

Specifications

P/2 DA1 USB

Video

Gain.....	0 dB, 0.6 dB, 1.2 dB, selectable: when input is 0.7 Vp-p, output is 0.7 V, 0.75 V, 0.8 Vp-p when switch is at normal, medium, and maximum positions, respectively
Bandwidth	300 MHz (-3 dB)

Video input

Number/signal type.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video
Connectors	1 male 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	Analog: 0.3 VDC to 1.5 VDC p-p with no offset at unity gain
Impedance.....	75 ohms
Horizontal frequency	15 kHz to 135 kHz
Vertical frequency.....	30 Hz to 170 Hz
ID bits	Pins 4, 9, 11, 12, and 15 are passed through to output.

Video output

Number/signal type.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video
Connectors	1 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	Analog: 0.3 VDC to 1.5 VDC p-p with no offset at unity gain
Impedance.....	75 ohms
DC offset	±5 mV maximum with input at 0 offset

NOTE: Output resolution may vary depending on whether the P/2 DA1 is attached to the computer at startup, and on the type of computer you are using.

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	2.0 V to 5.0 Vp-p
Output level	TTL: 5 Vp-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 supply	USB (5.0 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	No
Enclosure type	Plastic clamshell
Enclosure dimensions	0.6" H x 1.3" W x 3.1" D (14 mm H x 33 mm W x 79 mm D)

Specification • P/2 DA1 USB (Continued)

Product weight 0.1 lb (<0.1 kg)
Regulatory compliance..... CE, c-UL, UL
Product warranty 3 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.

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