Specifications

Voltage Requirement	12 VDC
Power	USB or DC
Current Requirement	800 mA
Input Connectors	One (1) female HD15
Output Connectors	Two (2) female HD15
HD15 Pinout	Pin 1: Red Pin 2: Green Pin 3: Blue Pin 4: ID2 Pin 5: Ground Pin 6: Analog Ground Pin 7: Analog Ground Pin 8: Analog Ground Pin 9: NC Pin 10: Ground Pin 11: ID0 Pin 12: ID1 Pin 13: Horizontal Sync Pin 14: Vertical Sync Pin 15: ID3
Output Range (without a secondary balun)	150 feet
Output Range (with a secondary balun)	Dependant on the balun's distance limitations
DDC Support	Supports DDC, DDC2, DDC2B (Output 1 Only)
Max Resolution	2048 x 1536
Signal Bandwidth	300 MHz
Weight	345.8 g (12.2 oz.)
Enclosure	Black Metal
Dimensions	5.12" x 2.95" x .99"
Intelix Part #	VGADA-2
Linkable	Yes
Diagnostic	Green power LED
Regulations/Certifications	CE, FCC
Included Accessories	(1) USB cable, (1) 12VDC Power Supply
Warranty	2 years

*Specifications subject to change without notice

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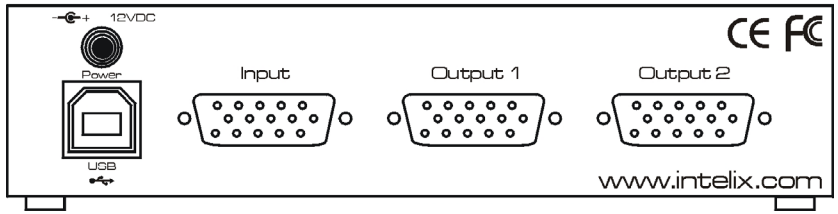
VGADA-2
Installation Guide



Overview

The Intelix VGADA-2 distribution amplifier provides two RGBHV (VGA) outputs from a single source. Typically used with computers, the VGADA-2 is ideal in applications where several monitor outputs are required. Multiple VGADA-2 amplifiers may be linked when more than two outputs are required.

Features

- 300 MHz Bandwidth
- Up to 2048 x 1536 resolution
- DC or USB Power
- Linkable
- Ultra Compact Size
- Rugged Metal Housing

Installation

Caution: Do not attempt to open the VGADA-2 housing. There are no user-serviceable parts inside the product. Opening the unit will void your warranty.

To install a VGADA-2 distribution amplifier, perform the following steps:

1. Turn off power and disconnect the video equipment (PC, laptops, monitors, etc.) by following the manufacturer's instructions.
2. Connect the output of the source device to the VGADA-2 input.
3. Connect the input of the destination devices to the output connectors of the VGADA-2 using high-quality HD15 (VGA) cables. Verify that the total cable length is under 150 feet or a secondary audio/video over Cat 5 balun is being used. If linking multiple VGADA-2s, see *Linking*.
4. Plug the DC connector from the 12VDC power supply into the VGADA-2. Or, connect the USB cable to the source device (i.e., computer) and the VGADA-2.
5. Plug the power supply into an AC outlet.
6. Power on the source and destination devices.

Note: If you connect a DDC monitor to output 1 of the VGADA-2, all other monitors must be able to support the same resolution as the DDC monitor.

Linking

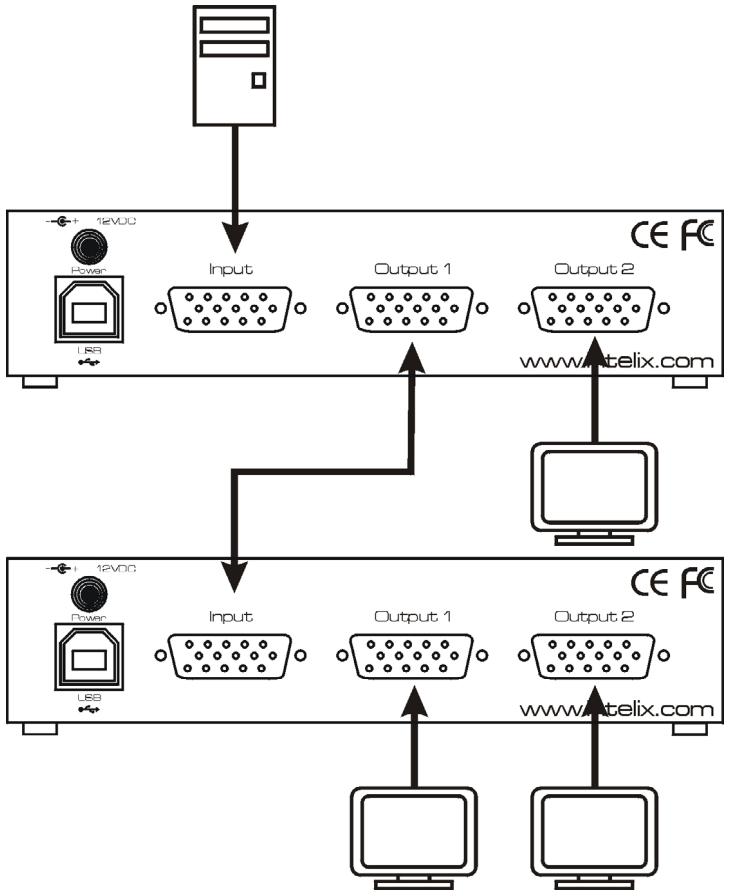
To display the same image on more than two monitors, multiple VGADA-2 amplifiers may be linked. Simply connect the input of additional VGADA-2 amplifiers to an output of the original VGADA-2.

Caution: There will be signal loss with each subsequent VGADA-2 connection.

Troubleshooting

If your equipment malfunctions with VGADA-2 amplifiers in place, follow the troubleshooting procedures below:

1. Perform diagnostics on your video equipment by following the manufacturer's instructions.
2. Check all the connections and the cabling in between devices.
3. The maximum operational distances over which the VGADA-2 can be transmitted is dependant on the equipment used and cable. Ensure that the maximum recommended operational distances have not been exceeded.
4. Replace the VGADA-2 with another VGADA-2 that is known to be working.
5. If you still cannot diagnose the problem, contact Intelix for support.



Example: Linking two VGADA-2 Amplifiers