

4.0 inch Four-Digit  
Network NTP, Time of Day  
Master Clock 4-Wire Output  
DC-40N-Master-Clock-4W



## Features

- Atomic time from network (DHCP or Static) IP
- Time zone selectable (through software)
- Mounts to 2x4 or 4x4 electrical box (surface)
- All aluminum enclosure with powder coated finish
- Made in the USA
- Synchronizes secondary clocks via wired connection
- User selectable 12-24 hour format
- Large 4.0 Inch Super Bright Bar LED's
- Poly-Carbonate Lens
- Visible up to 200Ft.
- Factory serviceable modular design

## Options

- POE injector
- NEMA 4X Polycarbonate case
- Double face hall mount (Aluminum enclosure)
- 120 or 24 or 12 VDC Power
- Static display, timer, temperature available
- Surface mount stainless

## Specifications

- **Input Data** DHCP or Static IP NTP or SNTP
- **Output Data** Wired (1 Pair 22Ga.) Data +, Data -, 24VDC @ .5 Amp Off Ground Rail to Rail 9600 baud, 8N1, DC-Digital Protocol, approx. 4000 feet range, 100 devices max.
- **Display** 4.0 Inch, Four digit, Seven Segment, Red LED display
- **Enclosure** 14Ga. All Aluminum Enclosure; 16-1/4 Inches Wide x 6-3/4 Inches Tall x 3-1/4 Inches Deep
- **Weight** 3.0 Pounds
- **Power Source** 120 Vac Wall Adapter (12VDC @ 700 mA)
- **Operating Temp** 0° to 49° Celsius (32° to 120° Fahrenheit)
- **Case Finish** Black Textured Powder Coating
- **Cabling (Power)** Ethernet
- **Cabling (Data Output)** 1 Twisted Pair 22 Ga.

## Description:

The DC-Digital DC-40N-Master-Clock-4W time of day clock is designed to be used in any application where any 4 digit time of day clock is needed to be utilized and seen. It automatically queries NTP on power up and once every 10 seconds after that and retransmits the time to all wired connected devices. It can be set up for 12 or 24 hour time format (default is 12 Hour). Static or DHCP IP to receive the NTP from your server (default is DHCP). This unique design can be used in either existing buildings or new construction. The DC-40N-Master-Clock-4W can accurately and reliably synchronize up to 100 devices. This equipment is proudly made in the USA. This display is factory serviceable.

## DC-Digital DC-40N-Master-Clock-4W Mounting and Dimensions:

There are (6) keyhole mounting knockouts for easy attachment to an electrical handy-box or an electrical 4 square box or simply use the (2) outer keyhole mounting knockouts and a couple of screws secured to a wall. Also supplied are 4 adhesive backed rubber feet that can be adhered to the enclosure bottom for table or Mount on a desk top.

