

TIMEAPP 200

NTP Synchronised Clock Display



DESCRIPTION

The TRANTEK **TIMEAPP 200 – NTP Synchronised Clock System** provides a means to have a distributed set of Digital LED Clock Displays all synchronised over a TCP/IP network to a Network Time Server.

The clock displays use the Network Time Protocol (NTP) to synchronise to a Network Time Server (NTS) on a LAN, WAN or over the Internet. Each Digital Clock Display is connected to the network via a 10/100BaseT Ethernet and serves a Web page for easy configuration.

The Timeapp 200 is easily set up over the network using a web browser. It can display time and date in a variety of formats with configurable time zone and daylight saving options you never need to adjust the time. The 65 mm wide viewing angle LED display has adjustable brightness and can be viewed from up 30m.

APPLICATIONS

The **TIMEAPP 200 - Synchronised Clock System** is ideally suited for situations where a time display is required that is always accurate without the need for manual adjustment and where all clocks must show the same time.

Applications include:

- ✓ Transport Terminals: eg. Train Stations, Bus Terminals, Ferry Wharves, Airports
- ✓ Building Complexes: eg Hospitals, Schools, Office Towers, Sporting Complexes, Shopping Centres
- ✓ Control Rooms: Power Stations, Distributed Control Rooms, Transport System Control Rooms
- ✓ Work Areas: eg Factories, Workshops, Trading rooms

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FEATURES

- ✓ Selectable time display formats, 24 hour, 12 hour, hh:mm, hh:mm:ss
- ✓ Selectable formats, including dd/mm/yy, dd Mmm yy, mm/dd/yy
- ✓ Adjustable time zones
- ✓ Automatic daylight savings adjustment
- ✓ LED size of 65mm gives 30m viewing distance
- ✓ Adjustable brightness
- ✓ Synchronises to NTS master clocks using NTP on LAN, WAN or Internet
- ✓ Unlimited number of clocks linked to NTS Server
- ✓ Web page for easy configuration and diagnosis
- ✓ Extruded aluminium frame
- ✓ International configuration options.
- ✓ Temperature compensated clock crystal keeps accurate time even when network or NTS server is down.

SPECIFICATIONS

Digital Displays:

LEDs: Super bright, 120° viewing angle, 5x7 LED characters
Character Heights: 65mm, custom sizes also available
Colours: Red

Power Supply:

AC Mains powered.

Operating Environment

Temperatures: 0° to 55° Celsius
Humidity: 5% to 95% Non Condensing

Dimensions (WxHxD):

Standard 65mm Clock: 532x161x102 mm
Character Size: 65x45 mm in 5x7 LED matrix, 5mm Dia LED

Communications:

10/100 BaseT Auto sensing Ethernet

Configuration:

Web browser. Initial IP address setting via pushbutton.

Accuracy:

From ± 100 milli-second to ± 0.25 second, depending on stratum level, the number of network hops and configured NTS polling frequency.

CONTACT



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