



STANDARD FEATURES

- > 1 in (2.5 cm) 12-digit LED display colors available in red, green, blue or amber
- > Syncs to any NTP source for accurate 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 parameters
- > WinDiscovery software utility included - provides easy configuration of clocks and generators attached to network
- > Fully configurable network settings, including DHCP/BOOTP/STATIC IP
- > Configuration is saved to non-volatile memory and survives power losses
- > Password protection prevents unauthorized clock configuration tampering
- > Display time in 12- or 24-hr format – hh:mm:ss
- > Display date – mm:dd:yy, dd:mm:yy or yy:mm:dd
- > Display time & date or UTC & local time
- > Configurable to alternate showing date and time automatically
- > Adjustable brightness levels
- > Visibility: 50 feet (15 meters)
- > Dry contact relay option
- > PM indicator

OPTIONS

- > Surface mount (desktop version)
- > Rack mount (NTDS112 -RM)

SPECIFICATIONS

Connectors

- > Ethernet RJ45
- > IEC AC Power
- > DC Input
- > USB for configuration

Power

- > Choice of – IEC AC, POE (Power over Ethernet 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)

Physical

- > Black powder-coated steel chassis
- > Surface mount (desktop version)
 - Size: 17w x 1.75h x 4.5d in (43.2w x 4.5h x 11.4d cm)
 - Weight: 2.0 lbs (0.9 kg)
- > Rack-mount
 - Size: 16.9w x 1.7h x 3.5d in (43w x 4.31h x 8.9d cm)
 - Weight: 1.73 lb (0.78 kg)

Compliance

- > FCC, ROHS, CE Marked, ANSI

The optional **RC600** (above) is a remote control that adds both count-down and count-up timer control features to our NTDS and TCDS clocks. Uses WinDiscovery software.

MASTERCLOCK, INC.

5-YEAR LIMITED PARTS & LABOR WARRANTY

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