



HOME
THEATER



S-VGA Splitters with Audio

Vanco Part Number:

280448 (1x8)

280444 (1x4)

280442 (1x2)

Technical Support

www.vanco1.com • info@vanco1.com • 800-626-6445

DEAR CUSTOMER

Thank you for purchasing this product.
For optimum performance and safety, please
read these instructions carefully before
connecting, operating or adjusting this product.
Please keep this manual for future reference.

These VGA splitters distribute the input VGA video and stereo audio signals in to two, four, or eight identical outputs simultaneously depending on the model. These products have the ability of buffering and amplifying the VGA signals. Each amplified splitter output can achieve long distance transmission of the VGA video and audio signals of more than 164 ft (50m).

These VGA Splitters offers solutions for monitors or projectors in conference center, retail and show site applications and provide for straight-forward distribution of computer based information and presentations in corporate and educational meeting and training environments.

S-VGA 1x2 Splitter with Audio

Part # 280442

- Use to Duplicate and Amplify VGA and Audio Signals from a Single Source to Two Monitors or other Display Devices
- Enhances Video Signals for Long Distance Broadcast up to 164 ft (50m)
- Supports VGA, SVGA, XGA, SXGA, UXGA and Multi-Sync Compliant Monitors
- Supports Video Resolutions up to 1920x1200 at 60 Hz
- Supports 500 MHz Video Bandwidth for Each Port
- Supports Two Channel Stereo Audio, Bandwidth: 30 KHz
- (1) Input Connector: HD-DB15 (15 Pin) Female Jack and 3.5mm Female Jack, (2) Output Connectors: HD-DB15 (15 Pin) Female Jacks and 3.5mm Female Jacks
- Includes 6 ft VGA Male/Female Cable
- Power Supply: 5 V DC, UL Listed
- Dimensions: 4.7" W x .9" H x 2.8" D

FEATURES

S-VGA 1x4 Splitter with Audio

Part # 280444

- Use to Duplicate and Amplify VGA and Audio Signals from a Single Source to Four Monitors or other Display Devices
- Enhances Video Signals for Long Distance Broadcast up to 164 ft (50m)
- Supports VGA, SVGA, XGA, SXGA, UXGA and Multi-Sync Compliant Monitors
- Supports Video Resolutions up to 1920x1200 at 60 Hz
- Supports 500 MHz Video Bandwidth for Each Port
- Supports Two Channel Stereo Audio, Bandwidth: 30 KHz
- (1) Input Connector: HD-DB15 (15 Pin) Female Jack and 3.5mm Female Jack, (4) Output Connectors: HD-DB15 (15 Pin) Female Jacks and 3.5mm Female Jacks
- Includes 6 ft VGA Male/Female Cable
- Power Supply: 5 V DC, UL Listed
- Dimensions: 6.5" W x 1.8" H x 3.6" D

S-VGA 1x8 Splitter with Audio

Part # 280448

- Use to Duplicate and Amplify VGA and Audio Signals from a Single Source to Eight Monitors or other Display Devices
- Ideal for Commercial Demonstrations, Conferences, Conventions, School and Corporate Training and Presentations
- Enhances Video Signals for Long Distance Broadcast up to 164 ft (50m)
- Supports VGA, SVGA, XGA, SXGA, UXGA and Multi-Sync Compliant Monitors
- Supports Video Resolutions up to 1920x1200 at 60 Hz
- Supports 500 MHz Video Bandwidth for Each Port
- Supports Stereo Audio op/2-CH Audio, Bandwidth: 30 KH
- (1) Input Connector: HD-DB15 (15 Pin) Female Jack and 3.5mm Female Jack, (8) Output Connectors: HD-DB15 (15 Pin) Female Jacks and 3.5mm Female Jacks
- Includes 6 ft VGA Male to Female Cable
- Power Supply: 5 V DC, UL Listed
- Dimensions: 10.5" W x 1.8" H x 4.5" D

SPECIFICATIONS

Signal Inputs/Output

Input video Signal	1.2 volts p-p
Maximum Single Link Range	1920X1200,1080p
Operating Frequency	
Vertical Frequency Range	30-170 Hz
Video Amplifier Bandwidth	500MHz

Input/Output connector

Input	VGA 15pin male
Output	VGA 15pin female

Warranty

Limited Warranty	1 Year Parts and Labor
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Environmental

Operating Temperature	0 to +70 degrees C, (32deg F to 158 deg F)
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10 to +80 degrees C (14 deg F to 176 deg F)
Storage Humidity	5% to 90 % RH (no condensation)

Power Requirement

External Power Supply	5V DC@2A
Power consumption (Max)	5W(max)

Regulatory Approvals

Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC

Note: Specifications are subject to change without notice.

PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit
- 6 ft VGA cable
- 5V/2A DC Power Supply
- User's Manual

CONNECT AND OPERATE

1. Connect the supplied VGA cable from the VGA source into the VGA input of the splitter.
2. Connect stereo audio cable from audio output of the source into the audio input of the splitter. The audio cable is not supplied with the splitter.
3. Connect VGA cables (typically male/male) from the displays into the VGA outputs of the splitter.
4. Connect stereo audio cable (typically male/male) from audio receiver into the audio output of the splitter.
5. Insert the DC side of 5v power supply into the splitter and then plug the AC side of the power supply into the wall outlet.

Attention: Insert / Extract cable gently.

280442 - Front and Back



280444 - Front and Back



LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of one year from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or a uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by e-mail at support@Vanco1.com or call 1-800-626-6445 between the hours of 8am and 5pm central US time zone on Monday through Friday.

When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call.

Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theater applications.

For additional information, such as helpful installation videos, glossary of terms, etc. please visit www.vanco1.com

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