

DA-611

Drive-Alert Transmitter with External Sensor

DA-611



DA-611 installation illustration of the sensor buried under the drive and the receiver hidden in a nearby tree.

The **DA-611 Remote-Sensor/Transmitter** is designed to work with any of the Wireless Drive-Alert Control Panel/Receivers:

Models: DA-600, DA-603, DA-604, DA-605

The DA-611 Transmitter/Sensor is identical to the DA-610 typically used with the Wireless Drive-Alerts with one exception: in the DA-610 the sensor is within the transmitter box, in the DA-611 the sensor is attached by a fifty foot cable to the transmitter box. This allows the sensor probe to be buried under or next to the driveway or area to be monitored, and the transmitter box to be hidden at a remote location. By stabilizing the sensor mounting, the system sensitivity is enhanced. Best transmitting range is still achieved by mounting the transmitter in an elevated position; a post (metal, wood or concrete), tree, or a convenient building can be used. However a 500 foot range, transmitter to receiver, can be obtained with the transmitter box on the ground, if no hills or dirt mounds are in the line of sight. Excess probe cable can be coiled.

The Sensor probe should be placed next to or under the driveway at least 75 feet from any street or road traffic to prevent false alarms. Reducing sensitivity by 50% would allow 60 foot distance from street or road traffic; however detection range for driveway vehicles is reduced to 12 feet, which should be adequate for most 20 foot wide driveways if the probe is placed right at the edge of the drive. The probe can be placed in any orientation, parallel or perpendicular to the drive.

DETECTION OF VEHICLES -

Distance from probe for a standard-size modern sedan moving 5MPH.

Maximum sensitivity	17 feet
Factory set sensitivity	16 feet
75% sensitivity	14 feet
50% sensitivity	12 feet
Minimum sensitivity	10 feet

For most homeowner installations, the probe should be buried 6 -12 inches below ground and the cable 3 - 6 inches. NOTE: Try the system above ground temporarily before burying. The entire system, probe, cable and transmitter can be above ground if there is little risk of probe or cable damage and the probe cannot move. Any movement of the probe will trigger an alarm. If occasional false alarms occur, reduce sensor sensitivity by turning the small brown sensitivity control slightly counterclockwise. Due to the large magnetic field disturbance, lightning strokes in the vicinity will cause an alarm. It is also possible for current variations in nearby power lines to cause an alarm.

Call us with any installation or technical questions: we'll be happy to help.

Don't forget to check out our website for more products!



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