

FEATURES

- Converts IRIG B to IRIG A.
- Front Panel Time Display.
- Four IRIG A serial outputs.
- Four IRIG B serial outputs.
- Powered by 9 to 36 Volts DC.



DESCRIPTION

The Model 6115-9D provides for the conversion of an applied IRIG B120 serial time code to an IRIG A000 serial time code. Three buffered IRIG A outputs are provided. Additionally there are three buffered, individually adjustable, IRIG B outputs, which provide distribution of the applied IRIG B serial time code.

An LCD readout displays the days, hours, minutes and seconds. An LED indicates IRIG signal lock status.

The 6115-9D internal clock is automatically synchronized to the applied time code upon receipt of a valid IRIG B signal. If the unit loses the lock after initial synchronization, it will continue to operate on the internal clock. No discernible change in the IRIG A time output will occur when the IRIG signal lock is lost after synchronization. The IRIG lock status is indicated by a front panel LED.

The unit is housed in a 8.5 by 8.5 by 2.5 inch aluminum enclosure. It is powered by 9 to 36 Volts AC/DC power.

Model 6115-9D Time Code Translator

SPECIFICATIONS

Frequency Stability (internal clock)	1 part in 10^6 (TCXO)
Time to Lock	Lock time from application of input time code is three seconds max.
IRIG B Input	Standard IRIG B serial time code signal. IAW OSG IRIG Standard 200-98. Input level 0.5 to 15 volts peak to peak with modulation ratio from 2:1 to 6:1.
IRIG A Outputs	TTL levels, positive true, time referenced to positive going edge. IRIG A000 format (un-modulated level shift) Three buffered outputs provide 350 milliamps maximum.
IRIG B Outputs	Outputs IRIG B identical to applied IRIG B signal except buffered and with level set by front panel controls. Level range is 1 to 10 volts peak to peak with 3 volts p-p in. 100 milliamps maximum.
Power	9 to 36 Volts DC or 9 to 30 Volts AC
Temperature	
Operating	0°C to +55°C
Non-operating	-10 to +70
Humidity	95% non-condensing
Package	
Size	8.5" wide x 8.5" deep x 2.5" high
Weight	2.5 lbs.

