Multimedia
Controller Switcher
Programmable Integrated Projector Controller Switcher

SPECIFICATIONS

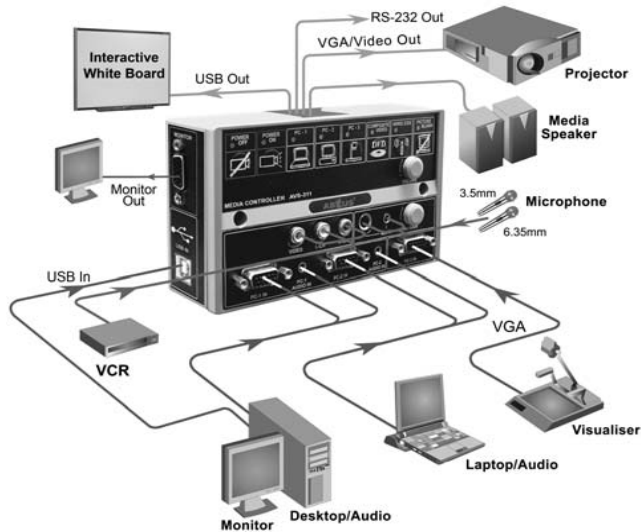|	
INPUT:	3 x PC input (*D-Sub 15pin) 2 x PC-Audio (*3.5mm) 1 x C-Video (*RCA) 1 x Stereo Audio (*RCA) 1 x USB (Type B by the Side) 1 x Microphone (*3.5mm) 1 x Microphone (*6.3mm)
OUTPUT:	1 x VGA to Projector (*Standard 2.54mm Connector) 1 x VGA to Monitor (*D-Sub 15pin by the Side) 1 x C-Video (*Standard 2.54mm connector) 1 x Main Stereo Audio (*Standard 2.54mm Connector) 1 x USB (*Standard 2.54mm Connector) 1 x Tx (*Standard 2.54mm Connector)
VGA BANDWIDTH:	3-in 2-out VGA Distribution Amplifier (900MHz R+G+B)
MAX RESOLUTION:	1280 x 1024
ALL CABLE LENGTH:	Up to 28 meter
CONFIGURABLE COM PORT:	1 x RS-232 (8 Data Bit and 1 Stop Bit)
BAUD RATE:	1200 to 115200
PARITY BIT:	Non, Even or Odd
DELAY TIME:	Projector "ON/OFF" delay time (*in sec) 1 to 99
CONTROL BUTTON:	Number of user defined "Control Button" x 8 Available protocol for each "Control Button" x 1
LED:	With LED & Buzzer for confirmation
VIDEO SELECTION:	All Video/VGA Input Switching — Digital
AUDIO SELECTION:	Audio Input Switching — Digital
VOLUME:	Main Volume Control — Analog
MIC GAIN:	Microphone Input Gain Control — Analog
POWER ADAPTOR:	12V-DC, 500mA
HOUSING:	ABS
DIMENSIONS | WEIGHT:	(149 x 88 x 48)mm | Weight:350g
ACCESSORIES:	AC-DC Power Adaptor 12V-DC, 500mA

** For detail and updated RS-232 Command protocol for programming, please visit and download from **www.abtussingapore.com**

* Specifications are subject to changes without notice.

Typical Applications
Any professional presentation system requiring multiple AV Inputs of all different type of Video standard and a standard projector controller.

• Schools (Media Classroom)
• Churches
• Corporate Applications (Meeting Room)

Model: **AVS-311**

ABtUS
SINGAPORE

ABtUS®

PRODUCT DESCRIPTION

The **ABtUS AVS-311** Media Control Panel is one of the most user friendly and installer friendly Pre-Programmable Controller specifically designed for a easy and central control of any AV projection system. It removes the need for over-complicated and multiple remote control handsets.

PRODUCT HIGHLIGHTS

- **Programmable projector protocol**
- **Simple to used with one to one function controlled button with LED indication**
- **Works well with any monitors, projectors and Interactive White Board**
- **Supports 3 VGA input with resolutions from VGA to SXGA**
- **Easy Installation with standard 2.45mm connector and cabling**
- **Fully self contained / integrated Projector Controller with AV switcher and USB in**
- **With 1 USB Input Connections (1 x USB Type B)**

TURNING ON AND BASIC OPERATION CONTROL

3. PC-1 Button
Used to select Projector Input to "PC" Input and its inter VGA switcher and audio switcher to PC-1 (Laptop) accordingly. The LED will blink once and stay ON

4. PC-2 Button
Used to select Projector to "PC" Input and its inter VGA switcher and audio switcher to PC-2 (Desktop) accordingly. The LED will blink once and stay ON

5. PC-3 Button
Used to select Projector Input to "PC" Input and its inter VGA switcher PC-3 (Document Camera) accordingly. The LED will blink once and stay ON

6. AV Input
Used to select Projector Input to "AV" Input and its inter Audio switcher to Video-Audio accordingly. The LED will blink once and stay ON

2. POWER ON Button
Used to TURN ON projector power, LED will blink and stay ON after The "Warm Up Time". Stated that the projector is now READY! Switcher will auto set input to its default selection i.e. "PC-2"

7. Wireless Button
Used to select Projector to "Wireless/Network" Input and its inter audio switcher to Network accordingly. The LED will blink once and stay ON

1. POWER OFF Button
Used to TURN OFF projector power, LED will blink and stay ON after The "Cool Down Time". Stated that the Projector is now READY!

8. Pic Mute Button
Used to select Projector to "Pic blank" ON/OFF and its inter audio switcher to mute accordingly. The LED will blink once and stay ON

15. Audio Video Input
Audio Video Input port for DVD or VRC connection

9. Main Volume Control
Tuning Up and Down of the main Volume level

10. Mic Gain Control
Tuning Up and Down of the Mic Gain level

14. PC-1 Input
VGA Input port with PC-Audio for Laptop connection

13. PC-2 Input
VGA Input port with PC-Audio for Desktop connection

12. Mic Input
For both 6.3mm and 3.5mm Microphone Input connection

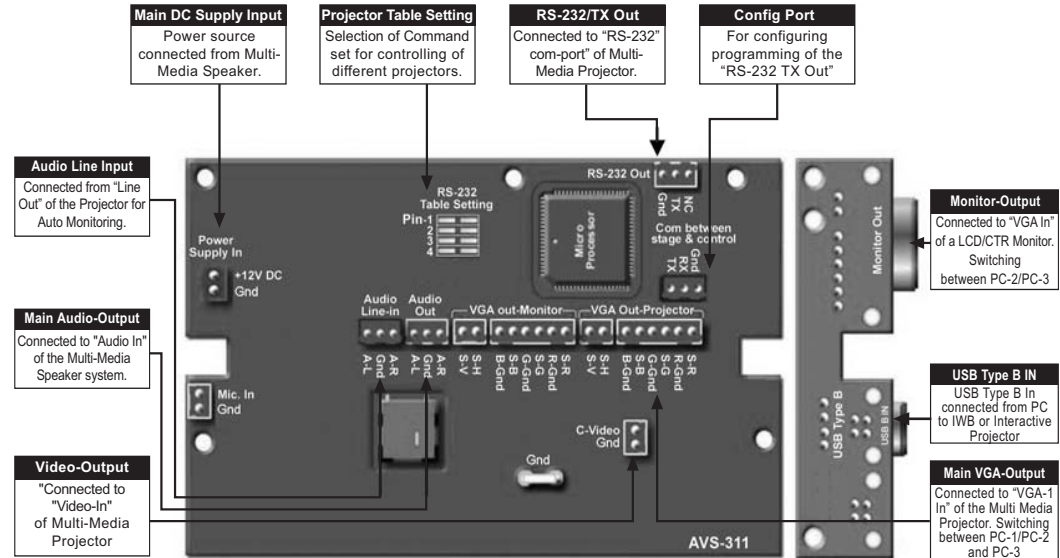**11. PC-3 Input**
VGA Input port for Document camera connection

16. Monitor Out
Connected to local LCD Monitor. Monitoring input PC2 & PC3 only

17. USB IN
1 x USB Type B for Interactive Board

INTERNAL PCB LAYOUT AND INTER CONNECTION

Main DC Supply Input
Power source connected from Multi-Media Speaker.

Projector Table Setting
Selection of Command set for controlling of different projectors.

RS-232/TX Out
Connected to "RS-232" com-port" of Multi-Media Projector.

Config Port
For configuring programming of the "RS-232 TX Out"

Audio Line Input
Connected from "Line Out" of the Projector for Auto Monitoring.

Monitor-Output
Connected to "VGA In" of a LCD/CTR Monitor. Switching between PC-2/PC-3

Main Audio-Output
Connected to "Audio In" of the Multi-Media Speaker system.

USB Type B IN
USB Type B In connected from PC to IWB or Interactive Projector

Video-Output
"Connected to "Video-In" of Multi-Media Projector

Main VGA-Output
Connected to "VGA-1 In" of the Multi Media Projector. Switching between PC-1/PC-2 and PC-3

PROGRAMMING SOFTWARE

Save File
Saving of a "project" Program done

Read Devide
Reading the "project" program loaded in the device

Com Setup
Setup for Com port Between device and PC default: 9600, 8, N, 1

Help
About Media Programmer AVS-311

Load File
Loading a exceeding "project" program

White Device
Loading for a "project" program done to the device

Program Button
Selection of button to be programmed

Command Code
Projector Hex code Entry window

Projector Com Port
Setting up the Projector Com port parameter

Delay Time
Projector Power ON, OFF and Switching Respond time

Projector Model
Window for input of Projector model number as reference

** For detail and updated Command and program software, please visit and download from **www.abtussingapore.com**

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