

Specifications — Mac DA2 PLUS Distribution Amplifier

Video

Gain	Unity
Bandwidth	270 MHz (-3dB), fully loaded

Video input

Number/signal type	1 Mac/PowerMac/Quadra/Performa	RGBHV, RGBS, RGSB, RsGsBs
Connectors	1	15-pin D male cable (built-in)
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 68 kHz
Vertical frequency	30	Hz to 170 Hz
Return loss	-38.3dB	@ 5 MHz

Video output

Number/signal type	2 Mac/PowerMac/Quadra/Performa	RGBHV, RGBS, RGSB, RsGsBs
Connectors	2	15-pin D female
Minimum/maximum levels	0.3V to 1.5V	p-p
Impedance	75	ohms
Return loss	-41dB	@ 5 MHz
DC offset	±5mV	maximum with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGSB, RsGsBs	
Output type	RGBHV, RGBS, RGSB, RsGsBs	
Input level	3.0V to 5.0V	p-p
Output level.....	TTL.....	5.0V p-p
Input impedance	510	ohms
Output impedance	75	ohms
Max. propagation delay	18.8	nS
Max. rise/fall time	4	nS
Polarity	Positive or negative	

General

Power	100VAC to 240VAC, 50/60 Hz, 4.5 watts, external, auto-switchable; to 9VDC, 1 A power supply.
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	No
Enclosure type	Plastic
Enclosure dimensions	1.4" H x 5.0" W x 3.3" D 3.6 cm H x 12.7 cm W x 8.4 cm D (Depth excludes connectors.)
Product weight	
USA/domestic	1.3 lbs (0.6 kg)
World	1.0 lbs (0.5 kg)
Shipping weight	
USA/domestic	2 lbs (0.9 kg)
World	3 lbs (1.4 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Compliances	CE
Warranty	3 years parts and labor

NOTE Specifications are subject to change without notice.

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