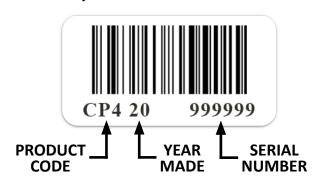
INSTALLATION INSTRUCTIONS FOR CP-4 AUTOMATIC GATE OPENER*

1. SERIAL NUMBER

There is a barcode serial number on the bottom of "puck" and on the product box. When calling to talk about your product, please have this number handy.



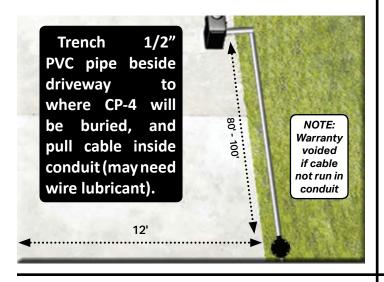
4. CONNECT TO GATE

CP-4 works with all gate operators—powered or solar. Connect wires as follows:

POWER GATES	SOLAR GATES
ho RED $ ightarrow$ POWER +	RED → POWER +
BLACK → POWER -	BLACK — GND or COM
WHITE \rightarrow COMMON BLUE \rightarrow EXIT N.O.	RILIE TREE EXIT
YELLOW → EXIT N.C.	or OPEN TERMINAL

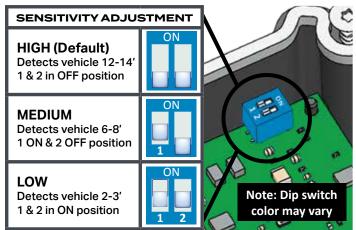
VOLTAGE	CURRENT
8-24 VAC	Standby: 30-70 µA
8-30 VDC	Alarm: 40-60 mA

2. TRENCH PIPE & CABLE



5. TEST SENSITIVITY

NOTE: IN MOST CASES SENSITIVITY WILL NOT NEED TO BE ADJUSTED.



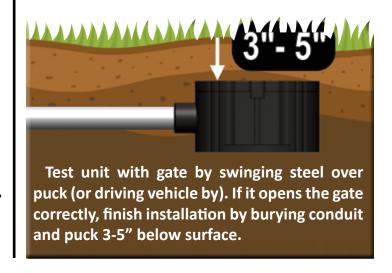
3. CONDUIT & SLIP JOINT



After pulling cable through plastic conduit, insert conduit inside slip joint on "puck."

<u>DO NOT GLUE</u> (to un-install later, if needed).

6. BURY CONDUIT & "PUCK"



OTHER INSTRUCTIONS

- CP-4 may be installed above ground by screwing "puck" directly to post or building
- If above ground, make sure puck is immovable to eliminate false alarms
- If installed above ground, conduit is required to mechanically protect cable (animals will eat)

Install CP-4 at least:

- 6-10 feet away from buried power, telephone, or invisible dog fence
- 10 feet away from natural gas lines
- 20 feet away from power pole with a transformer
- 100 feet back from railroad traffic
- 200 feet away from high power substation power lines
- 80-100 feet back from gate operator

Technical Specifications		
Power Required	8-24 VAC or 8-30 VDC	
Stand-By Current	30-70 Microamps (μA)	
Alarm Current	30-40 Milliamps (mA)	
Relay Time	2-3 seconds	
Relay Contacts	SPDT, floating, N.O. or N.C. (Form C)	
Relay Contact Rating	1 amp/24 VDC (1 mA at 5 VDC min. load)	
Enclosure Rating	IP67	
Strength Rating	9.53 ton-force 8646 kgf	
Temperature Range	-25° F. – +140° F. -32° C. – 60° C.	
Dimensions	4.5 in. dia. x 2.5 in. high	
Weight	5 lbs. with 100 ft. cable	

RETURNING MERCHANDISE

CONSUMER: Contact us at (800) 878-7829

INSTALLER: CALL BEFORE DIGGING UP

Call us to troubleshoot and receive a Return Merchandise Authorization (R.M.A.) number. Write R.M.A. number on return shipping box and any correspondence included with defective product.

5 YEAR WARRANTY

All Cartell products are warranted against defects in material and workmanship for five years.

This warranty does not cover defects caused by, but not limited to: acts of God, improper installation, abuse, fire damage, electrical surges, and damage to cable caused by slicing, pulling, tangling, improper splicing or not running in non-metalic conduit.



The CP-4 complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.