

VIP-100

The Complete Solution...

FSR

Video Products Group

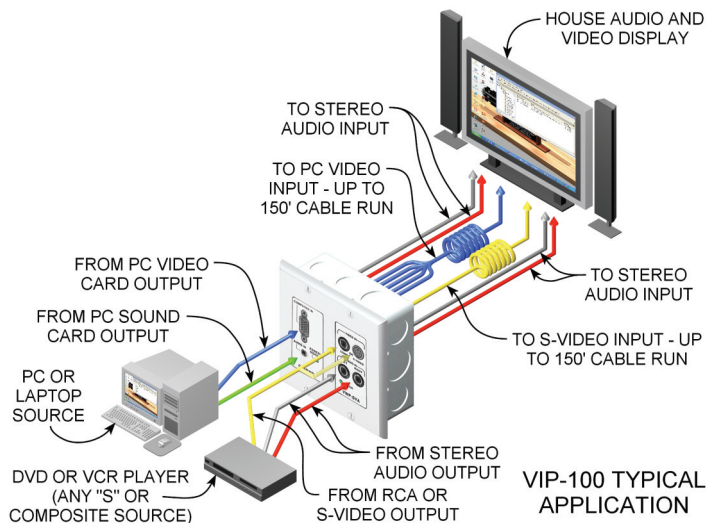
VIP-100

DESCRIPTION

The VIP-100 is a two-gang Decora®-style product containing a CI-5BWPA Computer Video-with-Stereo Audio interface and a VWP-SVA Composite-video/S-video-with-Stereo Audio interface. A power supply is included to conveniently power both units. The VIP-100 includes a matching white dual decora cover plate.

The CI-5BWPA interface addresses many applications where long cable runs are required between a PC or Notebook computer and a projector/house audio system. This unit is a 1-input/1-output computer-video and stereo-audio line driver with cable equalization. On the unit's face, there's an HD-15 D-sub RGBHV connector for the computer input, and a 1/8"-mini stereo connector (unbalanced) for the audio input. The RGBHV output is via 5 female BNC pigtails. The unbalanced stereo audio input is converted to a balanced signal and then output through a captive-screw terminal strip. The unit has a 3-position-jumper adjustment (High/Low/Off) for the video output, allowing cable-equalization adjustment for cable lengths of up to 150 feet. Video bandwidth of 400 MHz provides superior signal integrity, especially in applications where the output cable run is long.

The VWP-SVA is a Composite-video, S-video, and Stereo Audio Interface. This unit provides an attractive connection point for VCRs, DVD players, document cameras, and much more. It auto-matically selects the active Composite- or S-video input, converting Composite signals to S-video. The selected signal (in S-video format) is then passed through a line driver to allow cable runs of up to 300 feet. The unbalanced stereo audio input is converted to a balanced signal to get the highest audio quality, and to help prevent interference and ground loops. The unit's face has an RCA connector for the composite video input, a 4-pin DIN connector for the S-video input, and a pair of RCA connectors for the stereo audio inputs. The S-video output is provided on pair of pigtail-mounted BNC connectors, and the balanced stereo audio output signal is made available via a captive-screw terminal strip. The VWP-SVA simplifies system design and installation, with one less cable to run and one less signal type to switch: this represents an overall savings to the end user, while providing high quality video and audio.



APPLICATIONS:

- Boardrooms
- Education
- Training Rooms
- Rentals
- Staging Events
- Conference Centers
- Videoconferencing

FSR Inc.

244 Bergen Boulevard, Woodland Park, NJ 07424

Phone: 973.785.4347 · Fax: 973.785.4207

Web: www.fsrinc.com · E-mail: sales@fsrinc.com LIT 1141A

TECHNICAL SPECIFICATIONS

CI5-BWPA Specifications

VIDEO INPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RGsB / RsGsBs
 Connectors: One 15 pin HD female
 Level (nominal): Analog 0.7v p-p
 Level (maximum): 2v p-p
 Impedance: 75 ohms

VIDEO OUTPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RsGsBs
 Connectors: 4" Pig-tail of 5 female BNC's (RGBHV)
 Bandwidth: 400 MHz @ -3 dB
 Level (nominal): Unity / User adjustable via HI / LOW / OFF Jumper
 Gain: HI = 100' to 150' / LOW = 50' to 100' / OFF = 0' to 50'
 Impedance: 75 ohms

AUDIO

Bandwidth: 20Hz to 20 kHz (+/-0.05dB)
 THD + Noise: 0.01% 20Hz to 20 kHz at max rated output
 Noise Floor: \geq -90dBm 20Hz to 20 kHz
 Stereo separation: -90dB @ 1 kHz
 Gain: +6dB

AUDIO INPUT

Number/type: 1 stereo unbalanced
 Connectors: 1/8" stereo mini connector
 Impedance: 10K Ohms AC coupled unbalanced
 Max level: +6dBm

AUDIO OUTPUT

Number/type: 1 Balanced / Unbalanced Stereo
 Connector: 5 Position Captive screw terminal
 Impedance: 50 ohm
 Maximum Level: 600 ohms: +12dBm Balanced / +6dBm Unbalanced
 Hi - Z: +14dBm Balanced / +8dBm Unbalanced

SYNC

Input level: 2.0v to 5.0v p-p
 Output level: 5.0v p-p into a hi z load
 Input Impedance: 475 ohms
 Output impedance: 75 ohms
 Polarity: Positive or negative
 Horizontal frequency: 15 kHz - 200 kHz
 Vertical frequency: 30Hz - 150Hz

GENERAL

Power: 9v AC / DC, 50/60Hz: 8 - 14v DC, A single 9v AC Power Supply is included and powers both units. May be remotely located up to 150 feet away from the wallplate when using 22 Gage / 2 Conductor cable. 500 mA@9VAC max current draw (fully loaded)

VWP-SVA Specifications

VIDEO INPUT

Number/ type: 1 NTSC S-video, 1 NTSC composite.
 Connectors: 1 female 4 pin mini DIN, 1 female RCA
 Level (nominal): 1 Vpp for Y of S-video and for composite video .3 Vpp for C of S-video
 Impedance: 75 ohms
 Video Conversion Method: Analog discrete-time signal processing; (no quantization noise)

VIDEO OUTPUT

Number/type: 1 S-video decoded from composite input or buffered from S-video input
 Connectors: 4" pigtail of 2 female BNC's (Y/C)
 Level (nominal): 1 Vpp for Y signal, .3Vpp for C signal
 Impedance: 75 ohms
 VideoGain: Unity

AUDIO

Bandwidth: Hz to 20 kHz (+/-0.05 dB)
 THD + Noise: 0.01% 20Hz to 20 kHz at max rated output
 Noise Floor: \geq -90 dBm 20Hz to 20 kHz
 Stereo Separation: -90 dB @ 1 kHz jumper for mono/stereo
 Gain: +6dB

AUDIO INPUT

Number/type: 1 stereo unbalanced
 Connectors: 2 female RCA's (L/R)
 Impedance: 5K ohms AC coupled unbalanced
 Max level: +6dBm

AUDIO OUTPUT

Number/type: 1 Balanced/unbalanced stereo
 Connector: 5 Position captive screw terminal
 Impedance: 50 ohm
 Maximum Level: 500 ohms: +12dBm balanced/ +6dBm unbalanced
 Hi -Z: +14dBm balanced/ +8dBm unbalanced

SYNC

Standard: NTSC 3.58



MADE IN THE USA



Specifications are subject to change without notice.

FSR Inc.

244 Bergen Boulevard, Woodland Park, NJ 07424
 Phone: 973.785.4347 · Fax: 973.785.4207
 Web: www.fsrinc.com · E-mail: sales@fsrinc.com