

AV5-1/AV6-1 (1-in 2-out VGA)

UNIVERSAL PROJECTOR Control Switcher

Projector Controller
Switcher with
1-in 2-out
VGA DA of
550MHz



Board Room



Classroom Training Rooms

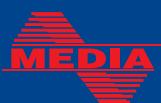
The ABtUS AV5 and AV6 series is a high performance Projector Controller designed for any small Multi Media Class Room or boardroom application. With its simple integration and user friendly function (easy to use) ABtUS AV5 and AV6 series can be easily integrated and acts as an extended projector control unit. ABtUS Controller switcher offers a universal projector control; it controls a projector's power on/off, input switching, and volume control via RS-232.

The ABtUS Controller switcher can be easily mounted no matter where it is: In a lectern, desk top, wall, or even a rack. Presenters with no training would be able to walk in into any of these multimedia classrooms or boardroom and with this identical/standard projector controller, user would be able to operate the media system regardless the type or brand of projector being used. Standardization also makes setup and maintenance easier to integrate and support.

The Switcher offer a 2.54mm or 3.8mm pitch output terminal, together with our optional interface cables (*2.54mm connector incorporated), integration and maintenance can never be any easier.

FEATURES

- **Universal Controller**
Provided a universal Projector/display control via user-defined RS-232 commands.
- **One-touch input selection**
Input selection buttons can be customized with clearly labeled and backlit (LED) for displays.
- **Electronic Volume control**
With its electronic volume control, it acts as a pre-amplifier selector for all audio sources control to any media speaker or power amplifier. *only for AV6 series
- **Control Protocol**
Allows 16 different set of RS-232 control protocol to be pre-installed with 9600, 19200 and 38400 of baud rate defined by a simple dip-switch setting.
- **Timer Delay**
User-defined timer delay for projector "warm up" and "cool down" time.
- **Distribution Amp**
VGA DA of 550 MHz for better distribution of signal between projector and monitor.
- **S-Video Amplifier: 150 MHz** *Only for AV6 series



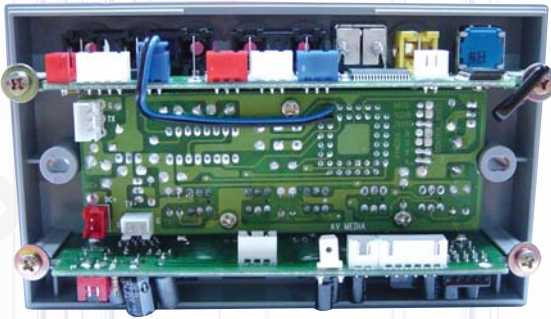
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UNIVERSAL PROJECTOR CONTROL SWITCHER

Typical Applications

The AV5/AV6 Series is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers and Switchers specially for professional installers. ABtUS products can be found in industrial, commercial, educational, military and government applications like:

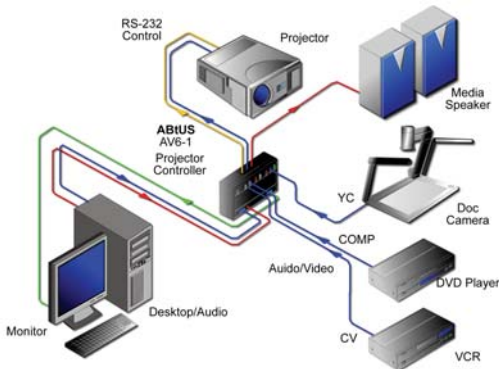
- ▶ Schools
- ▶ Training rooms
- ▶ Broadcast and duplication studios
- ▶ Workstation environment
- ▶ Retail showrooms
- ▶ CCTV and surveillance
- ▶ Multipurpose Hall



Projector Controller Switcher with 1-in 2-out VGA DA of 550MHz

Technical Specifications

		AV6-1	AV6-1/M	AV5-1	AV5-1/M	AV5-2	
INPUTS:	VGA (D-Sub 15 pin Female connector)	x1	x1	x1	x1	x2	
	CV Composite Video (RCA connector)	x1	x1	x1	x1	x1	
	S-Video	x1	x1	-	-	-	
	Component Video	x1	x1	-	-	-	
	Stereo Audio (RCA connector)	x1	x1	x1	x1	x1	
	Microphone	-	x1	-	-	x1	
	PC Audio (3.5 mm Mini Jack)	x1	x1	x1	x1	x2	
	OUTPUTS:	VGA (D-Sub 15 pin Female connector)	x1	x1	x1	x1	-
		VGA (2.54/3.8mm connector)	x1	x1	x1	x1	x1
		CV Composite Video (2.54/3.8 mm connector)	x1	x1	x1	x1	x1
S-Video (2.54 mm connector)		x1	x1	-	-	-	
Component Video (2.54 mm connector)		x1	x1	-	-	-	
Stereo Audio (2.54 or 3.8 mm connector)		x1	x1	x1	x1	x1	
RS-232 (2.54 or 3.8 mm connector)		x1	x1	x1	x1	x1	
VGA BANDWIDTH (-3dB):		1-in 2-out VGA Distribution Amplifier (550MHz)	●	●	●	●	-
		MAX RESOLUTION: 1280 x 1024	●	●	●	●	●
S-Video BANDWIDTH (-3dB):		150 MHz	●	●	-	-	-
ALL CABLE LENGTH:	Up to 20 meter	●	●	●	●	●	
POWER SOURCE:	12V-DC 350 mA	●	●	●	●	●	
CONTROL:	RS-232 Protocol (8 Data bit and 1 Stop bit)	●	●	●	●	●	
	Up to 16 Different set of Command Protocol	●	●	●	●	●	
SELECTABLE:	Baud Rate: 9600, 19200 or 38400	●	●	●	●	●	
	Parity bit: Non, Even or Odd	●	●	●	●	●	
DELAY TIMER:	Projector "ON/OFF" delay time ("In sec)	1 to 99	1 to 99	1 to 99	1 to 99	1 to 99	
CONTROL BUTTON:	Number of user defined "Control Button"	x5	x5	x5	x5	x5	
	Available protocol for each "Control Button"	x2	x2	x2	x2	x2	
LED BUZZER:	With LED backlight & Buzzer for confirmation	●	●	●	●	●	
VGA SELECTION:	VGA Input Switching	-	-	-	-	Digital	
AUDIO SELECTION:	Audio Input Switching	Digital	Digital	Analog	Analog	Analog	
VOLUME:	Main Volume Control	Digital	Digital	Analog	Analog	Analog	
AUDIO MUTE:	Main Audio Muting Control	Digital	Digital	-	-	-	



Configuration Diagram

Distributed by:

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