

Specifications — PA 250 Peaking Amplifier/Sync Stripper

Video

Gain	1.4V maximum
Bandwidth	250 MHz (-3dB)

Video input

Number/signal type	1 analog RGBHV, RGBS, RGsB, RsGsBs
Connectors	5 BNC female
Minimum/maximum levels	Analog 0.3V to 1.5V p-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	15 kHz to 150 kHz
Vertical frequency	40 Hz to 140 Hz
Return loss	-37dB @ 5 MHz

Video output

Number/signal type	1 analog RGBHV, RGBS, RGsB
Connectors	5 BNC female
Minimum/maximum levels	Analog 0.3V to 1.5V p-p
Impedance	75 ohms
Return loss	-20dB @ 5 MHz
DC offset	±10mV maximum with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB
Input level	RGBHV, RGBS TTL 5V p-p RGsB, RsGsBs analog 0.3V p-p
Output level.....	TTL 4V to 5V p-p
Input impedance.....	510 ohms
Output impedance	75 ohms
Max. input voltage	5V p-p
Input sensitivity	0.6V to 5V p-p
Max. propagation delay	130 nS
Max. rise/fall time	4 nS
Polarity	RGBHV, RGBS positive or negative (follows input) RGsB, RsGsBs negative

General

Power	100VAC to 240VAC, 50/60 Hz, 10 watts, internal, auto-switchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional rack shelf #60-190-01
Enclosure type	Metal
Enclosure dimensions	1.7" H x 8.75" W x 9.4" D (1U high, 1/2 rack width) 4.3 cm H x 22.2 cm W x 23.9 cm D (Depth excludes connectors.)
Product weight.....	3.0 lbs (1.4 kg)
Shipping weight.....	5 lbs (2.3 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE
Warranty	3 years parts and labor

NOTE Specifications are subject to change without notice.