Digitogo

User Manual

VGA Self-Powered Splitter Series

SP-VS102A

VGA Self-Powered 1 x 2 Splitter with Audio

SP-VS104A

VGA Self-Powered 1 x 4 Splitter with Audio

SP-VS108A

VGA Self-Powered 1 x 8 Splitter with Audio

Introduction

D2G proudly introduces the VGA Self-Powered Splitter series. With our Self-Powered function, these splitters can operate perfectly at 1080p resolution without needing extra power supply. High bandwidth of 730 MHz supports 2K or higher resolution. In case 2K resolution is desirable for broadcast, power supply or USB power may be needed to view all 4 ports.

VGA Splitter can broadcast one VGA source to Multiple VGA display devices. It is perfect for public exhibits, video conference, and multimedia presentations, etc. Crystal clear image quality is maintained throughout, even when splitting the video signal to multiple monitors.

Features

- ♦ Self-Powered via Input VGA Cable – fully function without adapter @ 1080p resolution. Optional: Power Supply and USB Power for 2K resolution.
- ♦ Plug and Play - no driver or software installation needed.
- ♦ Built-in EDID function - detects the supporting resolutions of the monitor connected to Port #1 and transmits the signal to other ports accordingly.
- ♦ Connects up to 2 / 4 / 8 VGA displays with stereo audio and displays simultaneously.
- ♦ Supports VGA 2K resolutions up to 2048 x 1536 @ 60/70/75Hz all PC mode resolution.
- ♦ Equipped with Stereo Audio for quality audio performance
- ♦ Video amplifier bandwidth: 730 MHz
- ♦ Locking DC 5V Power Jack.

Panel Description

SP-VS102A / SP-VS104A / SP-VS108A
Front   (sample: SP-VS104A)

1 Power Supply   2 Power Indicator   3 Spare USB Port

4 Audio Input   5 VGA Input

Rear

1 VGA Outputs   2 Audio Outputs

Installation & Operation
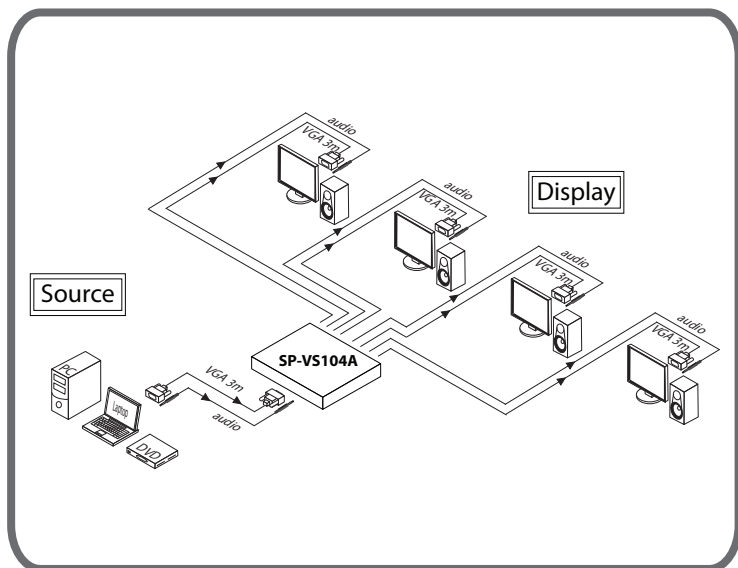
Before installing the device:
1. Please read the User Manual before installation.
2. Use high performance VGA & Audio cables.
3. Please turn off power for all the sources and display devices.

Installing SP-VS102A / SP-VS104A / SP-VS108A:
1. Connect VGA & Audio cable to your VGA source and VGA Splitter Input.
2. Connect VGA & Audio cables to your VGA Splitter Outputs and Displays.
3. After connecting all the cables, please plug in the power supply.
   LED light will turn ON to indicate power status. **Notes: With sufficient power from graphic card, our VGA Self-Powered Splitter Series can operate @1080p without needing power supply**
4. Please turn on the source and display devices. The Built-In EDID function will detect the supporting resolution of the display connected to Port #1 as priority.

Diagram

SP-VS102A / SP-VS104A / SP-VS108A　(sample：SP-VS104A)

Specification

Model/Order #	SP-VS102A	SP-VS104A	SP-VS108A
Model Name	VGA Self-Power 1 x 2 Splitter with Audio	VGA Self-Power 1 x 4 Splitter with Audio	VGA Self-Power 1 x 8 Splitter with Audio
Input — Video	VGA x 1		
Input — Audio	3.5mm Phone Jack x 1		
Input — USB power	USB x 1 (Spare Power)		
Output	VGA x 2 + 3.5mm Phone Jack x 2	VGA x 4 + 3.5mm Phone Jack x 4	VGA x 8 + 3.5mm Phone Jack x 8
Max. VGA Cable Length	3m		
Support Resolution	Up to VGA 2048 x 1536 resolution @ 60/70/75Hz		
Video Bandwidth	730 MHz		
Support Audio	PC Stereo Audio		
Weight (g)	450g	600g	750g
Power Supply	DC 5V / 2A		
Material	Metal		
Wall/Rack Mount	Wall	Rack	Rack
Dimensions (mm)	160 x 69 x 44	220 x 83 x 44	220 x 83 x 44
Operating Temperature	0° C ~48° C		

Remarks

- Please read the operation manual carefully before operating the devices.
- High quality cable to ensure optimal performance.
- Any unauthorized changes or modifications to the devices without approval from the manufacturer could void the warranty of the device.
- Please ensure the DC power of the source and display are on the same phase and correct grounding to prevent the potential power damage.
- Please use the included power supply only. Usage of different power supply may cause impair performance, damage the devices or fire.
- Avoid sudden change in humidity or temperature.
- Please do not open or make any change on the devices.
  Attempting to do so could cause electrical shock or other hazards, and warranty will be voided.

Warranty

Digitogo warrants that product has limited warranty for 2 years from the date of receipt. Items that are physically damaged, misused, or altered are void of warranty. In the even if product fails because of defects, Digitogo will replace or repair provided that the equipment has been proven malfunction not subject to damage in transit, damage caused by natural catastrophes or environmental conditions. Product with missing or defaced labeling will also be excluded from warranty coverage.

Replacement Condition: Product failure under conditions other than specified above will be replaced 90 days from the day of receipt.
Repair Condition: Product failure after 90 days of receipt and up to 1 year will be repaired at no charge. Product received over 1 year but less than two years will be charged for parts only.

In case of cost associated with repair, Digitogo will inform charges prior to proceeding. Functional test will be done before returning repaired product.
Proof of sale will be required in order to process warranty claim. Customers will be responsible for shipping charges to and from Digitogo for returned product.

In no events shall Digitogo be liable for direct or indirect, special, incidental, or consequential damages for personal injury, loss of business profit, loss of business information arising out of the use of or inability to use of this product.

Digitogo reserves the right to revise or update product information without obligation to notify users of such revision or updates.