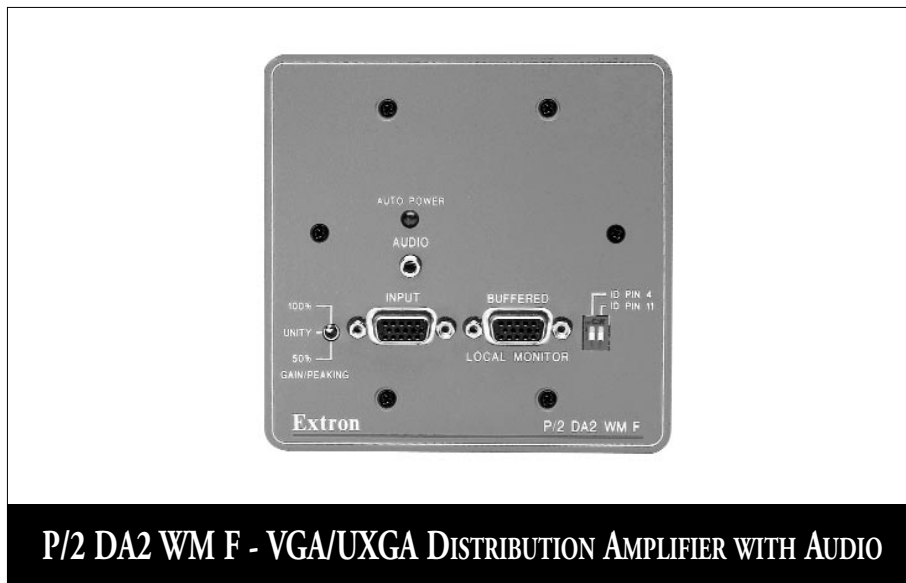


# Extron® Electronics

INTERFACING, SWITCHING AND DISTRIBUTION



Female 15-pin HD  
input connector

Wall mountable

300 MHz (-3dB) bandwidth

VGA/SVGA/XGA/SXGA/  
UXGA compatible

One input,  
two buffered outputs

Audio interfacing

Level and peaking

Euro channel  
version available

Versions with Architectural  
Adapter Plate Openings  
available



# DESCRIPTION

The Extron P/2 DA2 WM F is a wall-mountable, one input, two output, high resolution VGA/UXGA distribution amplifier with audio. With a 300 MHz (-3dB) bandwidth, the P/2 DA2 WM F is compatible with VGA, SVGA, XGA, SXGA, and UXGA graphic cards, monitors and projectors, as well as Mac computers with 15-pin HD connectors. Each 15-pin HD output is individually buffered. For video, the P/2 DA2 WM F provides a 15-pin HD female connector for input and two 15-pin HD female connectors for outputs. For audio, the P/2 DA2 WM F features a 3.5 mm female jack for input and a 3.5 mm captive screw connector for balanced or unbalanced output. Level and peaking are provided to maintain signal integrity over long cable runs. The P/2 DA2 WM F will distribute Mac signals by using an optional Extron Mac/VGA adapter(s). Designed in a two-gang size with an attached wall plate (available in gray, black, or white), the P/2 DA2 WM F fits flush into a wall,



P/2 DA2 WM F AAP

podium, or table. The P/2 DA2 WM F is available in an EC model compatible with European channel mounting systems. Both the P/2 DA2 WM F and the P/2 DA2 WM F EC are available with openings for optional Architectural Adapter Plates (AAP) to provide additional signal pass-through connections.

# FEATURES

- **Bandwidth** – The P/2 DA2 WM F has a 300 MHz (-3dB) video bandwidth.
- **Compatibility** – Compatible with VGA, SVGA, XGA, SXGA, and UXGA graphic cards, monitors and projectors. Compatible with Mac sources and Mac-compatible displays with 15-pin HD connectors or with use of optional Mac/VGA adapter.
- **Audio interfacing** – Unbalanced audio may be converted to balanced audio. Balanced audio eliminates noise usually associated with unbalanced audio when distributed over long cable runs.
- **ID bits** – ID bits are normally routed to the local monitor output. The P/2 DA2 WM F also provides ID bit termination.
- **Level and peaking** – Level control adjusts brightness level of image. Peaking control adjusts sharpness level of image.
- **Wall mountable** – Self-contained enclosure makes for simple installations into existing walls.
- **Power** – Accepts 12-24 AC/DC through captive screw connector. Optional 12VDC, 1.0A power supply available (part number: 70-055-01).

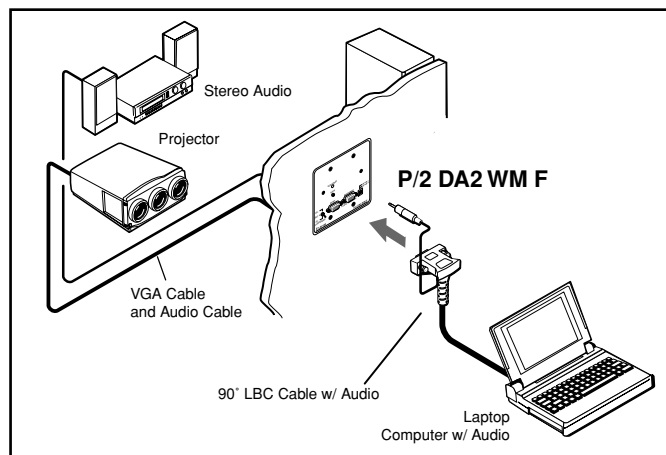
# SPECIFICATIONS

<b>Video</b>	
Gain .....	Unity
Bandwidth .....	300 MHz (-3dB)
<b>Video input</b>	
Number/type .....	1 VGA/SVGA/XGA/SXGA/RGBHV/ RGBS/RGsB/RsGsBs
Connectors.....	1 15-pin HD female
Nominal level(s) .....	Analog — 0.5V to 1.2V p-p
Maximum level(s).....	Analog — 2VDC with no offset
Impedance .....	75 ohms
Horizontal frequency .....	15 kHz to 135 kHz
Vertical frequency.....	30 Hz to 170 Hz
Return loss.....	-38.3dB @ 5 MHz
Maximum DC offset .....	300mV

# SPECIFICATIONS

<b>Video output</b>	
Number/type/format .....	2 VGA/SVGA/XGA/SXGA/RGBHV/ RGBS/RGsB/RsGsBs
Connectors.....	2 15-pin HD female
Nominal level.....	Unity: 1x input level
Impedance .....	75 ohms
<b>Sync</b>	
Input/Output type .....	RGBHV, RGBS, RGSB, RsGsBs
Connectors.....	15-pin HD female (1 input, 2 output)
Input level .....	3V to 5V p-p
Output level .....	TTL — 5V p-p
Input impedance .....	510 ohms
Output impedance .....	75 ohms
Polarity.....	Positive or negative
<b>Audio</b>	
Gain .....	Unbalanced 0dB, balanced +6dB
Frequency response .....	20 Hz to 20 kHz (±0.05dB) balanced
<b>Audio Input</b>	
Number/type .....	1 stereo, unbalanced
Connectors.....	1 3.5 mm captive screw terminal(s), 5 conductor
<b>Audio output</b>	
Number/type .....	1 stereo, balanced/unbalanced
Connectors.....	1 3.5 mm captive screw terminal, 5 conductor
<b>General</b>	
Power .....	100VAC to 240VAC, 50/60 Hz, 4.5 Watts, external, auto-switchable; to 12DC/AC, 1 A
Rack mount .....	No
Enclosure type .....	Metal
Shipping weight .....	3 lbs (1.4 kg)
Approvals .....	CE
MTBF .....	30,000 hours
Warranty .....	2 years parts and labor
<b>Enclosure dimensions</b>	
Plate .....	4.5 H x 4.6 W (11.43 cm H x 11.68 cm W)
Box.....	3.0 H x 3.5 W x 1.6 D (7.62 cm H x 8.89 cm W x 4.06 cm D)
<b>Part numbers</b>	
P/2 DA2 WM F (grey).....	60-376-01
P/2 DA2 WM F (black).....	60-376-02
P/2 DA2 WM F (white) .....	60-376-03
P/2 DA2 WM F EC .....	60-376-10
P/2 DA2 WM F AAP (grey) ..	60-377-01
P/2 DA2 WM F AAP (black)..	60-377-02
P/2 DA2 WM F AAP (white)..	60-377-03
P/2 DA2 WM F AAP EC ....	70-377-10

## APPLICATION DIAGRAM



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