



FEATURES

- *Decodes NASA 36 or IRIG B Serial Time Code, selectable.*
- *Nine digit time display, 4" high LED characters.*
- *Internal TCXO clock maintains timing in the event of a loss of serial time code input.*
- *Serial RS-232 control input.*
- *IRIG Synchronized Count-Down Clock mode.*
- *Non-volatile memory retains set-up in the event of power failure.*
- *Offset feature allows different time zones to be displayed from common time code input.*
- *Modified IRIG Count Down codes available as an option.*

DESCRIPTION

The ITS Model 6475 Time Code Display is a two function unit that decodes and displays the IRIG B Serial Time Code and also will operate as a countdown clock. The unit displays the time as Days, Hours, Minutes and Seconds on a four inch LED display. The 6475 displays the applied time code as DDD:HH:MM:SS, or in the absence of an applied signal, the internal clock. The display intensity is user adjustable via a rear panel potentiometer. If there is a loss of serial time code input, the displayed colons flash at a 1Hz rate to alert the operator that the unit is operating on the internal clock.

The 6475 is housed in an aluminum enclosure, 39.75 inches wide, 6.5 inches high, 2 inches deep (not including mounting bracket). The unit may be mounted on shelf, wall or ceiling using the included mounting bracket.

All controls and connectors are on the rear panel.

The 6475 is powered by 12VDC or 115VAC line with included converter pack.

Model 6475 Time Code Display

SPECIFICATIONS

Time Code	NASA 36 serial time code or IRIG B serial time code (switch selectable).
Display	Segmented LED. Red. Numeric: 7 segment. Character height: 4 inches. Segment width 10 mm
Serial Input	RS232C, 9600 baud, ASCII message format. Baud Rate is internally selectable from 300 to 19.2K.
Internal Reference (Active in absence of time code input)	Temperature compensated crystal oscillator (TCXO) $\pm 2 \times 10^{-6}$.
Non-volatile Memory	EEPROM.
External Power	12 VDC, 100 to 240VAC 50/60Hz power supply included.
Enclosure	39.75 inches wide, 6.5 inches high, 2 inches deep (not including mounting bracket). Enclosure is black with textured clear coat.

