

FEATURES

- Installs in Walker AC8105 Floor Box
- Video Bandwidth in Excess of 400 MHz
- Variable Peaking Control
- Sync Signal Buffering
- Audio Buffering —
Converts Unbalanced Audio Signals to Balanced Audio
- Modular AV Faceplate Accepts Up to 4 Single Space AV Modules
- Black Finish

The DAV111W8 is a VGA line driver and stereo audio buffer specially designed to install in a Walker AC8105 floor box. The DAV111W8 buffers and equalizes the VGA signals from a laptop computer, workstation or other VGA source so they can be extended down up to 250 feet or more using high resolution coaxial cables.

Ultra High Resolution Amplification

With video bandwidth in excess of 400 MHz, the DAV111W8 provides superb performance and maximum image clarity at with signals at virtually any resolution and refresh rate.

Peaking Control

The sharpness / peaking control (located on the back side of the line driver) optimizes image quality, detail and sharpness by providing a variable high frequency boost that compensates for the high frequency losses that normally occur in lengthy cable runs. A/V installers can fine-tune the peaking control to select the exact amount of peaking required to compensate for different cable grades and cable lengths. The chart below shows bandwidth that can be achieved at various output cable lengths using the DAV111W8 line driver with different grades of INLINE coaxial cables.

Sync Buffering

The DAV111W8 also provides sync signal buffering and automatic gain control to restore sync signals to proper TTL levels. This provides enhanced stability and reliability

when sending VGA signals down extended cable runs.

Standard VGA Connectors

Featuring a 15-Pin HD female input connector, the DAV111W8 connects directly to PC, MAC and SGI graphics ports that have 15-Pin HD connectors using standard VGA cables. High resolution coaxial input cables such as the INLINE IN8000 Series Flexible VGA cables and IN8200 Series Flexible VGA & Stereo Audio cables are recommended for optimal performance.

Modular A/V Connector Plate

In addition to its line driving and audio buffering capability, the DAV111W8 also acts as a modular A/V connector plate. The DAV111W8 modular faceplate accepts four single-space A/V connector modules to create a custom A/V connector plate optimized each installation. Over 75 different audio, video, phone, data, and control modules are available to meet virtually any signal connection requirement. The CPM122 modular connector plate is available for applications that require additional A/V connections. This modular connector plate installs in the Walker AC8105 floor box and holds up to 12 single-space A/V connector modules.

DAV111W8

VGA LINE DRIVER FOR WALKER AC8105 FLOOR BOX



Installation Flexibility

Up to two DAV111W8 line drivers can be mounted in one Walker AC8105 floor box. The DAV111W8 circuit boards are fully enclosed to protect them during installation and operation. The main video output connectors are provided as five female BNCs on 6" pigtailed, offering easy connection to the output cable regardless of its entry point into the floor box.

SPECIFICATIONS

INPUTS

Connector:
15-pin HD female — standard VGA pin-outs
RGB Signals: Analog video, 1.5 Vp-p max.
Sync Signals: TTL
Horizontal Sync Range: 30 to 175 KHz
Vertical Sync Range: 30 to 150 Hz
Audio Connector:
3.5mm Mini Stereo Female
Audio Signal Compatibility:
Unbalanced Stereo Audio; Impedance: 10 K Ω

OUTPUTS

Main Output: 5 female BNC on 6" Pigtailed
Output Format: RGBHV, RGBS, or RGSB
Bandwidth: Greater than 400 MHz @ -3 dB with .7 volt input signal
Audio Output Connector:
5-Pin Captive Screw Terminal
Audio Output Signal: Balanced or Unbalanced Stereo Audio; Impedance: 50 Ω

A/V CONNECTOR MODULES

Faceplate accepts up to (4) A/V Connector Modules.

GENERAL

Power Supply: IN9204 — 9VDC; 500 mA Power Supply (included)
Power Connector: 2-Pin Captive Screw Terminal
Shipping Weight: 2.4 lbs. / 1.1 Kg
Product Weight: 0.7 lbs. / 0.32 Kg
Dimensions:
4.3" x 7.2" x 1.61" / 10.9 x 18.3 x 4.1 cm
Storage Temperature / Humidity:
-40° to 158° (-40° to 70° C) / 10% to 90% non-condensing
Ambient Operating Temperature / Humidity:
32° to 113° (0° to 45° C) / 10% to 90% non-condensing

GENERAL

MTBF: 35,000 Hours
Regulatory Approvals:
UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN60950-02

ACCESSORIES INCLUDED

IN9204 9VDC, 500mA Power Supply
IN9334 3/32" Allen Wrench for DAV111W8
Connector Module Set Screws
IN9339 Adjustment Tool w/Technician's Blade
IN9367DB Double Size Blank Plate — Black

ORDER INFORMATION

DAV111W8-1 VGA Line Driver and Stereo Audio Buffer for Walker AC8105 Floor Box with Modular AV Faceplate

Walker Floor Box is not included and Must Be Ordered Separately

CPM122-1 Modular AV Connector Plate for Walker AC8105 Floor Box — Holds up to 12 A/V Connector Modules — Black

Input / Output Cables and A/V Connector Modules are Not Included and Must be Ordered Separately
Distribution Amplifier Accessories