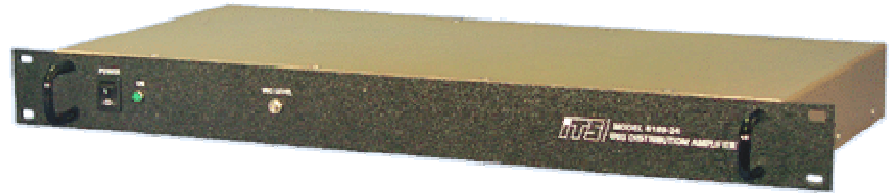


MODEL 6189-24 IRIG DISTRIBUTION AMPLIFIER

FEATURES

- Twenty-four fully isolated, transformer coupled, IRIG Time Code outputs.
- Output load up to 75 ohms, each channel
- High Impedance IRIG B input.
- Front panel level control.
- Powered by 100 to 240 VAC 50/60 Hz, 10 Watts



DESCRIPTION

The Model 6189-24 IRIG Distribution Amplifier provides for the distribution of an applied IRIG B time code signal to up to twenty-four individual loads.

The 6189-24 operates with an IRIG B input that complies with IRIG Standard 200-98. The input range is 0.5 volts peak-to-peak to 10 volts peak-to-peak. An input IRIG LEVEL control adjusts the input amplifier gain to accommodate the variation in input level which in affect adjusts the output level. The input isolation is assured though the use of transformer coupling.

The twenty-four IRIG outputs are individually buffered with isolation provided by output transformers. Each output will drive loads up to 75 ohms. All connectors are on the rear of the enclosure and all controls and indicators are on the front panel. The unit is also available in eight and sixteen output configurations, Models 6186-8 and 6189-16 respectively.

The unit is housed in a 19 inch rack mountable aluminum enclosure, 1.72 inch high by 9.00 inch deep (including connectors). It is powered by 100 to 240 VAC 50/60 Hz, 10 Watts

Model 6189-24 IRIG DISTRIBUTION AMPLIFIER

SPECIFICATIONS

IRIG B Input	IRIG B standard serial time code (IRIG Standard 200-98). Input level 500 mv peak-to-peak to 10 volts peak-to-peak with modulation ratio from 2:1 to 6:1. Input impedance = 10K Ohms
IRIG B Output	IRIG B matches the applied input signal. Output level is set by input level and input gain adjustment. Output load up to 75 ohms. Each output fully isolated by individual transformers.
Propagation Delay	Maximum propagation delay variation (skew) between any two outputs is less than 2 microseconds.
Power Input	100 to 240VAC, 50/60 Hz, 10 watts maximum, depending on load impedances
Temperature	
Operating	0°C to +60°C
Non-operating	-20 to +70
Humidity	95% non-condensing.
Package	
Size	1U, 19 inch rack mountable aluminum enclosure, 1.72" high and 9" deep (including connectors).
Weight	4.5 lbs.

