

The **NTDS112** Digital Clock syncs to any NTP (Network Time Protocol) source for accurate and traceable time. The unit configures to time zone and Daylight Saving Time parameters and can be powered via PoE. WinDiscovery software is available from the Masterclock website.



Standard Features

- 1 in (2.5 cm) 12-digit LED display
- LED available in red, green, blue or amber
- Syncs to any NTP or SNTP source for accurate and traceable time
- Retains time and date during loss of power and/or reference using a battery backed real-time clock (RTC) chip and maintenance-free rechargeable battery
- Configures to time zone and Daylight Saving Time
- WinDiscovery software utility allows for easy configuration of clocks and generators within a network
- Fully configurable network settings, including DHCP / STATIC IP
- Configuration is saved to non-volatile memory and survives power losses
- Password protection prevents unauthorized tampering
- Display time in 12- or 24-hr format – hh:mm:ss
- Display date – mm:dd:yy, dd:mm:yy or yy:mm:dd
- Configurable to alternate showing date and time
- PM indicator
- Adjustable brightness levels with scheduled dimming
- Visibility: 100 feet (30 meters)

Options

- Surface mount (desktop version)
- Rack mount (NTDS112-RM)
- Tilt-wall bracket

Pair with the
RC1000 or **RC600**
to add count-up
and count-down
timer control
functionality



Specifications

LED available in red, green, blue or amber



CONNECTORS

- Ethernet RJ45
- DC input
- USB for configuration
- IEC A/C Power (Optional)

POWER

- Choice of IEC AC, PoE (IEEE802.3af) or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 8W

OPERATING PARAMETERS

- Temperature: 0 to 60°C
- Humidity: Up to 90% (non-condensing)
- Storage Temperature: -40° to 185°F (-40° to 85°C)
- Storage Humidity: Up to 90% (non-condensing @ 25°C)

PHYSICAL

- Black metal chassis
- IP Rating: IP40
- Rack mount size: 16.9w x 1.7h x 3.5d in (43 x 4.31 x 8.9 cm)
- Weight: 1.73 lb (0.78 kg)

MTBF

- 86,700 - 100,000 hrs
All calculated using Fixed/Ground Mil HDBK 217F assumption

COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

5-YEAR LIMITED PARTS & LABOR WARRANTY **MADE IN THE USA**