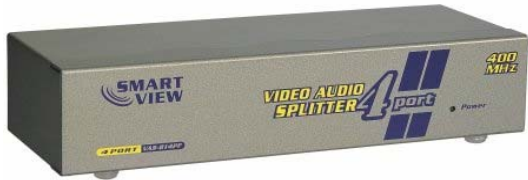


# VIDEO/AUDIO SPLITTER



(VAS-812PF)  
1 In 2 Out



(VAS-814PF)  
1 In 4 Out



(VAS-818PF)  
1 In 8 Out

## USER MANUAL

### VAS-812PF / VAS-814PF / VAS-818PF

#### Package Contents-

- 1 Smart View VAS-812PF or VAS-814PF or VAS-818PF video/audio splitter
- 1 user manual
- 1 power adapter AC 7.5V 800mA for VAS-812PF and VAS-814PF, DC 7.5V 1.5A for VAS-818PF

Any thing missed, please contact with your vendor.

## Introduction

Through the VAS-812PF, VAS-814PF, VAS-818PF video/audio splitter, by virtue of the video of VGA card and the audio of sound card from the PC, can drive 2,4,8 monitors and earphones function concurrently.

Video/audio splitter is ideal for:

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

## Features

- Multi-function.
- 1U rack design for VAS-818PF.
- Video:**
  - With 400 MHz pixel frequency.
  - Extends the video signal up to 65 meter (213").
  - Supports the DDC, DDC2, DDC2B. (For video out port 1)
  - Can be cascaded.
  - The output is compatible with standard VGA card.
- Audio:**
  - General audio line level.
  - Can be cascaded.
  - Available for general earphone.

## Specifications

#### Video:

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

#### Audio:

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

Function	VAS-812PF	VAS-814PF	VAS-818PF
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 φ 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

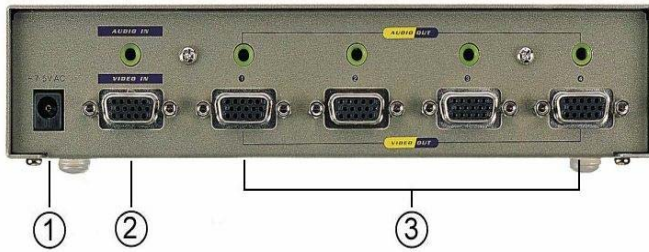
Pin #	Signal
9	NC
10	Ground
11	ID0
12	ID1
13	Horizontal sync
14	Vertical sync
15	ID3

### 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 for VAS-812PF / VAS-814PF / VAS-818PF.

## 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  $\phi$  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  $\phi$  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:

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

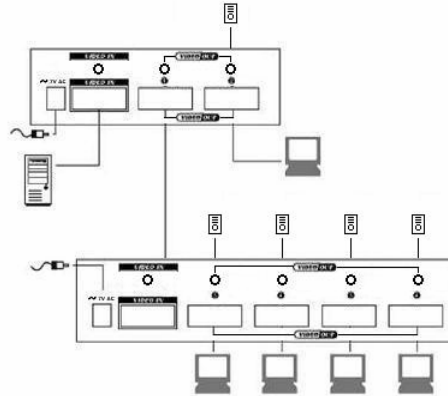
## Operation for cascade:

1. The function for displaying the identical image on more monitors as well as hearing the same audio from more earphones, you request to attach another video/audio splitter.
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  $\phi$  audio cable between the "audio out" port of the former splitter and the "audio in" port of the latter splitter.

port of the latter splitter, meanwhile, connect the 3.5  $\phi$  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.: The example cascades the 2 and 4 ports video/audio splitters; however, you can cascade the video/audio splitter with demanded port.

### Trademarks:

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