

SPECIFICATIONS

INPUTS:	4 x VGA (15Pin D-Sub Female) 4 x 3.5mm Stereo Jack Female (PC Audio) 4 x 2 RCA Stereo Audio 4 x 1 BNC Composite Video
OUTPUTS:	2 x VGA (15Pin D-Sub Female) 2 x Stereo Main Audio 2RCA and 3.5mm Connector (Left channel and Right Channel) 2 x BNC Connector Composite video 2 x 6.3mm microphone input 1 x RS-232 com port (9pin D-Sub Female)
COM PORT CONTROL:	Direct front panel buttons control and/or RS-232
POWER SOURCE:	AC 110~240V
VGA BANDWIDTH:	300 MHz per channel. Max Resolution (1600 x 1200)
AUDIO GAIN CONTROL	Adjustable main audio out and microphone input gain
VIDEO OUTPUT:	1 to 30 meter video cable
AUDIO/VIDEO	Independence switching
DIMENSIONS:	19 inch 1U rack mount
WEIGHT:	3.5 Kg

** Specifications are subject to changes without notice.*

Multi Media Switcher



Model: **AVS-1200S/V2**

User Operation Guide

PRODUCT DESCRIPTION

DESCRIPTION

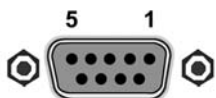
The ABtUS AVS-1200S/V2 is a high performance Multi Media Switcher designed for any small Multi Media Class Room or boardroom application.

RS-232 PROTOCOL AND CONTROL CODES

1. Communication Protocol

- Baud rate : 9600bps.
- Date length : 8 bits.
- Paruty : No parity.
- Stop bit : One bit.
- X on/off : None.

2. RS-232 Connection



RS-232 connector

Pin		Function
1	-	Not used
2	TX	Transmit data
3	RX	Receive data
4	-	Not used
5	Grid	Signad ground
6	-	Not used
7	-	Not used
8	-	Not used
9	-	Not used

Item	Function	Transmission	Receiver	Item	Function	Transmission	Receiver
1	Power ON	SETS10P31	RETS10P31	11	Panel Unlock	SETS10L30	RETS10L30
2	Power OFF	SETS10P30	RETS10P30	12	Get Power state	SETS01P0	RETS11P3x x is Power state. 0: Power off 1: Power on
3	Select Video Source	SETS70S30xxx001 xxx is select source. xxx = 001,002,.....,008.	SETS70S30xxx001 xxx is select source. xxx = 001,002,.....,008.	13	Get Video Source state	SETS01S0	RETS61S1xxx001 xxx is select source. xxx = 001,002,.....,008.
4	Select PC Source	SETS70C30xxx001 xxx is select source. xxx is select source.	RETS70C30xxx001 xxx = 001,002,.....,008. xxx = 001,002,.....,008.	14	Get PC Source state	SETS01C0	RETS61C1xxx001 xxx is select source. xxx = 001,002,.....,008.
5	Select Audio Source	SETS70A30xxx001 xxx is select source. xxx = 001,002,.....,008.	RETS0A30xxx001 xxx is select source. xxx = 001,002,.....,008.	15	Get Audio Source state	SETS01A0	RETS61A1xxx001 xxx is select source. xxx = 001,002,.....,008.
6	Adjust Volume Level	SETS70V30001xxx xxx is volume level. xxx = 000 ~ 032.	RETS70V30001xxx xxx is volume level. xxx = 000 ~ 032.	16	Get Volume Level	SETS41V30001	RETS31V3xxx xxx is volume level. xxx = 000 ~ 032.
7	Volume Level Up/Down	SETS50V21001x x is setting volume 0 : Volume level up. 1 : Volume level down.	RETS70V30001xxx xxx is volume level. xxx = 000 ~ 032.	17	Get MIC Level	SETS41M30001	RETS31M3xxx xxx is MIC level. xxx = 000 ~ 032.
8	Adjust MIC Level	SETS70M30001xxx xxx is MIC level. xxx = 000 ~ 032.	RETS70M30001xxx xxx is MIC level. xxx = 000 ~ 032.	18	Get Audio Mute state.	SETS01A0	RETS11A2x x is Audio mute state. 0: Un-mute 1: Mute.
9	MIC Level Up/Down	SETS50M21001x x is setting MIC 0 : Volume MIC up. 1 : Volume MIC down.	RETS70M30001xxx xxx is MIC level. xxx = 000 ~ 032.	19	Get Panel Lock state	SETS01L0	RETS11L2x x is Panel Lock state. 0: Lock 1: Un-Lock.
10	Panel Lock	SETS10L31	RETS10L31	20	RS232 control code no support.		RETS0!

PANEL OVERVIEW



SYSTEM DIAGRAM

