

Specifications — P/2 DA2 Plus

Video

Gain.....	Unity
Peaking.....	Fixed
Bandwidth.....	300 MHz (-3 dB)

Video input

Number/signal type.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video (with adapter)
Connectors.....	1 male 15-pin HD cable (built-in)
Pin connections.....	ID bits on pins 4, 11, 12, and 15 are passed through to local monitor output (loop-through) Pin 9 is floating.
Nominal level.....	1.0 Vp-p for Y of component video 0.7 Vp-p for RGB and for R-Y and B-Y of component video
Minimum/maximum levels.....	Analog: 0.4 V to 1.4 Vp-p with no offset at unity gain
Impedance.....	75 ohms
Horizontal frequency.....	15 kHz to 135 kHz
Vertical frequency.....	30 Hz to 170 Hz
Return loss.....	<-38 dB @ 5 MHz

Video output

Number/signal type.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video (with adapter) 1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs local monitor output/loop-through (ID bits are passed through.)
Connectors.....	2 female 15-pin HD
Nominal level.....	1.0 Vp-p for Y of component video 0.7 Vp-p for RGB and for R-Y and B-Y of component video
Minimum/maximum levels.....	0.4 V to 1.4 Vp-p (follows input)
Impedance.....	75 ohms
Return loss.....	-41 dB @ 5 MHz
DC offset.....	±5 mV maximum with input at 0 offset

Sync

Input type.....	RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level sync
Output type.....	RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level sync
Input level.....	Analog or TTL, 1.7 V to 5 Vp-p
Output level.....	TTL: 0-5 Vp-p, unterminated
Input impedance.....	510 ohms (default) or 10k ohms, selectable
Output impedance.....	25 ohms (default) or 50 ohms, selectable
Max. propagation delay.....	60 ns
Max. rise/fall time.....	4 ns
Polarity.....	Positive or negative (follows input)

General

Attached external power supply	100 VAC to 240 VAC, 50-60 Hz, 4.5 watts, 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.....	No
Enclosure type.....	Plastic

Specifications — P/2 DA2 Plus, cont'd

Enclosure dimensions.....	1.5" H x 5.0" W x 2.5" D (3.8 cm H x 12.7 cm W x 6.4 cm D) (Depth excludes connectors.)
Product weight	1.6 lbs (0.7 kg)
Shipping weight	3 lbs (2 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, c-UL, UL
EMI/EMC	CE
Warranty	3 years parts and labor

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

NOTE Specifications are subject to change without notice.

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