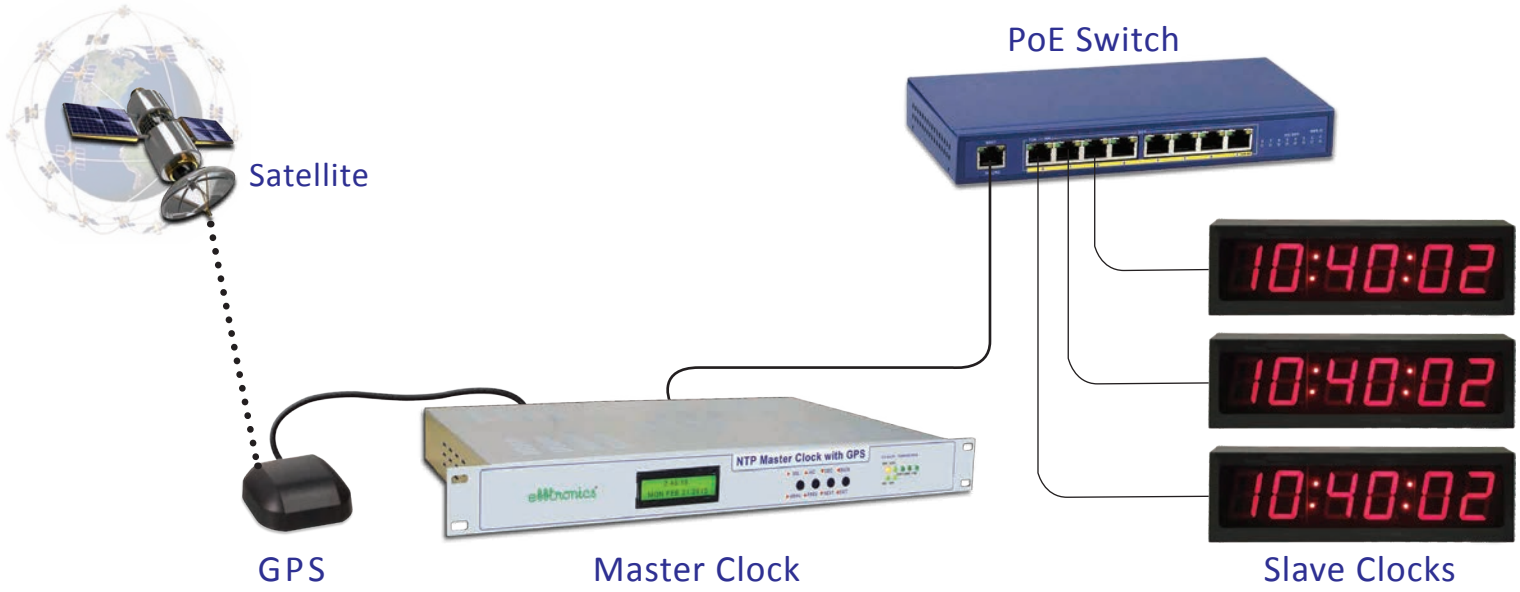
Since 1985

eMtronics®

To provide insight for enhancing wealth

MASTER-SLAVE (NTP) CLOCKS

NTP based PoE clocks provide highly readable, accurate and synchronized time across the buildings / organizations there by allowing smooth synchronization of time critical operations / workflows efficiently.



MASTER CLOCK

Master clock use Global Positioning System (GPS) time as reference. It is having local battery backed Real Time Clock (RTC) which is synchronized to the time information received from the GPS. In case of failure of GPS system, the clock's local RTC time shall be used for sync.

SALIENT FEATURES

- ❖ Easy to use web interface for changing time zone, local time, configurations etc.
- ❖ Automatic adjustment for Daylight Saving Time (DST)
- ❖ Scheduling for controlling the intensities of digital clocks automatically, through web console / keypad.
- ❖ Supports NTP v4 standard.
- ❖ 10/100BaseT Ethernet compatible & DHCP or static IP addressable.
- ❖ Ethernet port for driving slave clocks via NTP and serial port for connecting to GPS receiver.
- ❖ Enclosed in 19" Euro rack style enclosure of 1U.
- ❖ Works on 90V - 264V, 50Hz, single phase power supply.

MASTER - SLAVE (NTP) CLOCKS

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DIGITAL PoE CLOCKS

Digital clocks are built on Power over Ethernet (PoE) technology, getting time updates, configuration and power directly from Ethernet. This makes them extremely easy to install and simple to maintain.

SALIENT FEATURES

- Visible from over 150 feet
- 4-digit model include 4 inch HH:MM digits of red LED
- 6-digit model include 4 inch HH:MM:SS digits of red LED
- 12- or 24-hour time display option
- Automatic time synchronization by SNTP (Simple Network Time Protocol)
- Notification when out of sync with SNTP or no GPS sync.
- Built-in RTC (Real Time Clock) with battery backup.
- 10/100BaseT Ethernet compatible & DHCP or static IP addressable.
- Has in-built web server for easy user interaction.
- Works on 90V-264V, 50Hz, single phase power supply or on PoE (Power over Ethernet) complied to IEEE 802.3af standard.
- Possible to configure (intensity adjustment, time adjustment, time format selection etc.) slave clocks from remote PC via LAN.

APPLICATIONS

- Railway Stations / Bus Stations / Airports
- Hospitals
- Higher Education Campuses
- Manufacturing/ Industrial companies
- Government buildings

Note :

We can provide customized clocks based on specific requirements from customer such as:

- Colour of display
- Indoor / Outdoor
- Power Supply
- Web interface customization
- Clock size etc.

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