

WIRELESS 1000

Congratulations on your purchase of the Optex Wireless 1000. This instruction sheet is for quick installation of driveway and yard applications only. For over doorway and other more specialized applications please refer to the more detailed and advanced instructions included in the box.

After opening the packaging, locate the TD10 Sensor. Swivel the "eye" part of the sensor upwards as far as it will go. This must be done before the battery is installed. When the "eye" is swiveled upwards as far as possible it should appear as in figures 1 and 2.



Figure 1
After you have swiveled the sensor upwards it should be aiming straight in front of it and not towards the ground.



Figure 2
When properly swiveled all of the way and set to "long range" the red light should appear in the top left portion of the clear plastic with the word "long" beside it. (the light only appears when the sensor detects motion)



Figure 3
The Sensor comes from the factory with the eye looking downward for over doorway applications. The eye must be swiveled upwards for driveway applications

Now open the sensor by gently pushing down with a key or other small blunt tool on the locking tab located at the top of the sensor. You may now adjust the sensor to "long range" pattern by rotating the dial (where the battery wires emerge) so the arrow is pointing towards "L"(long range).

Now install a good quality alkaline 9 Volt battery to the battery connector and snap the battery into its bracket. The sensor may now be closed and should appear as in Figure 2.

Next locate the RC10 receiver and power it with the included power adapter. Slide the on/off switch on the side of the receiver to "on" and the green and red lights should begin flashing. It is now in "learn mode" and it is ready to learn the code from your sensor. Wave your hand in front of the sensor until your receiver sounds a "ding dong".

Now turn the receiver off and back on again and you are complete. You may now mount the sensor on a tree or post and locate the receiver in a central location where you will hear the chime. It is usually best to test the system first by placing the RC10 receiver outside of the house so you may hear it activate when you walk by the sensor on your driveway. Walk by the sensor's eye, wait 10 seconds and walk by again. This will allow you to observe the red indicator light on the TD10 sensor and hear the chime at your house.

The RC10 has three chime sounds to choose from. Zone 1 is a "ding dong". Zone 2 is a rapidly repeating and decreasing chime. Zone 3 is an electronic ringing. (Zone 4 is the same sound as Zone 3 but it must be reset). To select a different chime from the factory default "ding dong", simply turn off the RC10, hold down button 1 and turn the RC10 on again. (this erases it's memory) The green and first red light should be flashing. If you activated the TD10 sensor now it would be learned into Zone 1. Press button 2 once to prepare the RC10 to learn the TD10 into Zone 2 or press it again to learn the TD10 into Zone 3. The corresponding red zone light will advance as you make your choices.

Once you have selected your Zone, activate the TD10 sensor, wait for the proper Zone's sound, turn the RC10 off and back on again. You may now adjust the volume by simply pressing button 2 until the desired volume level is reached.

Other key points for successful operation are:

- ** Use only a good quality alkaline battery
- ** Mount the sensor so it's "beam" is 2.5 to 3 feet off the ground. Too high will cause the sensor to miss some cars and too low will cause the sensor to detect small animals.
(Note, it must "see" the heat from an engine to detect a car. Cars with cold engines just leaving may not be detected)
- ** Like all infrared sensors, it may not detect during heavy rain or fog because the infrared heat is diffused.
- ** The sensor's "beam" is designed to be very narrow. Generally it only detects people and cars directly in front of it.
- ** The radio range from the sensor to the receiver is 1000' over open field. Trees, hills and buildings will reduce this range. If you are having trouble with the range move the sensor closer to the receiver and try locating the receiver in front of a window facing the sensor.
- ** Avoid locating the receiver near other electronic devices such as cordless phones, baby monitors, stereos, radios etc.
- ** Avoid aiming the sensor at reflective leaves or water that might reflect the Sun's infrared light and cause false detections.