

Model 6980 Video Insertion Generator

SPECIFICATIONS

Video In	Composite, 525/60 interlaced, 2:1 black negative, one volt peak-to-peak, in accordance with EIA RS-170 or NTSC. NOTE: 875/60 video IAW RS-343, or 625/50 video IAW PAL are optional, 6980A and 6980P respectively.
Input Impedance	75 ohms
Video Amplifier Bandwidth	>20 MHz \pm 1dB
Video Out 1,2	Same as video in except with annotation added and DC restored; Output level is 1 volt peak-to-peak (output as specified when terminated with a 75 ohm load)
IRIG B Input	IRIG B standard serial time code (IRIG Standard 200-98). Input level 500mv peak-to-peak to 5 volts peak-to-peak with modulation ratio from 2:1 to 6:1,
Data Input (Message enable)	Contact closure or TTL negative true, 8 discrete lines corresponding to the eight programmable messages/alarms.
RS-232C	EIA RS-232C serial, 2400 to 19200 baud, 8 bit, no parity, 1 stop bit.
Keyboard	PC style 101 key, detachable.
Character Generator	96-character ASCII set plus 32 special characters. Insertion mode is selectable: constant contrast, black border or reverse video, on character by character basis.
Message Generator	Eight, eight-character user programmable messages. Displayed upon application of low input on discrete data input. Messages may be positioned to any location within the viewed scene.
Power Requirements	120VAC \pm 10%, 60Hz, 7 Watts. (5 Watts with keyboard detached).
Temperature	
Operating	0° to 50°C (32° to 122°F)
Nonoperating	-20° to 70°C (-4° to 158°F)
Humidity	85% non-condensing
Package	
Size:	1U 19-inch wide, 1 ¾ inch high, 8-inch deep.
Weight:	4.5 lbs.

