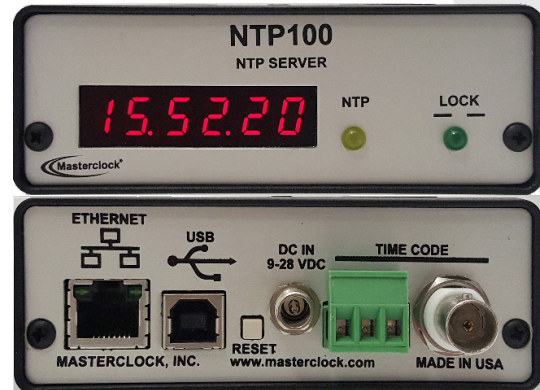


### NTP100-TC

#### FEATURES

- Compact NTP client / server
- Synchronize to existing IRIG or SMPTE time code source
- NTP output accuracy of  $\pm 2$  milliseconds
- Differential or single-ended time code input
- 6-digit clock display (red)
- Adjustable time display brightness



#### SPECIFICATIONS

##### Time Code Inputs

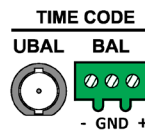
- > SMPTE (30/25/25 fps), Leitch Date Encoding Standard
- > IRIG-B0 (DCLS/PWM), IEEE 1344 standard
- > IRIG-B1 (AM), IEEE 1344 standard

##### Holdover Accuracy

- > With loss of power, device reverts to an internal precision TCXO temperature-compensated crystal oscillator with accuracy of  $\pm 1$  min/year or  $< 165$  ms per day
- > High-stability option with OXCO provides typical stability of 1 ppb/day ( $\pm 250$  ms/year) after 30 days of aging

##### Connectors

- > RJ45 - 10/100MB Ethernet
- > DC input - 2.1 mm male jack
- > 3-pin terminal block (differential time code input)
- > BNC (single-ended time code input)
- > USB for configuration



##### Physical Size

- > Size: 6.44 x 4.06 x 1.44 in (16.35 x 10.32 x 3.65 cm)
- > Weight: 16 oz (453.6 g)

##### Operating Parameters

- > Temperature: 0 to 60°C

##### 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
- > Configuration is saved to nonvolatile memory and survives power losses
- > Authenticated network messages prevent unauthorized tampering of clock configuration

##### Power Supply

- > DC input (9-28 VDC)
- > Power consumption:  $< 7.5$  W
- > Includes external 24 VDC wall-mount power supply with locking DC plug (UL and CE listed)

##### Compliance

- > FCC, ROHS, CE Marked, ANSI

Rack mountable with RM4



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