

PRODUCT DATA SHEET



The TCR-1514 Time Code Reader displays IRIG-B123 time code on an easy to read 1.5" high LED display. The display consists of two lines. Days, hours, minutes and seconds are displayed on the top line and the time of day in seconds on the lower line.

The unit incorporates an automatic gain control to allow a wide range of input signal levels and error bypassing to allow corrupted frames to be tolerated without upsetting the display. This display is automatically blanked when the input level drops below .5 Vp-p. All of the integrated circuits are socketed including the LED digits using high quality gold plated sockets.

The unit is housed in an attractive but rugged flat black aluminum enclosure. An optional mounting bracket and rack mounting ears are also available.

Technical Specifications

Input

Time Code	IRIG-B120, IRIG-B123
Amplitude	.5 to 12 Vpp
Modulation Ratio	2:1 to 6:1
Input Impedance	10K ohm, transformer isolated
Physical Connections	Isolated BNC connector and screw terminals

Display

Readout Information	Days, Hours, Minutes, Seconds (9digits) Time of day – seconds (5 digits)
Display Hardware	1.5" Red Hi-efficiency LED digits
Blanking	Display is blanked for input signal levels below .5 Vpp.

Power Input

Voltage	115 VAC +/- 10%
Frequency	60 Hz
Power Consumption	10 Watts
	Power cord with IEC 320 connector. Fuse and power switch on rear panel

Mechanical

Case Dimensions	17" wide x 5.25" high x 6" deep
Case Material	Aluminum enclosure
Color	Painted flat black
Mounting	1/4"-20 threaded insert on the center of each end. Mount using supplied 1-1 1/4" diameter knobs with 1/4"-20 x 3/4" long studs. Optional wall/ceiling mounting bracket is available, MB-1514.

Weight	5.5 pounds
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Environmental

Operating Temperature	0 to 50 degrees Celsius
Relative Humidity	10 to 90% non-condensing

Specifications subject to change without notice. 082306