

Remote System

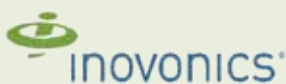


CP-1TT Remote System

System Features

- Sensor buried beside driveway
- Covers 12 foot wide driveway
- Single zone system
- Triggers most any RF and Satellite transmitter
- For use with Solar Power
- Two systems: 9 volt and 12 volt
- Small circuit board for mounting in outdoor, weatherproof box
- Under 60 μ A standby current
- N.O. and N.C. relay contacts
- Manual trip test button
- RFI/EMF protected
- Adjustable sensor sensitivity
- Adjustable relay time

Cartell Recommends:



This is a remote vehicle detection system used to trigger RF and Satellite transmitters for interface with wireless applications.

Two models are available: 9 volt and 12 volt. Most of the sensitive electronics are located in the sensor probe, leaving a small 2½ square inch external circuit board conformal coated for installation in an outdoor, weatherproof box.

With relay time and probe sensitivity adjustments and the choice of normally open and normally closed dry relay contacts, this is one of the most versatile remote vehicle detection systems available in the market today. For instructions on how to use with Inovonics and Linear, see opposite page or visit www.cartell.com.

System Components

Each of the following must be purchased separately to make a complete system:

1. CP-1TT (includes sensor probe and external circuit board, 9 volt and 12 volt models)
2. Transmitter and receiver (not available from Preferred. Cartell suggests Inovonics or Linear.)
3. CT-2B (for sound) or CF-2C (for lights and sound) with transmitter/receiver for stand-alone system or to trip security or home automation panels

System Application

Use this system to trip a transmitter (RF or Satellite) for remote areas as a wireless interface. The 9 volt model operates on an alkaline battery for about six months or a lithium battery for up to two years. A second model operates on a 12 volt battery.

Technical Specifications

	CP-1TT-9V	CP-1TT-12V
Power Required	7.5 - 10 VDC (9 volt battery)	10 - 15 VDC (12 volt battery)
Stand-By Current	Under 60 μ A	
Alarm Current	50 mA maximum	30 mA maximum
Relay Contacts	Single pole, double throw relay with COM., N.C., N.O. contacts	
Relay Contact Rating	1 amp/24 VDC (1 mA at 5 VDC min. load)	
Relay Time	½ - 2 seconds	
Temperature Range	-25° F. - +150° F. (-32° C. - +75° C.)	
Dimensions (Probe)	22" long x 1¼" diameter	
Dimensions (Board)	2⅞" x 2¾"	
Weight	5 lbs. with 80 ft. cable	

Wireless Instructions

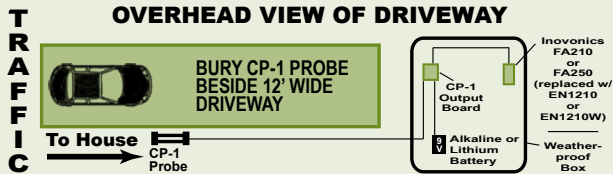


Figure A

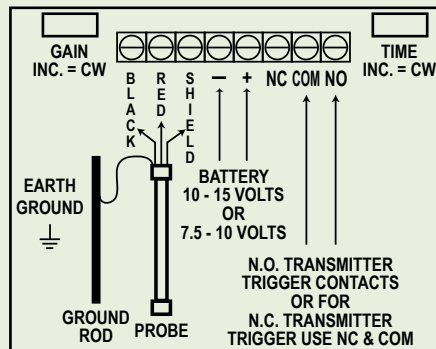


Figure B

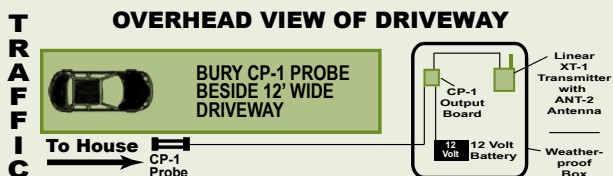


Figure C

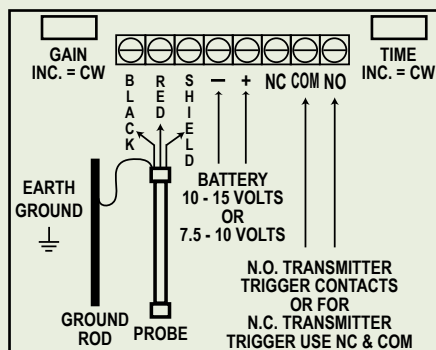


Figure D

Going Wireless with Inovonics

See Figure A.

1. Install the CP-1 probe beside a 12 foot wide driveway
2. Install the following in a weatherproof box:
 - CP-1 output board
 - 9 volt Alkaline or Lithium battery
 - Inovonics Transmitter Model FA210 for ranges up to 1000' (which has been replaced with Model EN1210).
3. See Figure B. Hook the CP-1 probe, 9 volt battery and Inovonics Transmitter to CP-1 output board as seen in Figure B.
4. On the CP-1 output board, turn the relay time potentiometer fully clockwise for maximum relay time.
5. To receive the signal, install an Inovonics FA401R receiver (new product number is EN4204R) in the home.

Going Wireless with Linear

See Figure C.

1. Install the CP-1 probe beside a 12 foot wide driveway
2. Install the following in a weatherproof box:
 - CP-1 output board
 - 12 volt battery
 - Linear XT-1 Transmitter with Linear ANT-2 Antenna
3. See Figure D. Hook the CP-1 probe, 12 volt battery and Linear XT-1 Transmitter to CP-1 output board as seen in Figure D.
4. To receive the signal, install a Linear XR-1 Receiver with a Linear ANT-1 Antenna in the home.