

MODEL 6115 IRIG B TIME CODE GENERATOR

FEATURES

- IRIG B time code generator.
- Front Panel Time Display.
- Five IRIG B serial outputs.
- Can be synchronized to external IRIG B reference.
- Powered by 9 to 36 Volts DC.



DESCRIPTION

The Model 6115 is an IRIG time code generator/reader that may be used to generate a serial IRIG time code or act as a time code reader. When an IRIG time code signal is applied, the unit locks to the signal and regenerates an IRIG output. If the applied time code signal is lost the 6115 will automatically switch to an internal clock and continue generating the output IRIG signal. No discernible change in the IRIG output will occur when the input time code signal is removed after synchronization.

The 6115 is also used as a stand-alone unit to generate an IRIG signal. The time-of-year may be set by the user via front panel switches. An LCD readout displays the days, hours, minutes and seconds.

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SPECIFICATIONS

Frequency Stability

When powered 1 part in 10^6 . (0 to +55°C)
 2.5 parts in 10^6 (-30 to +70°C)

On Battery backup 1 part in 10^4 . (0 to +55°C)

Clock backup life (un-powered) 1 year minimum.

IRIG B Input Modulated IRIG B, IAW IRIG Standard 200-98

IRIG B Output Standard IRIG B122 serial time code IAW IRIG Standard 200-98.

Power 9 to 36 VDC, 1.5 Watts.

Temperature (Operating)

Operating 0°C to +55°C

Nonoperating -20 to +70

Humidity 95% (PCA's are conformal coated).

Package

Size 8.5" wide x 8.5" deep x 2.5" high.
Weight 2.5 lbs.