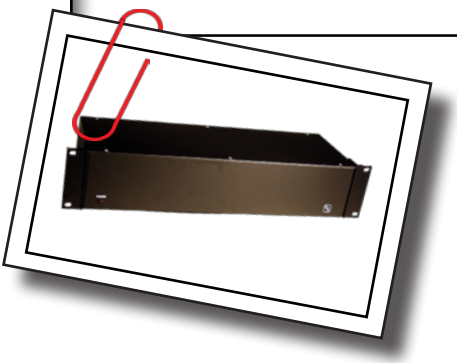
VDA-1612

(16) 1x2 Distribution Amplifier

Instruction Manual



Thank you for purchasing one of our products. Please read this manual before using this product. When using this product, always follow the instructions contained in this manual, and pay attention to the safety information.

WARNING!

Do not expose this product to water, rain or moisture.
Doing this can result in electric shock or fire.

Never take this product apart or try to modify it.
Doing so is very dangerous and could result in electric shock.

Do not store this product near open flame.
Do not use this product near open flame or place lit or flammable items, such as candles, incense, ect., on it.

Do not place any containers filled with water or other liquids near this product.
Doing so could result in fire or electric shock if the liquid spills and enters the product or gets it wet. If a liquid spills near this product, unplug the product immediately.

Do not remove or insert the power supply with wet hands.
Doing so could result in electric shock.

Do not use the power supply in any of the following ways.
Doing so could result in fire or electric shock.
Modifying or heating the power cable
Damaging the power cable
Bending or tugging on the power cable unnecessarily
Knotting or kinking the power cable
Setting heavy objects on the power cable

When moving this product , first unplug the power supply from the outlet. Do not tug the cable or move this product with the power supply plugged into the outlet.
Doing so could damage the cable, possibly resulting in fire or electric shock.

To reduce the risk of electric shock, do not remove the cover.
No parts inside the product can be serviced by the user. If your product needs service contact:

Compu-Video Systems Inc. at (845) 737-7009.

Usage Environment
Avoid using or storing this product in areas such as those listed below. Doing so could damage the product or cause it to malfunction.
Areas exposed to heat or flames
Humid areas and areas where water is used

Handling this product
Do not drop or apply a strong force to this product or any included or connected parts.
Do not spill liquids around or inside this product or drop flammable objects around or inside it.

Power Supply
Only use the supplied power supply which is designed specifically for this product.
Do not allow the plug to come into contact with metal or water.

This Product is not designed for contact medical use
Do not use this product for medical applications that could result in patient contact.

The information in this manual is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. Compu-Video assumes no liability in connection with damages incurred while using this product.

WARNING!

SURGE PROTECTION

This device has each input equipped with a surge protection device. In order to provide maximum effectiveness, you must connect the ground screw located on the rear by the power connector to an electrical ground or a cold water pipe ground. If your model does not have a ground screw use the side cover screw as your grounding point.

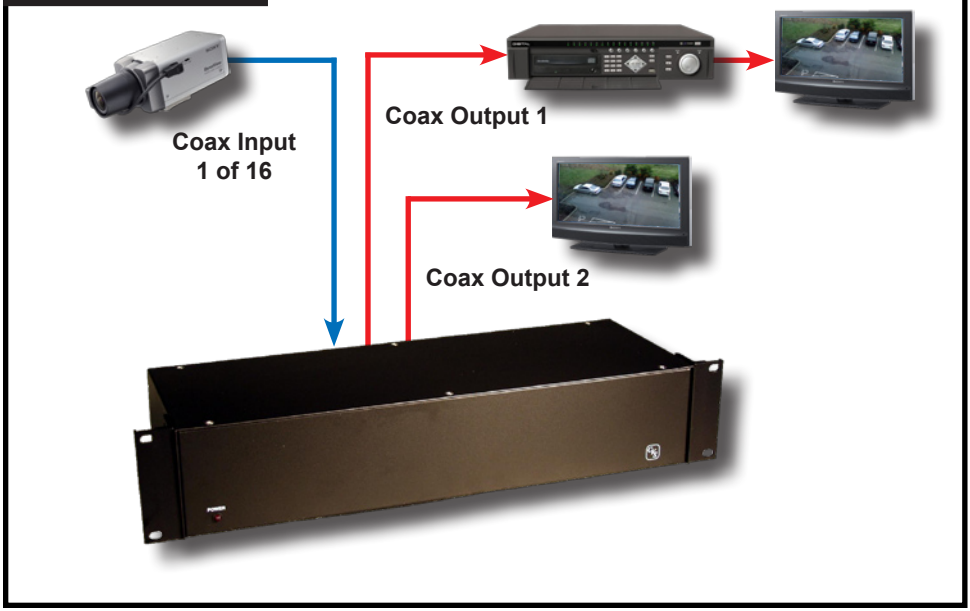
THIS IS NOT A LIGHTNING ARRESTOR. IT IS ONLY RATED FOR +/- 15 KV AIR AND +/- 8 KV CONTACT.

P.O. Box 749 Peekskill, NY 10566 Tel: (845) 737-7009 Fax: (845) 737-0426 Web: www.compuvideosystems.com

Model	# Of Inputs	# Of Outputs	Controls	Special Features
DA-1612	16	2 Per Input	None	None

Any unused inputs and outputs can be left open and unterminated and will not affect the other signals being fed in and out of the unit.

Fig. 1
Connections

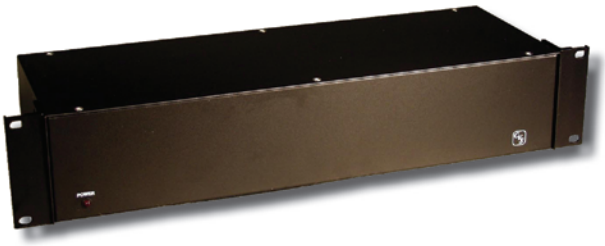


VDA-1612

Compu-Video Systems

CVS

(16) 1x2 Multiple Input Video Distribution Amplifier, Coax



FEATURES:

- ·Sixteen 1x2 Distribution amp in each unit
- ·Industrial grade specifications
- ·UL listed Power Supply
- ·High quality Color video performance
- ·2 Rack units with removable rack ears
- ·Made in the USA

The **VDA-1612** has 16 high performance 1x2 color video distribution amplifiers in single, rack mountable, chassis. Great for adding remote access to existing systems. Instead of installing 16 separate VD 's, use the **VDA-1612** to save space and money. For 1x1 or operations, use only the outputs needed and simply leave the leftover ones unterminated. A UL listed power supply is provided with the **VDA-1612**.

SPECIFICATIONS

Video:		V Tilt:	<1%
Inputs (16):	Composite Video, NTSC or PAL	Crosstalk Between	
Input Connectors:	BNC	Channels (All Hostile):	>60dB @ 3.58mHz
Input Level:	1.0VPP Into 75 ohms	**Power Requirements:**	
Input Impedance:	75ohm +/-5%	AC Operation:	Use CVT-1250 Adapter
Outputs (48):	2 Per Input		Supplied With Unit
Output Connectors:	BNC	AC Power:	120VAC +10% / -15% / 60Hz
Output Impedance:	75ohm +/-5%	AC Power Draw:	<8w
Gain In/Out:	Unity	Power Connector:	3.5mm Phono Plug
Diff Gain:	<1%	**Mechanical:**	
Diff. Phase:	<1°	Size:	19.00"W x 6.8"D x 3.50"H
Frequency Response:	0-60mHz +/- .5dB	Weight:	2.5lbs
Power / Supply Hum:	<63dB	Temperature Range:	0 - 60°C
H Tilt:	<1%	MTBF:	>281,000 hours
		Operating Temp Range:	0-40°C With Provided Power Supply
			-35-80°C Without Provided Power
			Supply

All Specifications Subject To Change Without Prior Notification

Phone: (845) 737-7009 • Fax: (845) 737-0426 • www.compuvideosysten

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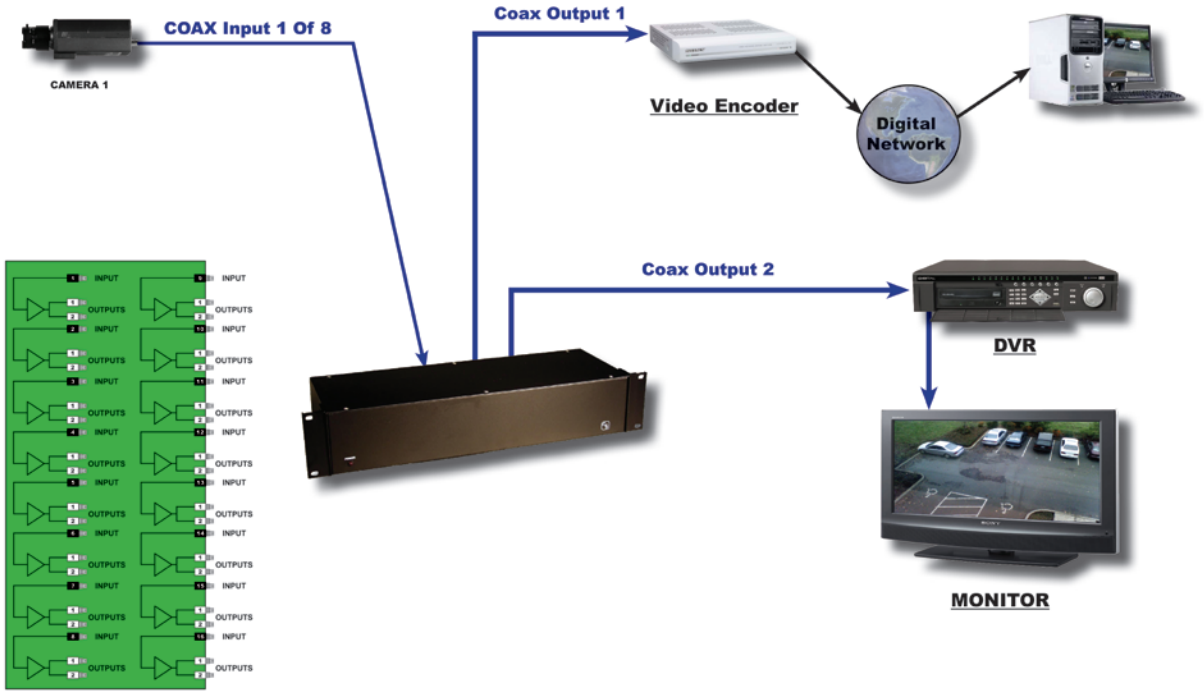

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P.O. Box 749 Peekskill, NY 10566 Tel: (845) 737-7009 Fax: (845) 737-0426 Web: www.compuvideosystems.com

LIMITED WARRANTY:

Compu-Video Systems warrants this product and all accessories provided with it to be free of defects in material and workmanship for a period of 5 years after the original date of purchase. This warranty does not cover damage to the product resulting from accident, misuse or modification.

How The Warranty Works

If this product, or any of the accessories supplied with it, become defective within the warranty period, Compu-Video Systems Inc. will at its discretion repair, or replace the product with an equivalent unit of equal or higher value without charge. Overland return transportation from Compu-Video Systems Inc. to the user is free of charge.

How To Get Service

Please contact CVS by phone for return authorization number and then return the defective unit, transportation prepaid and a dated proof of purchase to:

Compu-Video Systems Inc.
37 Arden Drive
Garrison, NY 10524

The customer is responsible for all costs incurred from shipping the product back to Compu-Video Systems.

Obtaining Technical Help/Service

Web Site: www.compuvideosystems.com
Phone: (845) 737-7009
Fax: (845) 737-0426

In no event shall Compu-Video Systems Inc. be liable for Consequential Damages.

Some states do not allow exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Compu-Video Systems
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