



FEATURES

- Generates 30 fps SMPTE, 25 fps EBU, 24 fps FILM or IRIG-B (modulated and unmodulated) time codes
- Functions as a backup time code source for master clock systems
- Can be connected to GPS-200 master clock generator to automatically synchronize to GPS atomic clock time. Upon failure or removal of GPS-200 the TCO-100 will revert to a highly stable internal crystal oscillator and continue to provide an accurate time code output.
- Internal precision crystal oscillator (TCXO) provides accuracy of ± 1 minute per year (<165 ms / day)
- 6 digit red LED time or date display on front panel
- Front panel accessible mode, date & time set switches for manual operation
- All functions can be controlled via RS-232
- -11.5 to +12 hour selectable time zone offsets - 30 min. increments
- Automatic daylight saving time adjustment (selectable) is standard for North America and available for other countries throughout the world.
- 115/220 VAC with supplied external wall mounted power supply or 9-28 VDC operation. Power supplies are available for most countries.

Rack mountable with
an RM4



SPECIFICATIONS

I/O Connections

- Input power is 9 - 28 VDC via - 2mm female power connector
- Power consumption < 2 watts
- Supplied with wall mounted 12 VDC power supply
- Time Code Output – DB-9 male (supplied with DB-9 to BNC adapter)
- RS-232, PPS pulse - DB-9 male

Physical

Size: 5.5 x 4.13 x 1.5 in
14 x 10.48 x 3.81 cm

Weight: 16 oz
435 g

Case

- Cover - off-white aluminum
- Front/rear panel - clear anodized aluminum
- Optional rack mount

Operating Temperature and Humidity

- Temperature: 0 to +70°C
- Humidity: Up to 90%
(non-condensing at +25°C)