



NTP100-GPS-HS

MASTER CLOCK NTP *HIGH STABILITY* REFERENCE

FEATURES

- NTP Reference for Ethernet LANs in self-contained box
- Time synchronized to atomic clock in GPS satellites providing Stratum 1 accuracy
- Typical holdover stability of 1ppb/day using high precision internal OCXO during GPS loss.
- NTP query(unicast), multicast, or broadcast modes
- Assignable network configuration
- Telnet or serial interface – Discovery Tools included.
- Uses state-of-the-art 8 channel Trimble receiver module
- Includes pre-amplified antenna, antenna cable, and mounting kit
- Rackmountable in our RM4 or standalone
- 115/220 VAC or 9-28 VDC operation



NTP100-GPS-HS
Front



NTP100-GPS-HS
Rear

SPECIFICATIONS

OUTPUTS

- NTP reference for query(unicast), multicast, or broadcast mode – user definable

RACKMOUNT

- Optional rack mount kit is available - see RM-4

PHYSICAL

- Size – 6.75 x 4.13 x 1.5 in. (17.15 x 10.48 x 3.81 cm)
- Weight -- 17.3 oz. (490.5 g)

CASE

- Cover - pearl white aluminum
- Front/rear panel - clear anodized aluminum

CONNECTORS

- RJ45, 10/100 MB / sec Ethernet connection
- Antenna – SMA
- DC input – 2 mm jack.

TIME REFERENCE

- When synchronized : Atomic clocks in GPS satellites - long term accuracy same as GPS atomic clock
- After initial synchronization and 30 days aging, and (if) upon loss of GPS signal the NTP100 will revert to an internal oven controlled crystal oscillator (OCXO) and maintain typical holdover accuracy of 1ppb/day (<19mS/day) or <7sec/year

POWER SUPPLY

- 12 VDC external wall mount supplied, UL & CE listed
- 115/230, 50/60 Hz
- Supplied with US, Euro-plug, British or AUS/NZ - others optionally available
- Optional threaded locking plug for DC input - specify "PS-Locking" option when ordering

ANTENNA

- A weather-proof, pre amplified antenna is included in basic package with 16'5m of coaxial cable.
- A weather-proof pre-amplified antenna, 50'15m cable, antenna mounting kit is included in standard package. Other antenna packages are available.