

BRG NTP Time Server

Stratum 1 GPS Synchronized Time Server



System includes:

- NTP timer server w/power adapter
- GPS Antenna w/mounting bracket & 25ft of cable
- 100ft of additional low-loss antenna cable
- 10ft Cat5 cable to connect to network

The BRG NTP Network Time Server is a simple to use GPS based time server that will supply accurate Stratum 1 time for all computers and time keeping devices on the network. The BRG time server incorporates the proven TimeMachines NTP engine to provide accurate and reliable time. By placing a time server on the local network, NTP time packets are provided, without requiring systems to go to the Internet to obtain time synchronization. The system uses an active GPS antenna to maintain the current time as broadcast by United States GPS satellites. With this device installed on your local network, there is no longer the worry that if the Internet connection goes down, time synchronization is lost across the network.

The rack mount device can be placed anywhere within the network layout. The built in high sensitivity GPS receiver is able to lock on to multiple satellites, in some cases, from within many buildings or from a window location. The dome outdoor antenna includes 25 feet of antenna cable, plus another 100 foot extension cable for a total length of 125 feet. Additional cable may be added as needed. Up to 325 feet of low-loss 70 ohm antenna cable can be used without signal loss.

BRG NTP time servers are suited to any application where coordination of events at multiple locations is required. Education, industrial facilities, military installations, public safety command rooms, government, broadcasting, and hospitals are all candidates for synchronized time systems.

Time Server Specs:

- Stratum 1 GPS Synchronized Time Server
- Automatic satellite acquisition/synchronization
- GPS Signal lock indicator
- Simple to use time server configuration software
- Easy to read 6 digit LED Display
- Password protected
- Control buttons located on the front of server for convenience. The buttons are used to:
 - Change LEDs to display:
 - Time
 - Date
 - Firmware Version
 - Manually change configurations
 - Do a software reset
 - Restore factory defaults
 - Store customer defaults
 - Restore custom defaults
- Maintains time during power loss
- GPS antenna connection
- 10/100 Ethernet port
- RS232 connection
- 1 DIN rack mountable case
- 1 2 VDC power supply
- SMA to BNC adapter
- BNC coupler
- Dimensions: 19"W x 1.75"H x 8"D
- Weight: 2.0 lbs.

Antenna Specs:

- Outdoor dome GPS antenna
- 25ft of cable with BNC connector
- 100ft of 70 ohm low-loss extension antenna cable
- Swivel mount allows for vertical or horizontal mounting



800-295-0220
Fax: 316-788-7080
sales@brgproducts.com
www.BRGPrecision.com