



## S700 Quick Installation Guide

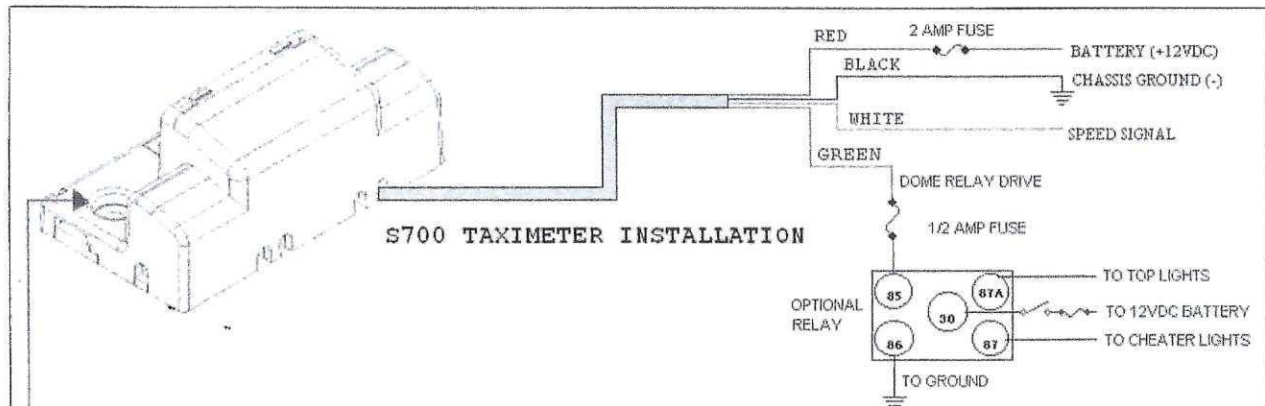
### Legal Notice and Disclaimer

Dear Customer:

Due to variations in use, governing regulations, and other variables, Centrodyne does not provide instructions regarding installation of the meter. The purchaser and/or user assumes sole responsibility for installing the meter in a safe manner and in compliance with regulations governing its use and operation. Centrodyne provides no warranty, expressed or implied, regarding the accuracy, adequacy, completeness, legality, or reliability of any calibration or installation of the meter. Centrodyne provides no warranty, expressed or implied, regarding compliance with any regulation governing the use and operation of the meter.

Centrodyne further disclaims any liability and damages (including without limitation any consequential, special, incidental, punitive, or exemplary damages) arising out of the calibration, installation, or use of the meter. In no event will Centrodyne be liable for any claim arising out of the calibration, installation, or use of the meter, whether in contract, tort (including negligence and product liability), or under any other theory of liability.

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Mounting Bracket: Provision has been made for two screws that may be used to secure the bracket to the mounting surface.

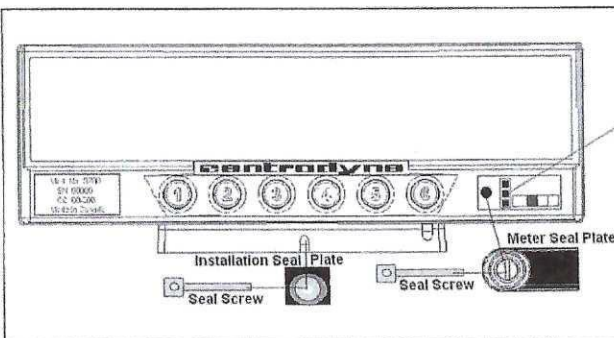
Red Wire – Power: Connect using a 2 amp in-line fuse directly to the +12 volts DC power source.

Black Wire – Ground: Connect to chassis ground (-).

White Wire – Speed Signal: Connect to the speed signal or other speed signal source. Ensure the taximeter's speed signal jumper behind the seal plate is set properly (see separate instructions).

Green Wire – Relay (Dome): If not used, tape off and isolate. If relay option employed, connect to post 85 using a ½ amp fuse to allow meter to drive the dome/top light relay. Connect post 86 to ground, post 30 via switch and fuse to +12 volts, post 87A to dome or top lights, and post 87 to cheater lights if required.

**CAUTION:** Always check with the vehicle manufacturer before making any electrical connections to the Taximeter. Follow the manufacturer directions to ensure a reliable and safe installation.



JP8



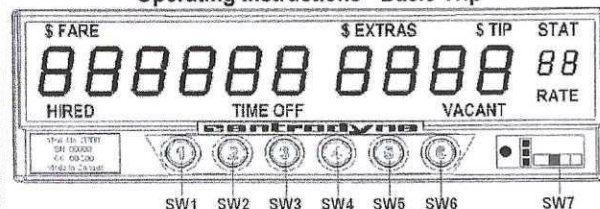
## Speed Signal Jumper Selection

- To set speed sensor input to digital (on/off, square wave), place jumper so that Pin 1 and 2 are connected.
- To set speed sensor input to analog (magnetic, varying amplitude levels), place jumper so that Pin 2 and 3 are connected.

## Sealing

- Secure meter to bracket with installation seal plate and screw.
- Secure access to programming with meter seal plate and screw.

## Operating Instructions - Basic Trip



**VACANT:** The taximeter is normally in the Vacant state. If required, press switch 6 to select rate. Press switch 1 (SW1) to Hire taximeter.

**HIRED:** When Hired the drop or initial charge is displayed in the Fare window. Press switch 4 (SW4) to add Extras, and switch 3 (SW3) to subtract Extras.

**TIME OFF:** At the end of the trip, press switch 2 (SW2) to go Hired – Time Off. If Extras have been entered, you may press switch 4 (SW4) to add the Extras to the Fare amount for a period of 5 seconds. To end the trip, press switch 1 (SW1) and the meter will return to Vacant.



**Basic Programming Instructions**

Break the wire seal, remove the sealing screw and programming access panel on the front, right hand side of the taximeter and slide the programming switch (SW7) to the left. For meters with Password Protection option, editing is blocked until the password is entered.

**Group 0 Calibration**

After the taximeter has been installed, the following steps should be performed:

1. Drive the vehicle to the beginning of a measured mile (km).
2. Slide SW7 to the left to enter programming mode. "0" should display in the Rate display. If not, see Group 6 Password Entry/Edit of the S700 Manual.
3. Press SW6 and the current meter calibration is displayed in the Fare window.
4. Press SW6 again and the last number in the Fare display will flash on/off.
5. Drive the vehicle over a measured mile (km) and the Fare display will show the speed signal calibration as you drive. If the taximeter does not count the speed signal pulses, the meter is not connected properly.
6. At the end of the mile (km), stop the vehicle, press SW6 to record the displayed calibration.
7. Slide SW7 to the right and test the meter over the mile (km) for proper Fare calculation.

If vehicle calibration is known, enter it using the same push-button sequence described in the following Groups below.

THE TAXIMETER WILL NOT BE AS ACCURATE IF YOU USE THE VEHICLE ODOMETER IN PLACE OF A MEASURED MILE (KM).

**Group 1 Rate: Sub Group 1-16**

**NOTE:** The RATE legend is illuminated when programming Rates 1-16

1. Slide SW7 to the left to enter programming mode.
2. Press SW4 until **RATE** 1 is displayed on the meter. Both **RATE** and the number 1 flash on/off.
3. Press SW6 to select Group 1 Rate and only the number 1 flashes on/off.
4. Press SW4 to select the desired Rate to be edited (1 to 16). (SW4 increases and SW3 decreases the number selected)
5. Press SW6 and the flag drop is displayed in the Fare display and a "1" is displayed in the Extras display. Press SW4 to step up through the list of Items and SW3 to step down through the list of items. The Item number, 1 through 8, is shown in the Extras display and the amount or value is shown in the Fare display.

Item	Description	Example	Meter Display	Your Fare
1. Flag Drop	Initial dollar charge	\$ 1.25	001.25	
2. Drop Distance	Fraction of mile (km) fare increments	1/10 mi(km)	00.100	
3. Distance Rate	Dollar amount charged per mile(km)	\$ 1.00	001.00	
4. Time Rate	Dollar amount charged per hour	\$12.00	012.00	
5. Fare Increment	Amount charged per fraction of mile(km)	\$ .10	000.10	
6. Extra Increment	Amount charged for extras	\$ .50	000.50	
7. Maximum Extras	Max charge allowed for extras	\$99.99	099.99	
8. Tax Rate	Percentage tax rate	10.0%	010.00	

TYPICAL DROP DISTANCES IN DECIMAL VALUE		
1/10 = .100	1/7 = .143	1/4 = .250
1/9 = .111	1/6 = .167	1/3 = .333
1/8 = .125	1/5 = .200	1/2 = .500

**➤ To change the Flag Drop:**

1. Press SW4 (or SW3) until Item "1" is shown in Extras display.
2. Press SW6, the last number in the Fare display will flash (if not, the meter has Password option).
3. Press SW4 to increase or SW3 to decrease the flashing digit to the number you want.
4. Press SW2 to move to the next position to the left (or SW5 to move right) and the number will begin to flash.
5. Repeat this sequence (SW4/SW3 and SW2/SW5) until the Flag Drop you want is displayed.
6. Press SW6 and the displayed Flag Drop will be entered into the meter.
7. Press SW4 and the next item, drop distance in decimal, is displayed.

Continue using the sequences above to change the rest of the Items for all required Rates.

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