

TIME CODE - CLOCK DISPLAY

**ORIGINALLY MANUFACTURED FOR SPAWAR (US NAVY)
FOR RETROFIT PROGRAM IN NUCLEAR SUBS**



IEEE Standard 1344 - Compliant

Reads & displays year and date/time information in IRIG-B control bits.

FEATURES:

- 2.3" - 5.8cm digits, red, 7 segment LED
- 100 ft – 33 meters visibility
- amber & green LEDs are optionally available
- syncs to IRIG-B, SMPTE, EBU (also 24 fps film and drop frame) & ESE time codes
- 24 or 12 hour time display – PM indicator
- time display - hh:mm:ss
- date display - mm:dd:yy - or - dd:mm:yy - switch configurable
- -11.5 to +12 hour, time zone offsets in 30 min increments
- daylight saving time - US & Canada

COUNTER

- up/down counter mode - start count is initiated with closure between two contacts on DB-9 connector

CONNECTORS

- time code input - BNC
- AC input - Standard "K" connector - power cord sold separately
- DC input connector is 2.1 mm female DC power plug

PHYSICAL

- size - (inches) 13.9 x 3.48 x 6 - (cm) 35.3 x 8.8 x 15.2
- weight - 4 pounds - 1.8 kg
- compact size & other features designed to US Navy specifications
- Chassis - welded aluminum chassis with removable top - black - powder coat painted

POWER

- power input - 90 - 264 VAC, 47-63 Hz, universal
- 12 - 28 VDC input can be used as floating backup power supply or as primary power input
- Power consumption < 10W
- Power supply has UL, CSA, IEC, EN, VDE & CE approvals

OTHER

- configuration switches - accessible at rear of chassis
- all functions are controllable via RS-232
- automatic input level control
- with loss of time code unit will revert to internal clock until time code is regained and automatically resync to time code when available
- brightness control - 4 levels - switch configurable
- available as "slave" time code display