

AVS-GA24/AP

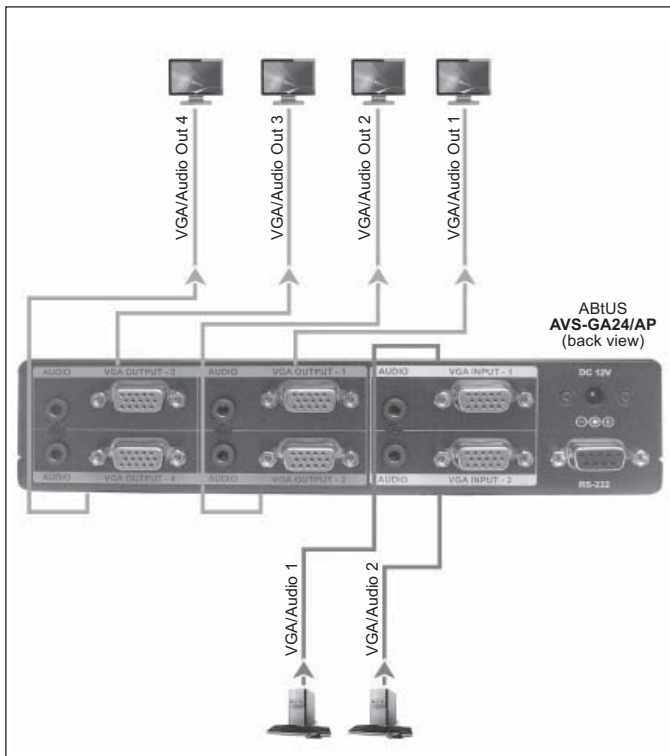
2:1X4 VGA/AUDIO SWITCHER DA WITH RS-232 CONTROL



DESCRIPTION

The ABTUS AVS-GA24/AP is designed to work as a splitter for VGA/Audio applications. Capable of splitting a VGA/Audio signal from either one of the two sources up to four devices with compatible inputs. A built in amplifier will boost the signal to the needed level, to prevent signal loss and picture degradation. A maximum bandwidth of 900MHz will support a sharp and highly defined video in multiple resolutions of up to 1600 x 1200.

The VGA/Audio Switcher Distribution Amplifier works with all Video equipment that has proper connections: such as laptop and desktop computers.



TYPICAL APPLICATIONS

The AVS-GA24/AP is part of the ABTUS series of high quality, high bandwidth and cost effective Distribution Amplifiers and Switchers designed specially for professional installers. ABTUS products can be found in industrial, commercial, educational, military and government applications like:

- Schools • Training rooms • Broadcast and duplication studios • Workstation environments
- Retailshowrooms • CCTV and surveillance • Multipurpose Hall

FEATURES

- Sends Video to multiple displays at the same time from either 1 of the 2 inputs
- Allows connection of 4 displays
- Supports resolutions up to 1920x1200
- Installs in seconds.

TECHNICAL SPECIFICATION

INPUT:	2 x VGA [*D-Sub 15 pin Female connector] 2 x Stereo Audio [*3.5mm mini jack]
OUTPUT:	4 x [*D-Sub 15 pin Female connector] 4 x Stereo Audio [*3.5mm mini jack]
CONTROL PORT:	1 x RS-232 [*D-Sub 9pin Female connector]
VIDEO BANDWIDTH:	900 MHz [R+G+B]
VIDEO SUPPORT:	Up to WUXGA (1920x1200@60Hz), Multi sync
AUDIO SUPPORT:	Stereo Audio
TRANSMITTER RANGE:	WUXGA@60 up to 50 meter (* distance varies depending on the grade of cable used)
INPUT TMDS SIGNAL:	1.3 Volts (peak to peak)
INPUT DCC SIGNAL:	5 Volts (peak to peak, TTL)
ESD PROTECTION:	[1] Human body model $\pm 15\text{Kv}$ [air-gap discharge] & $\pm 15\text{Kv}$ [contact discharge] [2] Core chipset $\pm 15\text{Kv}$
PCD STACK-UP:	6-layer board impedance control- differential 100ohm: single 50ohm
POWER SUPPLY:	12 V DC 500mA
OPERATION TEMPERATURE:	0°~40°C [32°~104°F]
STORAGE TEMPERATURE:	-20°~60°C [-4°~140°F]
RELATIVE HUMIDITY:	20%~90% RH [no condensation]
DIMENSION:	200 x 112.4 x 44 mm
WEIGHT:	800g

* Specifications are subject to change without notice.