



A WORLD OF A/V SOLUTIONS



DISTRIBUTION AMPLIFIERS

DAV002
1-INPUT, 2-OUTPUT VGA DISTRIBUTION AMPLIFIER



DAV002
OPERATION MANUAL



Installation and Safety Instructions

For Models without a Power Switch:

The socket outlet shall be installed near the equipment and shall be accessible.

For all Models:

No serviceable parts inside the unit. Refer service to a qualified technician.

For Models with Internal or External Fuses:

For continued protection against fire hazard, replace only with same type and rating of fuse.



Instructions d'installation et de sécurité

Pour les modèles sans interrupteur de courant:

La prise de courant d'alimentation sera installé près de l'équipement et sera accessible.

Pour tout les modèles:

Pas de composants à entretenir à l'intérieur. Confiez toute réparation à un technicien qualifié.

Pour les modèles équipés de fusibles internes ou externes:

Afin d'éviter tout danger d'incendie, ne remplacer qu'avec le même type et la même valeur de fusible.



Installations- und Sicherheitshinweise

Für Geräte ohne Netzschalter:

Die Netzsteckdose soll in der Nähe des Gerätes installiert und frei zugänglich sein.

Für alle Geräte:

Keine Wartung innerhalb des Gerätes notwendig. Reparaturen nur durch einen Fachmann!

Für Geräte mit interner oder externer Sicherung:

Für dauernden Schutz gegen Feuergefahr darf die Sicherung nur gegen eine andere gleichen Typs und gleicher Nennleistung ausgetauscht werden.



Instalacion E Instrucciones de Seguridad

Modelos Sin Interruptor:

La conexión debe ser instalada cerca del equipo y debe ser accesible.

Para Todos Los Modelos:

Dentro de la unidad, no hay partes para reparar. Llame un tecnico calificado.

Modelos con Fusibles Internos o Externos:

Para prevenir un incendio, reemplace solo con el mismo tipo de fusible.

CE COMPLIANCE

All products exported to Europe by Inline, Inc. after January 1, 1997 have been tested and found to comply with EU Council Directive 89/336/EEC. These devices conform to the following standards:

EN50081-1 (1991), EN55022 (1987)
EN50082-1 (1992 and 1994), EN60950-92

Shielded interconnect cables must be employed with this equipment to ensure compliance with the pertinent Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) standards governing this device.



FCC COMPLIANCE

This device has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide against harmful interference when equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at their own expense.

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Product Overview

Description

The **DAV002** 1 x 2 VGA Distribution Amplifier is a high-resolution dedicated VGA distribution amplifier designed to amplify and split the VGA signal from a single computer video card to two data-grade display devices. This unit provides signal for a local computer monitor and a second display device such as a presentation monitor or data projector.

Two buffered outputs provide the amplification necessary to extend data displays as far as 100 feet or more away from the source computer when used with high-resolution coaxial cables. For best results, use a high quality cable such as the Inline IN8000 Series VGA extension cable or the IN9045 Series VGA to 5-BNC adapter cables, available in a variety of lengths from 3 feet (1 meter) to 150 feet (46 meters).

Product Features

- 270 MHz bandwidth
- Compatible with VGA signals at resolutions up to UXGA
- 4" attached input cable with 15-pin HD male connector
- Two buffered outputs (15-pin HD female)
- All monitor sense pins passed to display connected to local monitor output
- Attached universal power supply — operates with AC line voltages worldwide
- Durable plastic enclosure
- Economical

Compatibility

Video Input

The **DAV002** VGA Distribution Amplifier provides:

- One male 15-pin HD input on a 4' attached input cable that accepts VGA / RGBHV / RGBS / RGSB / Y-PR-PB, composite, and S-Video signals

Video Output

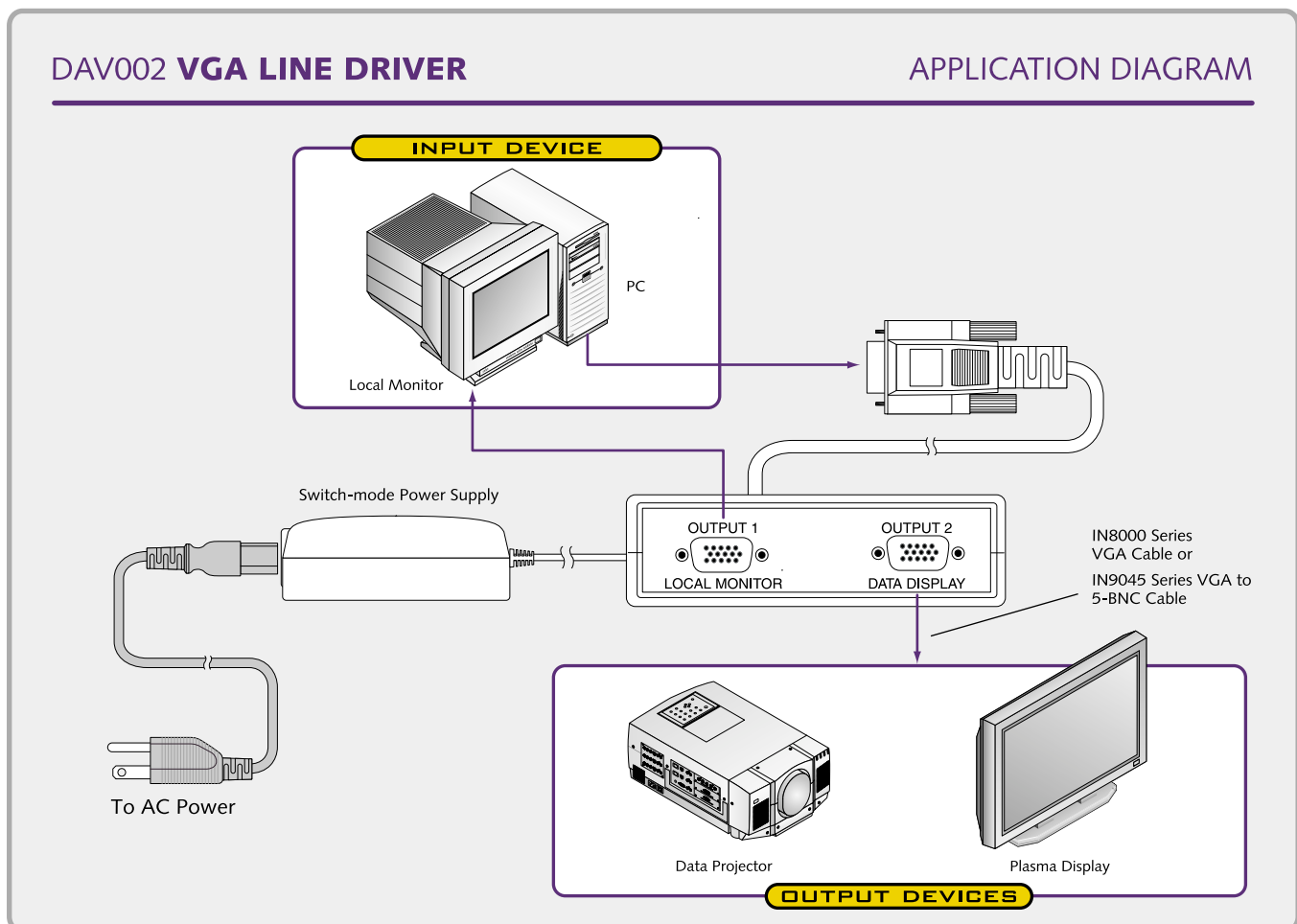
The **DAV002** VGA distribution amplifier provides:

- Two buffered female 15-pin HD connector outputs

Installation and Setup

Place / install the **DAV002** at the desired location. Make sure that the unit is seated securely on a flat surface.

1. Power off the computer and the local monitor.
2. Connect the DAV002 input cable to the computer's VGA output.
3. Connect the computer (local) monitor to **Output 1 - Local Monitor**.
4. Connect the second data display (e.g., data projector, plasma display, presentation, monitor) to **Output 2 - Data Display**.
5. Connect the DAV002 power supply to a local AC power source.
6. Turn on the computer, local monitor, and additional data display.

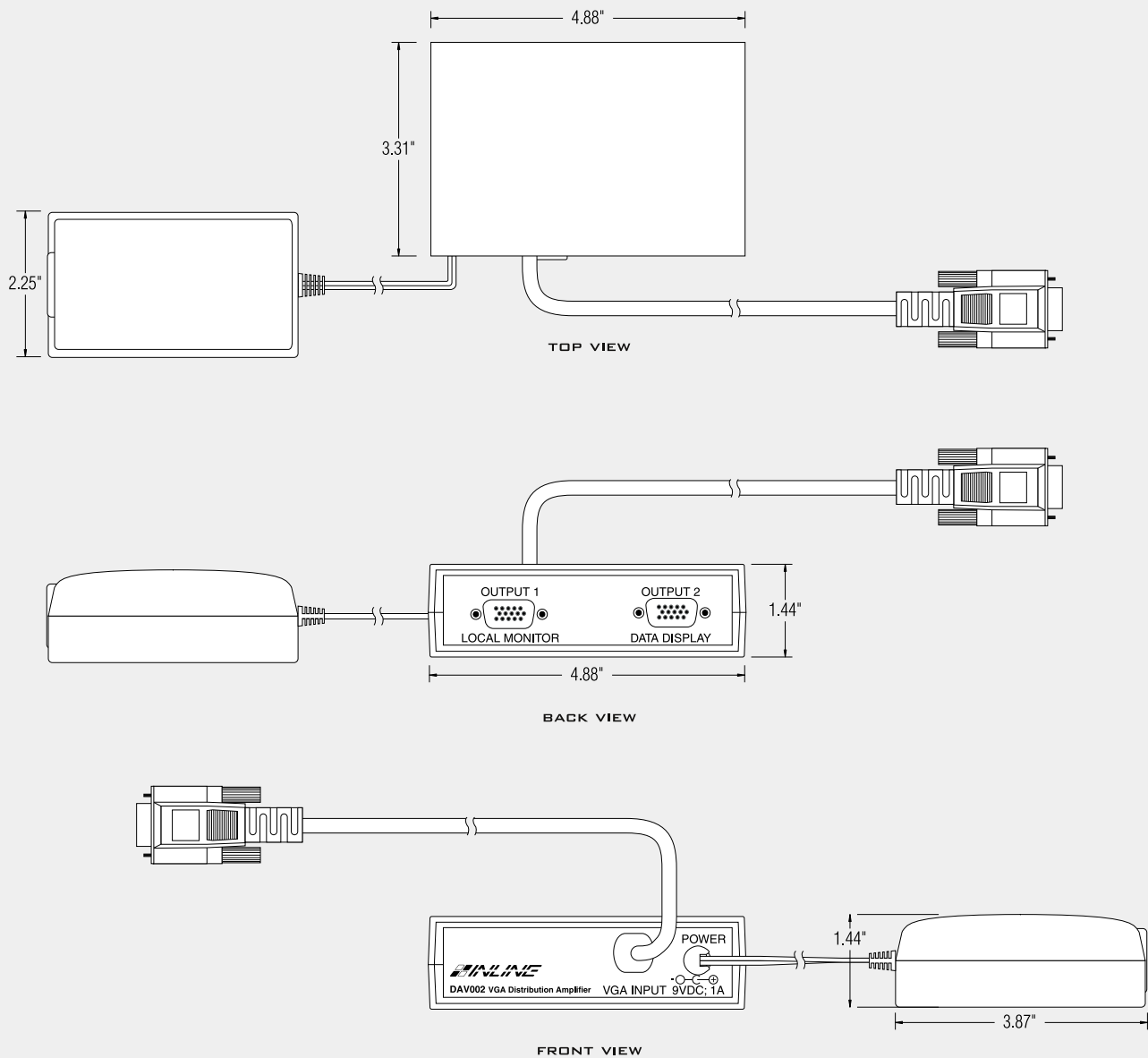


Specifications

DAV002	
Input	
Connector	15-pin HD Male Connector on 4' Attached Input Cable
Signal Format	VGA / RGBHV / RGSB / Y-PR-PB
RGB Signals	RGBHV 1.5 Vp-p Max.
Sync Signals	TTL Compatible for H & V Sync
Horizontal Sync Range	15 to 175 KHz
Vertical Sync Range	30 to 150 Hz
Output	
Connector	(2) 15-pin HD female
Video Gain	1.0 (unity)
Sync	TTL compatible
General	
Bandwidth	270 MHz @ -3 dB with 0.7V p-p Input Signal
Power Supply	100-240 VAC; 50 / 60 Hz 0.45A; External Adapter Attached
Current Requirements	100 mA
Dimensions	4.88" W x 3.31" D x 1.44" H / 12.4cm W x 8.4cm D x 3.7cm H
MTBF	35,000 Hours
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
Regulatory Compliance	
Regulatory Approvals	UL1950, CAN/CSA-22.2 No.950, Third Edition CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN60950-92
Included Accessories	
(1) Operation Manual	
(1) Universal Power Supply (Attached), 5.6'	
(1) Power Cable, Edison Male to IEC Female, 7.5' (US only)	

DAV002 **VGA LINE DRIVER**

PRODUCT DIMENSIONS



Warranty

- INLINE warrants the equipment it manufactures to be free from defects in materials and workmanship.
- If equipment fails because of such defects and INLINE is notified within three (3) years from the date of shipment, INLINE will, at its option, repair or replace the equipment at its plant, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.
- Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of re-shipment to the Buyer.
- This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

The information in this manual has been carefully checked and is believed to be accurate. However, INLINE, Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will INLINE, Inc. be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the **DAV002** features and specifications is subject to change without notice.

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