

## FEATURES

- Count-up or count-down up to 99 hours
- Reference time from NTP, IRIG-B or SMPTE (30/25/24 fps non drop frame)
- Generate NTP and SMPTE (30/25/24 fps non drop frame)
- Control an unlimited number of network clocks and devices simultaneously
- Control an unlimited number of time code clocks via SMPTE BNC output
- Real time clock chip retains time during loss of power or time reference
- Modes include count-down, count-up, count to time, and clock
- 6-digit LED display



## SPECIFICATIONS

### Connectors

- > RJ45 - 10/100MB Ethernet
- > BNC for time code in/out
- > USB for configuration
- > DC input - 2.1 mm male jack

### Interface

- > Network or direct com to NTDS via RJ45
- > Time code in and out via BNC connectors
- > Illuminated buttons for Mode Select (count-up, count-down, clock) and Action (start, pause, reset)

### Network Compatibility

- > Supports NTP, DHCPv4, DHCPv6 for automatic acquisition of network address, name servers, and timeserver configuration
- > Telnet/SSH communication
- > IPv4/IPv6 compatible
- > SNMP with custom MIB

### 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

- > DC input (115-230, 50/60 Hz)
- > 12VDC external wall mount supplied - UL, CE listed
- > PoE input (48 VDC, IEEE 802.3af) option

### Operating Parameters

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

### Physical

- > Size: 6.82w x 5.24h x 2.37d in (17.32w x 13.31h x 6.02d cm)
- > Weight: 2 lbs (0.9 kg)
- > Black powder coated steel chassis
- > Rubber feet for tabletop use

### Compliance

- > FCC, ROHS, CE Marked, ANSI

### Options

- > Flush-mount version

**MASTERCLOCK, INC.**

**5-YEAR LIMITED PARTS & LABOR WARRANTY**

**MADE IN THE USA**

phone (USA and Canada):  
1-800-940-2248

phone (international):  
+1-636-724-3666

email:  
sales@masterclock.com

online:  
www.masterclock.com