

## FEATURES

- Generates SMPTE, EBU, 30, 25 and 24 fps or IRIG-B time codes
- Functions as a backup time code source for master clock systems
- Can be connected to a GPS500 master clock generator to automatically synchronize to GPS atomic clock time
- Automatic daylight saving time adjustments
- -11.5 to +12 hour selectable time zone offsets
- 6-digit red LED time or date display on front panel
- Front panel date and time set mode switches



Rack mountable with RM4



## SPECIFICATIONS

### Time Code Outputs

- > SMPTE (30/25/24 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  $\pm 1$ min/year or  $< 165$ ms per day

### Connectors

- > Time Code output: DB-9 male (supplied with DB-9 to BNC adapter)
- > RS-232, PPS pulse: DB-9 male
- > 2.1 mm male power connector

### Power

- > DC input (9-28 VDC)
- > Power consumption:  $< 2$ W
- > Includes wall-mount 12 VDC power supply - UL and CE listed

### Physical

- > Size: 1.5 x 4.1 x 5.5 in (3.8 x 10.4 x 14 cm)
- > Weight: 16 oz. (454 g)

### Operating Parameters

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

### Compliance

- > FCC, ROHS, CE Marked, ANSI

**MASTERLOCK, INC.**

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

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