Network Time Displays

ND-2 and ND-4 NTP Referenced Digital Clocks

Key Features

- Digital Clock Automatically Synchronizes with NTP Network Time Servers Over an Ethernet Network
- 2 or 4 Inch Digit Sizes
- High Visibility with Adjustable Brightness
- Multiple Time and Date Formats
- Remote Network Configuration Management
- All International Time Zones
- Daylight Savings Support
- High Quality, Professional Appearance

Symmetricom's Network Time Displays are maintenance free clocks that keep accurate time by synchronizing their time - over the network – to a network time server. The ND-2 and ND-4 use existing Ethernet network infrastructure and the standard network time protocol (NTP) to keep the time correct. Select between several time display formats including 12 or 24 hour format. All international time zones are supported as well as daylight savings time transitions so that the display should never need the time adjusted.

Display installation and configuration is an easy, cost effective task made even easier by using existing network wiring instead of requiring dedicated cabling to distribute time signals. This saves both time and money since it is not necessary to pull dedicated cabling (such as coaxial or RS-485) throughout a facility to transfer the time to the displays. Using wireless network connections can also make display installation in out-of-the-way locations even easier.

Once connected to the network, automatic network address configuration via DHCP coupled with our display discovery and remote management software makes for easy and complete configuration and control of the displays over the network from a single PC. You do not even need to physically see the display to change the settings and verify the correct time and time formats. Display configuration is saved to non-volatile memory to survive any power fail situation.

Each display is configurable to synchronize with a network time server and will accommodate a second time server as an alternate. These time servers need only be accessible over the LAN/WAN and support NTP.

The ND-2 and ND-4 displays lend themselves to a variety of applications. These displays look great in lobbies, manufacturing facilities, break rooms, equipment racks anywhere accurate time needs to be presented. Multiple displays also work well as time zone clocks in control rooms.