

AVS-120 (2-IN 2-OUT VGA DA)

# UNIVERSAL PROJECTOR Control Switcher

Projector Controller  
Switcher with  
2-In 2-Out VGA DA of  
**900MHz**  
(R+G+B)



The ABtUS AVS-120 is a high performance Projector Controller designed for any small Multi Media Class Room or boardroom application.

With its 10 buttons configuration, AVS-120 can easily be taken control by any end user as they are of a clear straight forward one key one function layout. Integrated with a mixer for dynamic microphone with two different input standard jack size. (i.e. 3.5mm mini and 6.35mm phone)

With its simple integration and user friendly function (easy to use) ABtUS AVS-120 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 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 also 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 with up to 10 straight forward buttons for customized configuration.
- **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.
- **Control Protocol**  
Allows 16 different set of RS-232 control protocol to be pre-installed with 1200 to 115200 of baud rate defined by a simple dip-switch setting.
- **Timer Delay**  
User-defined timer delay for projector "warm up" and "cool down" time.
- **Microphone Input**  
Build-in MicAmp with Volume control for dynamic Mic with 3.5mm and 6.35mm jacks.
- **Distribution Amplifier**  
VGA DA of 900 MHz (R+G+B) for the best distribution of signal between projector and monitor
- **2 x 2 VGA Distribution Amp**  
2in 2out VGA with electronic switching.



Board Room



Classroom Training Rooms

**ABtUS SINGAPORE PTE LTD**

Blk 2023, #02-100 Bukit Batok Industrial Park A St. 23, Singapore 659528

Tel: (65) 6665 5402 Fax: (65) 6569 6241 E-mail: [info@abtussingapore.com](mailto:info@abtussingapore.com)

**ABtUS**

[www.abtussingapore.com](http://www.abtussingapore.com)

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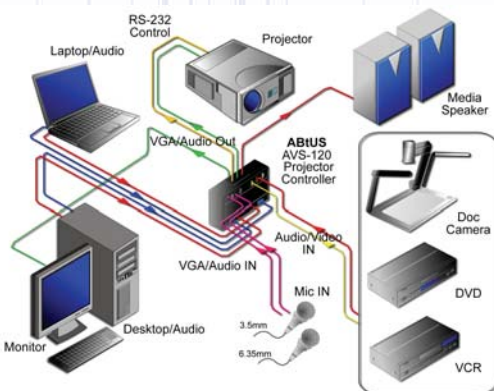
## UNIVERSAL PROJECTOR CONTROL SWITCHER

### Projector Controller Switcher with VGA DA of **900MHz** (R+G+B)

#### Typical Applications

The **AVS-120** 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 / Class Room
- Training rooms
- Workstation environment
- Multipurpose Hall



Configuration Diagram



### Technical Specifications

<b>INPUTS:</b>	VGA (D-Sub 15 pin Female connector)	x 2
	CV Composite Video (RCA connector)	x 1
	Stereo Audio (RCA connector)	x 1
	Microphone (6.35mm Phone Jack)	x 1
	Microphone (3.5mm Mini Jack)	x 1
	PC Audio (3.5 mm Mini jack)	x 2
<b>OUTPUTS:</b>	VGA (2.54 mm connector)	x 2
	CV Composite Video (2.54 mm connector)	x 1
	Stereo Audio (2.54 mm connector)	x 1
	RS-232 (2.54 mm connector)	x 1
<b>VGA BANDWIDTH (-3dB):</b>	2-in 2-out VGA Distribution Amplifier Switcher (900MHz *R+G+B)	
<b>MAX RESOLUTION:</b>	1280 x 1024	
<b>MICROPHONE AMPLIFIER:</b>	Build-In Mic Amp with Volume level control (* for Dynamic Microphone)	
<b>ALL CABLE LENGTH:</b>	Up to 28 meter	
<b>POWER SOURCE:</b>	12V-DC 350 mA	
<b>CONTROL:</b>	RS-232 Protocol	
<b>SELECTABLE:</b>	Up to 16 Different set of Command Protocol Baud Rate: 1200 to 15200 Parity bit: Non, Even or Odd Stop Bit: 1 or 2	
<b>DELAY TIMER:</b>	Projector "ON/OFF" delay time (*in sec)	1 to 99
<b>CONTROL BUTTON:</b>	Number of user defined "Control Button"	x 10
	Available protocol for each "Control Button"	x 1
<b>LED/BUZZER:</b>	With LED backlight & Buzzer for confirmation	
<b>VGA SELECTION:</b>	VGA Input Switching (2x2 VGA switcher)	Digital
<b>AUDIO SELECTION:</b>	Audio Input Switching (*Auto Input links)	Digital
<b>VOLUME:</b>	Main Volume Control (*with Preset level when power ON)	Digital
<b>AUDIO MUTE:</b>	Main Audio Muting Control	Digital
<b>CASING:</b>	ABS	
<b>DIMENSIONS:</b>	147mm (W), 86mm (D), 41mm (H)	
<b>WEIGHT:</b>	250g approx.	
<b>OPTIONAL ACCESSORIES:</b>	* AC-DC Power Adaptor 12V-DC 350mA	
	* VGA Cable D-Sub 15pin to 2.54mm connector	15 meter
	* CV Video Cable RCA to 2.54mm connector	15 meter
	* Stereo Audio Cable 2RCA to 2.54mm connector	15 meter
	* RS-232 TX Cable D-Sub 9pin to 2.54mm connector	15 meter

\* Specifications are subject to change without notice.

Distributed by:

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Bldg 2023 #02-100 Bukit Batok Industrial Park A Street 23, Singapore 659528  
Tel: (65) 6-665 5402 Fax: (65) 6-569 6241  
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