

Specifications

MDA 2V EQ, MDA 4SV EQ

Video

Gain

Video and Y.....	-1 dB to +3 dB (x 0.9 to x 1.4), adjustable per output*
C (chroma)	0 dB to +10 dB (x 1 to x 3)
Equalization	0 dB to +6 dB (x 1 to x 2) at 5 MHz, adjustable per output*

NOTE: *Per output for composite video, per every two outputs for S-video.

Bandwidth	150 MHz (-3 dB)
Output cable driving distance.....	Up to 1000 feet with Mini HR cable; up to 1500 feet with RG6 or RG59 cables

Video input and loop through

Number/signal type

MDA 2V EQ.....	1 composite video input, 1 passive composite video passive loop-through
MDA 4SV EQ.....	1 S-video input, 1 passive S-video passive loop-through

Connectors

MDA 2V EQ.....	1 female BNC (input), 1 female BNC (loop-through)
MDA 4SV EQ.....	1 female 4-pin mini DIN (input), 1 female 4-pin mini DIN (loop-through)

Nominal level.....	1 Vp-p for Y of S-video and for composite video 0.3 Vp-p for C of S-video
--------------------	------------------------------------------------------------------------------

Minimum/maximum levels

MDA 2V EQ.....	0.4 V to 2 Vp-p with no offset at unity gain
MDA 4SV EQ.....	Y: 0.4 V to 2 Vp-p with no offset at unity gain

Impedance.....	75 ohms
Return loss	<-30 dB @ 5 MHz
DC offset (max. allowable).....	4.0 V, AC coupled

Video output

Number/signal type

MDA 2V EQ.....	2 composite video
MDA 4SV EQ.....	4 S-video

Connectors

MDA 2V EQ.....	2 female BNC
MDA 4SV EQ.....	4 female 4-pin mini DIN

Nominal level.....	1 Vp-p for Y of S-video and for composite video 0.3 Vp-p for C of S-video
--------------------	------------------------------------------------------------------------------

Minimum/maximum levels

.....	0.4 V to 2 Vp-p
Impedance.....	75 ohms
Return loss	<-30 dB @ 5 MHz

Sync

Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM
-----------------	----------------------------------

Specifications • MDA 2V EQ, MDA 4SV EQ (Continued)

General

External power supply.....	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.2 A
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional under-desk mounting kit
Pole mount.....	Yes, with optional mini projector mounting kit or multi-product projector mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.)
Product weight	0.7 lbs (0.3 kg)
Regulatory compliance.....	CE, C-tick, c-UL, UL, FCC Class A, ICES, VCCI
Product warranty	3 years parts and labor
Everlast power supply warranty.....	7 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

4461-D6