

124 Springville Road, Unit 3, Hampton Bays, New York 11946

The P8500 & P8500C

Directional Vehicle Detection

Overview

The **P8500** is the new directional probe kit. The package consists of two (2) Basic Probes with 25 foot leads and a direct burial splice kit. This package replaces the old P8000 dual headed probe. Installation is still very similar. Each detection head is placed fifteen feet apart from one another and is spliced to a direct burial cable back to the control box. Direct burial Cat 6 is ideal. Each probe requires two (2) conductors. If the driveway is not more than fourteen (14ft) feet wide the probes can be placed on the side of the driveway. However, this package makes it easier to install probes in the center of the driveway for entrances up to twenty eight (28 ft.) wide. We recommend soldered connections for your splice and using one pair of wires in the Cat 6 per one Probe conductor.



P8500

Directional Probe Kit



P8500C

Complete Directional Probe System

The **P8500C** is a complete package system. It includes everything you need except the direct burial cable. This system will give one relay output for inbound vehicles and a separate relay output for outbound vehicles. Normally, the system is used for directional applications. System versatility allows for the occasional need to cover two driveways where directionality does not matter. For this application you would simply place a probe at each entrance and flip a switch in the main control box.

The **P8500C** includes a wireless sounding system. The sounder plugs into your standard electrical outlet. It has over fifty melodies and four volume levels. Up to eight chime receivers can be used. Non-volatile memory means the chime receivers can be moved from place to place without reprogramming.

System Features

- * Individual outputs based on traffic direction
- * Black, Nema III Enclosure
- * Most commonly used for annunciation
- * Two (2) Basic Probes with 25 leads are included
- * Direct burial splice kit is included
- * Can be used for two driveways in non-directional mode

Probe Features

- * Probe covers driveways up to:
 - 14 ft. wide (Beside driveway)
 - 28 ft. wide (Center of driveway)
- * Responds only to moving ferrous metal
 - Does not detect animals or blowing debris
- * White thin wall PVC:
 - Max. Dimensions: 10.5" long x 1.25" Diameter
 - Wire lead: 25 feet of 22/2 shielded direct burial cable

System Specifics

- * Operating Voltage: 12VDC
- * Current Consumption: 55 mA
- * Form "C" relay output, 24 VAC, 1A
 - Dry contact (4 second momentary)
- * Full control of Probe sensitivity
- * Box dimensions: 6.5" W x 8.5" L x 3.5" H
- * Includes: (1) N3BOX, (1) HA2, (2) GRND2, (1) P8500 KIT, (1) 12VDC1, (1) RXTX612

Sounder

(Included in P8500C)

- * Non-volatile memory
- * RXTX612: Transmitter: 12 VDC, 315 mhz/433 mhz
 - 3" L x 2" W x .75" H
 - Approx. 500 ft range.
- Chime receiver: 110-130V
 - 25-110dB
 - 3.5" L x 3" W x 1.5" H