transmit a signal until there has been NO activity for at least 1 full minute. Best for monitoring inside a building at night.

To enable the automatic power save mode, you must move the jumper located on the power saver terminals to APS & ON.

Recommended Mounting

Mount sensor on the back side of a pole for stealth detection. By doing so, incoming vehicles are less likely to see the sensor.



It is VERY important to mount the sensor on a STURDY surface. Failure to do so will result in false triggers, especially on windy days. The slightest pole movement is enough to send a trigger.

Your sensor's beam is most accurate up to 80-100 feet. It is possible for this unit to detect large moving objects up to 400 feet. For best results in monitoring your driveway, the following instructions should be followed:

- Mount your sensor about 3 feet high.
- Tilt your sensor down (slightly) and aim at the center of your driveway. Because this sensor is designed to pick-up moving objects 80-100 feet away, it is always recommended to tilt the sensor down and aim at the center of the driveway. By doing this, you are physically stopping the sensor's beam. This will reduce the chances of picking up waving grass or other objects moving in the far distance. It is very possible for this unit to detect up to 400 feet away.
- You can extend the wire for even higher mounting.

XtralertTM 8 Mile Outdoor Transmitter

Manual

Removing the Front Cover



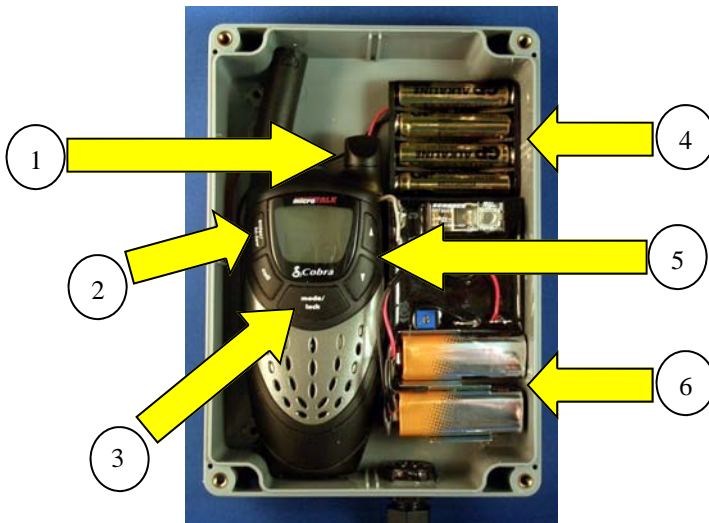
Using a Phillips loosen and remove the 4 screws which secure the front cover to the unit.

USE CAUTION when removing the front cover. It is very important not to damage the pin attached to the front cover of the housing. Damaging this pin will cause your system not to operate.

When replacing the front cover, it is very important that the pin be placed on the same side of the case as the radio. Placing the front housing on backwards will cause your system not to operate.

When tightening screws, tighten in a diagonal pattern (ex; top left, bottom right, top right, bottom left) until snug. Do not use an power screwdriver, as this will over-tighten them which will cause the front case to crack.

Internal Component Overview



1. Power/Volume Control
2. Enter/hi-low
3. Mode/lock
4. 4 - AAA Batteries/Holder
5. Up/Down Arrows
6. 2 - 9 Volt Batteries/Holder

Changing Channels

It is EXTREMELY important that ALL sensors and receivers are on the same channel AND sub-channel. Failure to assign the same channel will result in unit(s) not working. If you have more than one sensors and would like to determine which sensor sent the alert, you can change the change the CALL TONE on each sensor. DO NOT have additional sensors on different channels and/or sub-channels. THEY WILL NOT WORK!

Changing the radio channel

1. Turn on the internal radio.
2. Press the Up/Down arrows until the screen displays the channel of your choice
3. Turn the radio "OFF" and back "ON"
4. Verify that the setting was saved by looking at the screen. If the channel that you just selected is not being displayed, start over with step #1.

Changing the radio sub-channels

1. Turn on the internal radio
2. Press the mode/lock button 1 time
3. Press the up/down arrow until the sub-channel of your choice is displayed on the screen.
4. Press enter/hi-low

XtralertTM 8 Mile Outdoor Transmitter

Manual

Changing Call Tones

1. Remove the front cover.
2. Turn ON the internal sensor receiver by lightly pressing (on the inside corner) and rotating the power/volume dial. Note: if the dial does not easily turn, please gently try turning it in the other direction. Be sure to have the volume turned up so you are able to hear the different call tones.
3. Press mode/lock button "11" times. You should have the letter "C" with a two (2) digit number following it (01-10). Each number represents a different call tone.
4. Press the arrow up/down button. You should be able to hear the call tone. If you can not hear the call tone: rotate the volume knob to turn up the volume.
5. Once you have determined which call tone you want, press the "enter/hi-low" button. You have successfully changed your call tone.
6. **DO NOT FORGET TO TURN OFF THE POWER SWITCH BEFORE REPLACING THE FRONT COVER!**

Changing Batteries

Your system comes with pre-installed batteries.

Your unit uses (4) AAA batteries and (2) 9 Volt batteries. The best way to determine which batteries need to be changed is by testing them with a volt-meter. Normal battery life should be about 1 year depending on the number of triggers

1. Remove the front cover
2. Remove the batteries you are changing.
3. Insert the new batteries. Note: batteries must be inserted with the correct polarity.
4. Once you have changed the batteries, test the unit.
5. Make sure radio switch is "OFF"
6. Replace housing cover. ***Inside pin need to be on the same side of housing as the radio***

AAA BATTERIES FIT VERY TIGHT IN HOLDER. WHEN REPLACING YOUR AAA BATTERIES PLEASE MAKE SURE THAT THEY ARE COMPLETELY INSTALLED. TAKE AN EXTRA SECOND TO APPLY FIRM PRESSURE TO THEM, MAKING SURE THAT THEY ARE COMPLETELY INSTALLED.

Optimal Radio Settings

The following settings have been set for you upon production of your unit and should be "OFF". However, should these settings accidentally be changed, you need to be aware of how to change them back.

Music Notes: OFF

ROG: OFF

To turn music notes "OFF"

1. Turn the radio on.
2. Press mode/lock "13" times. You should have a flashing musical note on the top of the display.
3. Press the Up or Down arrow until the display reads "OFF"
4. Press enter/hi-low"

To Turn ROG "OFF" (Roger Beep)

1. Turn the radio on.
2. Press mode/lock "12" times. (ROG) should be flashing on display.
3. Press the Up or Down arrow until the display reads "OFF"
4. Press enter/hi-low

DO NOT FORGET TO TURN THE RADIO OFF AFTER MAKING ANY SETTING ADJUSTMENTS

IT IS NOT NECESSARY, NOR RECOMMENDED, TO CHANGE ANY OTHER SETTINGS ON THE TRANSMITTER RADIO!



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LIMITED WARRANTY

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Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect or consequential damages or delay. Seller does not represent that its products may not be compromised or circumvented by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery, or fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.

CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THAT THE PRODUCT FAILS TO GIVE WARNING. HOWEVER, IF SELLER IS HELD LIABLE WHETHER DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OF ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a day.

Any returns or refunds from Jansen Electronics require a return authorization number for any reason. Call 815-232-3093 to obtain an RA#. Packages will be refused and returned to sender if no RA # is on written outside of package. No Refunds On Shipping Charges!

Proof of purchase from an authorized dealer of Jansen Electronics must be provided for all warranty claims. Once item is received and inspected, Jansen Electronics will have the option to repair or replace the defective product. Any alteration of the units serial # or units purchased from unauthorized dealers will void any warranty. Any misuse, physical or liquid damage, modifications, or alterations to product will void warranty.

Jansen Electronics is not responsible for any refunds for products purchased from authorized dealers. Consumer must contact dealer directly for their return procedures.

Return procedures for 30 day money back guarantee policy for products purchased directly from Jansen Electronics:

1. Call for a Return Authorization number (RA#) before sending the unit back 815-232-3093.
2. Product must be shipped back to Jansen Electronics within 30 days from receipt of product(s)
3. Original receipt must accompany the product for refunds and warranty issues.
4. Customer is responsible for proper shipping, packaging, and insurance to Jansen Electronics.
5. Any misuse, physical damage, liquid damage, or alteration to product will void refund policy and warranty.
6. Dealers will use their own standard return/restock policies.
7. Minimum 20% restock fee will apply to merchandise returned in used condition.
8. Items returned for full credit/refund must be in like new saleable condition with all manuals, accessories, original packaging with no cosmetic scratches, dents, or cracks, modifications, physical or electrical damage, misuse of product, etc.