

# MODEL TR-3, GPS Time Reference

for 170, 2070 and NEMA Controllers

## RTC

"Serving the Traffic Signal Industry since 1987"



Navstar  
Global Positioning System



GPS Receiver  
mounts to top of signal cabinet



GPS Time Reference

170  
Controller

2070  
Controller

NEMA  
Controller

- \* NO SOFTWARE OR LAPTOP REQUIRED
- \* SIMPLE INSTALLATION
- \* NO SPECIAL TRAINING
- \* VERY COST EFFECTIVE
- \* CONTACT CLOSURE OR OPTIONAL RS-232 OUTPUT

- RTC GPS receiver assembly mounts to top of traffic signal cabinet and plugs into the DB9 connector on the TR-3.
- RTC GPS receiver locks onto 3 satellites for ultra-accurate time reference.
- TR-3 provides a contact closure or optional RS-232 output to set the exact time-of-day in 170, 2070 or NEMA controllers.
- Programming set on circuit board, no external programmers required.
- TR-3 is programmable to automatically adjust for Daylight Savings Time.
- 16-character, alphanumeric Liquid Crystal Display (LCD) displays Acquiring Satellites, then Day-of-Week and Time-of-Day when locked.
- LED indicates when satellite lock is acquired.
- CPC Connector and Harness wired to 120VAC or 12VDC power source and to controller.
- Compact size:  
7.6"h x 3.7"w x 1.55" d

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