

FEATURES

- Syncs to any NTP source for accurate traceable time
- Complete flexibility in daylight savings time configurations
- Uses standard Ethernet wiring
- Fully configurable via supplied Windiscovery software
- Front indicator light provides synchronization status
- Microprocessor-controlled stepper motor with sweeping second hand for quiet operation
- Battery-backed real time clock chip in case of loss of synchronization or power



SPECIFICATIONS

Holdover Accuracy

- > With loss of power, device reverts to an internal battery-backed real-time clock chip with accuracy of ± 1 min/year or < 165 ms per day

Network Compatibility

- > Supports DHCPv4, DHCPv6 for automatic acquisition of network address, name servers, and timeserver configuration
- > Internet protocols: TELNET/SSH, SNMP
- > IPv4, IPv6 compliant

Connectors

- > Ethernet RJ45
- > IEC 320 AC input
- > USB port for configuration

Options

- > 12/24-hour face
- > 24-hour face
- > Face plate illumination
- > Dual face (CLKNTD12-DF)
- > Stainless steel case



Configuration

- > Configure devices through provided WinDiscovery software or Telnet/SSH
- > Configuration is saved to nonvolatile memory and survives power losses
- > Authenticated network messages prevent unauthorized tampering of clock configuration

Power

- > 90-265 VAC 50/60 Hz
- > IEC AC power connector and cord
- > PoE (Power over Ethernet) option available

Operating Parameters

- > Temperature: 0 to 60°C
- > Humidity: Up to 90% (non-condensing at +25°C)

Physical

- > Weight: 7.6 lb (3.5 kg)
- > Size: 12.5 in (31.8cm) w, 2.5 in (6.35 cm) h
- > Black powder-coated steel chassis
- > Polycarbonate lens
- > Wall mount bracket provided

Compliance

- > FCC
- > CE Marked
- > ROHS
- > ANSI

MASTERCLOCK, INC.

5-YEAR LIMITED PARTS & LABOR WARRANTY

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