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PRODUCT DATA SHEET



The TCR-1893 Time Code Reader displays IRIG-B time code on an easy to read 1.8" high LED display. The unit can be rack mounted using the supplied rack mounting ears or, wall or ceiling mounted using the optional mounting bracket.

High efficiency LEDs are used to provide excellent visibility even in brightly lighted areas. The display intensity is controlled by a rear panel intensity control.

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. The transformer coupled input provides excellent performance in noisy environments.

The unit is housed in an attractive but rugged black aluminum enclosure. It is powered by 115 VAC. The TCR-1893 is covered by our one year warranty.

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*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

**Display**

Readout Information	Days, Hours, Minutes, Seconds (9digits)
Display Hardware	1.8" Red Hi-efficiency LED digits
Blanking	Display is blanked for input signal levels below .5 Vpp.
Display Intensity	Adjustable intensity control on rear panel.

**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 3.47" high x 3.75" deep
Case Material	Aluminum enclosure
Color	Painted black
Mounting	1/4"-20 threaded insert on the center of each end. Mount using supplied 1-1/4" diameter knobs with 1/4"-20 x 3/4" long studs.
	Rack mount ears are included for 19" rack mounting.
	Optional wall/ceiling mounting bracket is available, MB-1893.

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