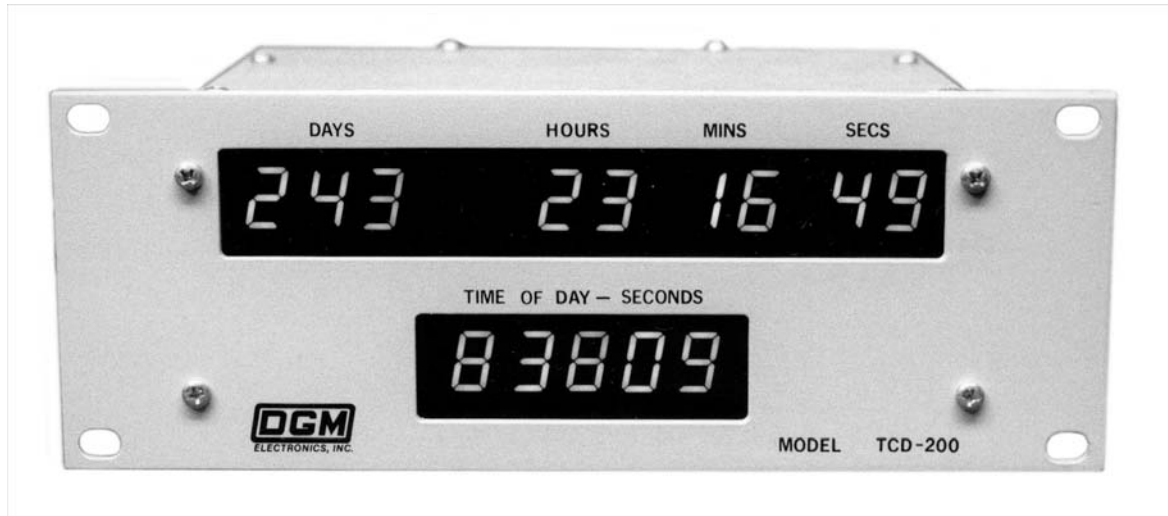**DGM ELECTRONICS, INC.**

P R O D U C T   D A T A   S H E E T

The Model TCD-200 Time Code Display has been designed with the latest in microprocessor technology to provide reliable and trouble free operation. The TCD-200 accepts a 1 KHz modulated IRIG-B time code using either a 600 ohm balanced line or 600 ohm or 100K ohm unbalanced line. The incoming time code is decoded and displayed on .6 inch high red LED digits (high efficiency) to display the DAYS:HOURS:MINS:SECS and TIME OF DAY in seconds. The DAYS digits can be disabled with an internal switch setting. The TIME OF DAY in seconds display can also be disabled in the same manner. The TCD-200 ignores the control bit information and just uses the data which is to be displayed. Therefore the control bits can be used for other purposes and not affect the TCD-200 operation .

The TCD-200 is house in a rugged rack mountable aluminum enclosure. A line filter is provided on the power input connection to provide filtering of any noise coming in on the power line and also to suppress any noise from the digital circuitry that may be passed back onto the power line. All integrated circuits and displays are mounted using gold plated sockets.

Other time codes and display configurations can be provided upon special order.

Technical Specifications

Input

Time Code	IRIG-B120, IRIG-B123
Input Level	.1 to 10 v p-p
Physical Connections	BNC connectors
Impedance	600 ohm balanced (transformer coupled)
	600 ohm unbalanced
	100K ohm unbalanced

Display

Readout Information	Days, Hours, Minutes, Seconds, Time of Day in Seconds
Display Hardware	.6" Red Hi-efficiency LED digits

Power Input

Voltage	115/230 VAC +/-10% (switch selectable)
Frequency	50-400 Hz
Power Consumption	2.9 Watts

Mechanical

Case Dimensions	9.5 inches wide x 3.47 inches high x 6.125 inches deep
Case Material	Aluminum rack mount enclosure
Color	Painted light gray

Weight

4.5 pounds

Environmental

Operating Temperature	0 to 55 degrees Celsius
Storage Temperature	-40 to +85 degrees Celsius
Relative Humidity	0 to 98% non-condensing

Specifications subject to change without notice.   012407