

FEATURES

- Syncs to SMPTE, EBU and IRIG-B time codes
- Complete flexibility in daylight saving time and time zone configurations
- 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

Time Code Inputs

- > SMPTE (30/25/25 fps - non-drop frame only) to Leitch Date Encoding Standard
- > IRIG-B pulse width coded (unmodulated) DC, IEEE 1344 standard
- > IRIG-B(1) 1 kHz Amplitude Modulated, IEEE 1344 standard

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

Connectors

- > BNC female
- > Optional twisted pair to BNC adapter available
- > IEC 320 AC input
- > USB port for configuration

Options

- > Face plate illumination
- > Stainless steel chassis

Physical

- > Size: 14.9 in (37.85 cm) w, 2.5 in (6.35 cm) h
- > Weight: 6.19 lb (2.81 kg)
- > Black powder-coated steel chassis
- > PETG lens
- > Wall mount bracket provided

Configuration

- > Configure devices through supplied WinDiscovery software
- > Configuration is saved to nonvolatile memory and survives power losses

Power

- > 90-265 VAC 50/60 Hz
- > IEC AC power connector and cord

Operating Parameters

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

Compliance

- > FCC, CE Marked, ROHS, ANSI

MASTERCLOCK, INC.

5-YEAR LIMITED PARTS & LABOR WARRANTY

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