

VIDEO/AUDIO SPLITTER



(2 Port)
1 In 2 Out



(4 Port)
1 In 4 Out



(8 Port)
1 In 8 Out

USER MANUAL SPL-SVGA-2/4/8 AOUT

Package Contents-

- SmartVM's 2, 4 or 8 Port Video Audio Splitter
- User Manual
- Power adapter AC 7.5V 800mA

Introduction

SmartVM's Video/Audio splitter, by virtue of the VGA Video and 3.5mm Stereo Audio from the PC, can drive 2,4,8 monitors and earphones function concurrently.

Video/Audio splitter is ideal for:

- ③ Test bench facilities
- ③ Data center
- ③ Help desks
- ③ Video broadcasting:
 - Presentation
 - Stock quotes
 - Timetables
 - Educational facilities

Features

- ③ Multi-function.
- ③ 1U rack design for 8 Port Video Audio Splitter.

Video:

- ③ 400 MHz pixel frequency.
- ③ Extends video signal up to 65 meter (213 feet).
- ③ Supports the DDC, DDC2, DDC2B. (For video out port 1)
- ③ Units can be cascaded.
- ③ Output is compatible with standard VGA card.

Audio:

- ③ General audio line level.
- ③ Can be cascaded.
- ③ Available for general earphone.

Specifications

Video:

- ③ Extended Distance: Max. 65 meter.
- ③ Signal Type: VGA, SVGA, XGA, QXGA, UXGA, Multisync.
- ③ Input Connector: HD-15 female.

Audio:

- ③ Operation Frequency: 50Hz~15KHz.
- ③ Input Impedance: 20K .
- ③ Max. Audio Input: 2.5Vp-p.
- ③ Input Connector: 3.5 mini-stereo jack.

Function	2 Port	4 Port	8 Port
Video Out Connector (HD-15 Female)	2	4	8
Max. Resolution	2048 x 1536 60 Hz		
Pixel Frequency	400 MHz		
Audio Out Connector (3.5 Mini-Stereo Jack)	2	4	8
Power Adapter	AC 7.5V 800mA		DC 7.5V 1.5A
Housing	Metal		
Weight	465 g	670 g	1325 g
Dimensions (LxWxH) mm	130x75x42	200X75X42	343x105X42

Technical Specifications Input/Output Signal

Pin #	Signal
1	Red video
2	Green video
3	Blue video
4	ID2
5	Ground
6	Analog ground
7	Analog ground
8	Analog ground

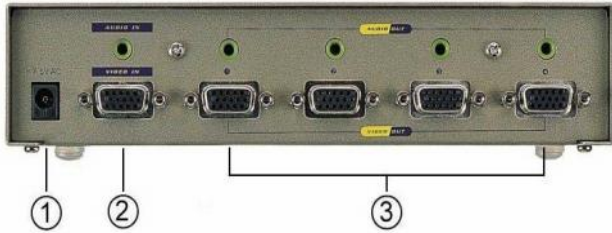
Pin #	Signal
9	NC
10	Ground
11	ID0
12	ID1
13	Horizontal sync
14	Vertical sync
15	ID3

FRONT VIEW



1. Power LED

REAR VIEW



1. Input Power Jack
2. "Audio In" Port & "Video In" Port
3. "Audio Out" Port & "Video Out" Port

*There are 2/4/8 out ports.

Installation

1. Turn off the PC and monitor.
2. Connect the HD-15 video cable between the "video output" of PC and "video in" port of the video/audio splitter.
3. Connect the 3.5 audio cable between the audio output device and the "audio in" port of video/audio splitter.
4. Connect the HD-15 video cables between the "video input" of monitors and "video out" ports of video/audio splitter.
5. Plug the 3.5 earphones into the "audio out" ports of the video/audio splitter.
6. Turn on the video/audio splitter and then LED lights up.
7. Turn on the PC, monitors and the related devices.

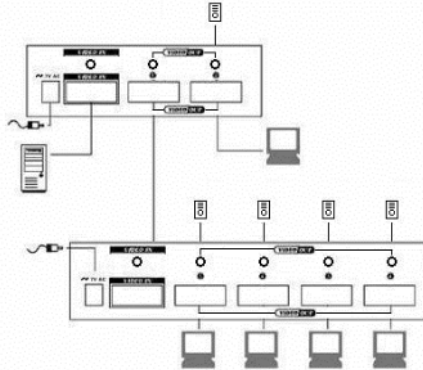
Note:

- ③ If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.
- ③ Available monitors include the VGA, SVGA, XGA, QXGA, UXGA, Multisync, and exclude the CGA, EGA, Mono.

2. Connect the HD-15 male/male video cable between the "video out" port of the former splitter and the "video in" port of the latter splitter, meanwhile, connect the 3.5 audio cable between the "audio out" port of the former splitter and the "audio in" port of the latter splitter.

Note:

Cascading too many tiers of splitters might cause the image or audio quality declined.



P.S.: How to Cascade 2 and 4 ports video/audio splitters.

Operation for cascade:

1. To display identical image on more than 8 monitors as well as hear same audio on more earphones, you can cascade multiple video/audio splitters.

Trademarks:

All the companies, brand names, and product names referred to this manual are the trademarks or registered trademarks belonging to their respective companies.

SmartVM
23900 Mercantile RD
Cleveland OH 44122
Tel: 216-765-1122
Fax: 216-765-0548
URL: www.smartvm.com
Email: sales@smartvm.com

