

## P/2 DA2 PLUS

### Dual Output VGA-UXGA Distribution Amplifier

#### Key Features

- 270 MHz (-3dB) RGB video bandwidth, fully loaded
- Compatible with all VGA-UXGA direct monitors, projectors and LCD panels
- One input, two output, VGA-UXGA splitter
- Both outputs are individually buffered



Model	Version Description	Part #
P/2 DA2 PLUS	1x2 VGA-UXGA	60-046-02

#### DESCRIPTION

The Extron P/2 DA2 PLUS enables the output of a computer to be run to two displays. The P/2 DA2 PLUS is a one input, two output high-resolution VGA distribution amplifier with 270 MHz (-3 dB) RGB video bandwidth, capable of driving any VGA-UXGA computer signal a distance of up to 250 feet (75 meters) using the Extron high resolution VGA cable. The P/2 DA2 PLUS provides the ability to split a VGA-UXGA input into two outputs and includes a standard VGA input cable.

#### Features

- **Input: One male 15-pin HD connector**
- **Outputs: Two female 15-pin HD connectors**
- **270 MHz (-3dB) RGB video bandwidth, fully loaded**
- **Compatible with all VGA-UXGA direct monitors, projectors and LCD panels**
- **One input, two output, VGA-UXGA splitter**
- **Both outputs are individually buffered**
- **Routes all video card ID bits to local monitor output to allow for automatic resolution selection by DDC1 and DDC2 plug and play cards and projectors**
- **External international power supply - attached**

#### OPTIONAL ACCESSORIES

- T-VGA VGA/SVGA Termination Adapter 26-106-01

#### SPECIFICATIONS

##### P/2 DA2 PLUS

#### Video

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

#### Video input

Number/signal type	1 VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	(1) 15-pin HD male cable (built-in)
Nominal level	0.7 Vp-p for RGB
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	<-38.3 dB @ 5 MHz

**Video output**

Number/signal type	2 VGA-XGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	(2) 15-pin HD female
Nominal level	0.7 Vp-p for RGB
Minimum/maximum levels	0.4 V to 1.4 Vp-p
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
Output type	RGBHV, RGBS, RGsB, RsGsBs
Input level	3 V to 5 Vp-p
Output level	TTL: 5 Vp-p, unterminated
Input impedance	510 ohms
Output impedance	50 ohms
Max. propagation delay	60 ns
Max. rise/fall time	4 ns
Polarity	Positive or negative

**General**

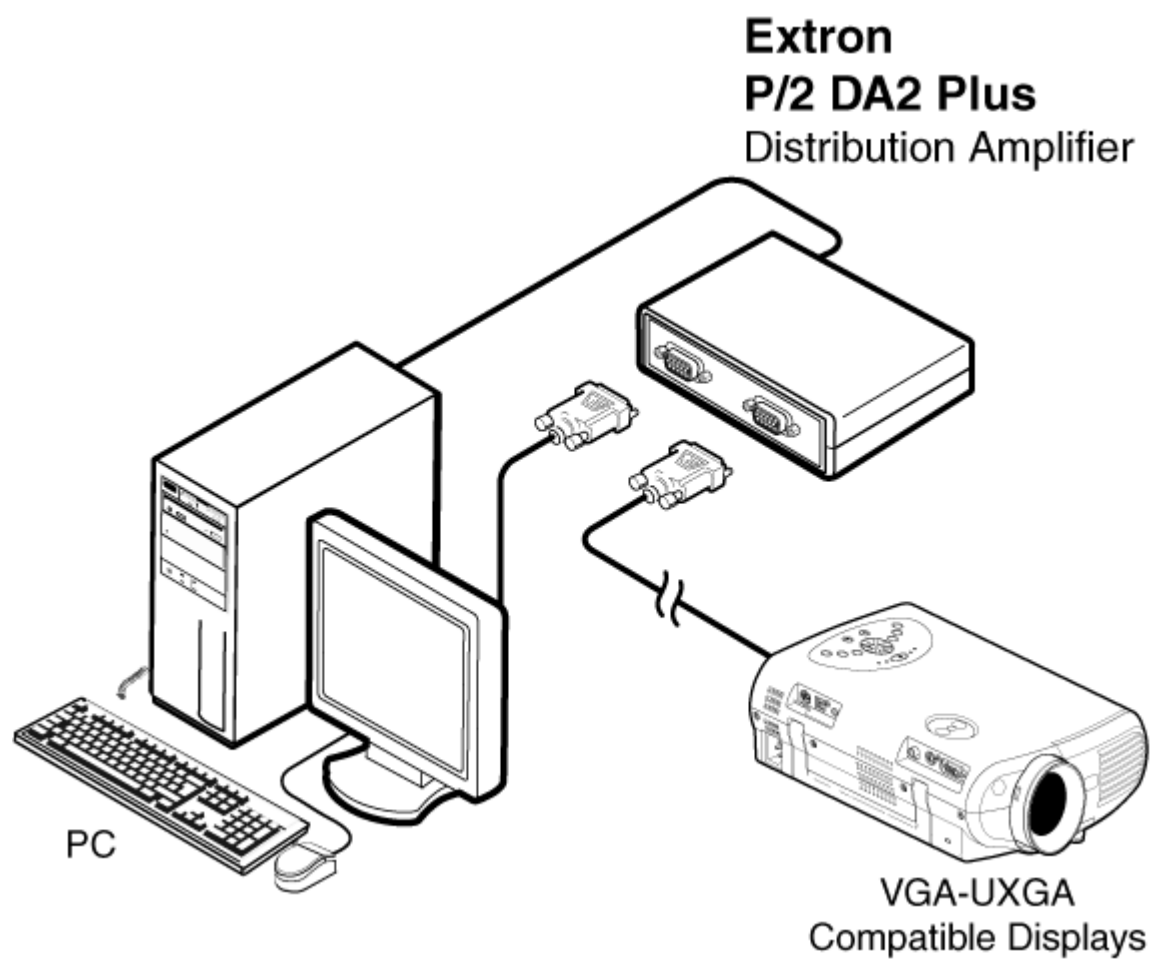
External power supply	100 VAC to 240 VAC, 50/60 Hz, 4.5 watts, external, autoswitchable; to 9 VDC, 1 A, regulated
Power input requirements	9 VDC, 0.2 A
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
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	1.6 lbs (0.7 kg)
Shipping weight	3 lbs (2 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE
MTBF	30,000 hours
Warranty	3 years parts and labor

**NOTE** All nominal levels are at ±10%.

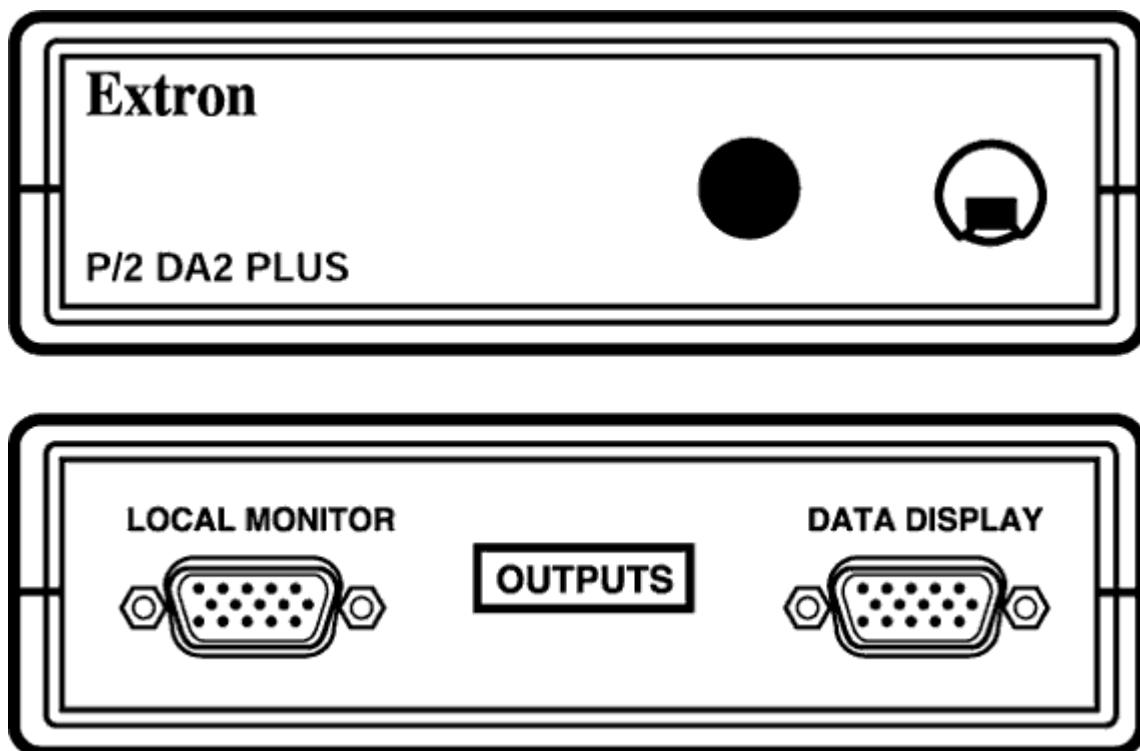
**NOTE** Specifications are subject to change without notice.

(7.51-011206-D5)

DIAGRAM



PANEL DRAWING



© 2006 Extron Electronics. Specifications are subject to change without notice.