



# NetClock® Accessories

## GPS Antenna — Outdoor

Model 8225



- Tuned to receive 1575.42 MHz L1 band satellite transmissions
- Frequency response: 1575.42 ± 1.023 MHz
- 30 dB gain
- Features a weatherproof compact design measuring 3.5" in diameter
- Five-year limited warranty

## GPS Antenna — Indoor

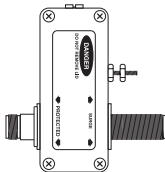
Model 8228



- Tuned to receive 1575.42 MHz L1 band satellite transmissions
- Frequency response: 1575.42 ± 1.023 MHz
- 27 dB gain
- Easy installation
- Ideal for locations where roof access is not readily available
- Small and unobtrusive to window view

## GPS Antenna Surge Protector

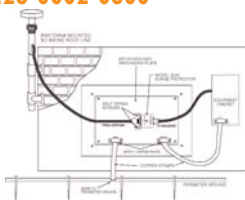
Model 8226



- Protects the receiver from damaging voltages that could affect the antenna coax. Voltages exceeding the impulse suppressor trip point are shunted to the system ground
- Designed to withstand multiple surges
- Recommended for all products that use an outdoor antenna

## Surge Protector Grounding Kit

Model 8226-0002-0600



- A single point ground connection for the GPS Antenna Surge Protector, equipment rack, GPS receiver, and other surge protection devices to a perimeter ground system
- Recommended to provide protection from lightning strikes

## GPS Antenna Amplifier

Model 8227



- Required whenever long antenna cable lengths reduce or weaken the GPS signal below the receiver's recommended minimum input level.
- Necessary whenever antenna cable lengths exceed 300 ft. with the NetClock® 91xx/92xx. The maximum cable distance when using the preamplifier is 700 ft.



## GPS Antenna Splitter

Model 8224



- Eliminates the expense of a second antenna/cable run
- Enables the ability to share an existing antenna with another GPS receiver device
- One DC-blocked output to prevent antenna damage
- No need for external power
- Five-year warranty

## PresenTense Network Management Software

Models S-NTP-XXX-X



- Manage, synchronize, and simplify an entire Windows network referenced to a Stratum 1 NetClock
- Replaces W32Time utility
- Shorter time sync intervals for superior timing accuracy, real-time monitoring, loss of time sync alert, support for redundant time sources, and easily accessed record logs all are provided in an intuitive, easily implemented package
- Available for server and client, NTP auditor, LAN time analyzer

## TimeView® Displays

Models 210, 312, 400



- Perfect for time and attendance systems, general displays, and alarms
- Wireless or wired versions (Models 210, 400 only)
- Highly visible LED digits (Models 210 [2"], 400 [4"] only)
- Analog clock with step second hand (Model 312 [12"] only)
- Switch-selectable 12/24-hour format
- Accurate to 250 milliseconds relative to UTC
- Self-adjusting after power interruption

## Ethernet Time Server

Model 9288



- Stratum 1 NTP v2, v3, v4 Time Server via RS-485 from a NetClock
- Stratum 2 (up to 15) via NTP servers
- High bandwidth NTP performance
- Ideal for synchronizing a separate LAN segment
- Ethernet 10/100 Base-T
- Five-year limited warranty

## Premium Support Package

Model PSP



- 24/7 technical customer support for down mission-critical systems
- Express 24-hour loaner service that is sent out the next business day
- Free loaners (normally a \$100/mo. minimum charge)
- Priority repair service—first-class rank for repair service (standard 10–14 days)
- Free ground shipping of repairs within in domestic United States only (normally a one-way charge)
- Automatic notification of maintenance releases and new features