

SPECIFICATIONS

Technical	MAX-HDMI42/AP4
Input	4 x HDMI (*Type A 19 pin female)
Output	2 x HDMI (*Type A 19 pin female)
Control port	RS-232
HDMI Compliance	1080p 60Hz version 1.4A
HDCP Compliance	YES
Video Bandwidth	Single-link 225 MHz (9Gbps)
Video Support	2560x1600 to 4096x2160, Full HD 3D & 1080p@60Hz 36-bit
Audio Support	Surround Sound (up to 7.1ch) or Stereo digital Audio
Audio Return Channel	No
Ethernet Channel	No
Transmitter Range	Full HD (1080p) up to 15m (*AWG 24 HDMI cable)
Input TMDS Signal	1.3 Volts (peak to peak)
Input DCC Signal	5 Volts (peak to peak, TTL)
ESD Protection	[1] Human body model $\pm 15kV$ [air-gap discharge] & $\pm 15kV$ [[contact discharge] [2] Core chipset $\pm 15kV$
PCB Stack-up	6-layer board impedance Control – differential 100ohm: single 50ohm
Power Supply	5V DC 1.2A
Operation temperature	0~40°C [32~104°F]
Storage temperature	-20~60°C [-4~140°F]
Relative humidity	20~90% RH [no condensation]
MECHANICAL	
Housing	Metal Enclosure
Gross Product Dimension	310 x 240 x 58 mm
Gross Weight	1000g
PACKAGE INCLUDE	
	1 x Main unit
	1 x 5V AC-DC Power adaptor
	1 x User Manual

* Specifications are subject to changes without notice.

HDMI Matrix Switcher

4-in 2-out HDMI Matrix (*Version 1.4)



Model: **MAX-HDMI42/AP4**



PRODUCT DESCRIPTION

The **MAX-HDMI42/AP4** HDMI Matrix Switcher provides the most cost effective and simple HDMI switching solution in the market, Full HD Video and Audio can now be switched onto 2 different display with lossless quality. The switcher also support all Full HD 3D formats of HMDI 1.4A as well as resolution from 2560x1600 to 4096x2160 @ 60 Hz.

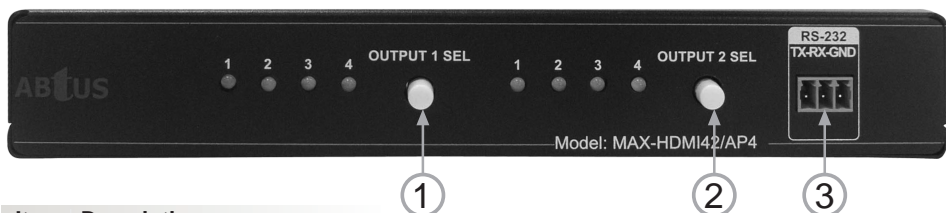
With the upmost 30/36 bit deep color video and high definition audio support, this switcher is suitable for high quality HDMI 1.4 broadcasting, digital signage and showroom applications.

**Note: However there is no support in ARC and Ethernet.*

PRODUCT HIGHLIGHTS

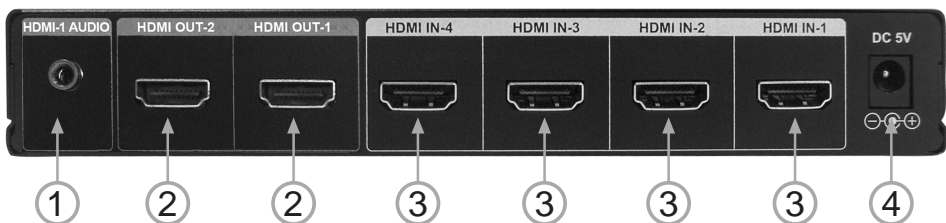
- Full HD 1080p
- HDMI Version 1.4A, support Full 1080p 3D
- Support Single Link Resolution from 2560 x 1600 to 4096 x 2160 @ 60Hz
- Support CEC passthrough. (Based on Output 1)

FRONT PANEL OVERVIEW



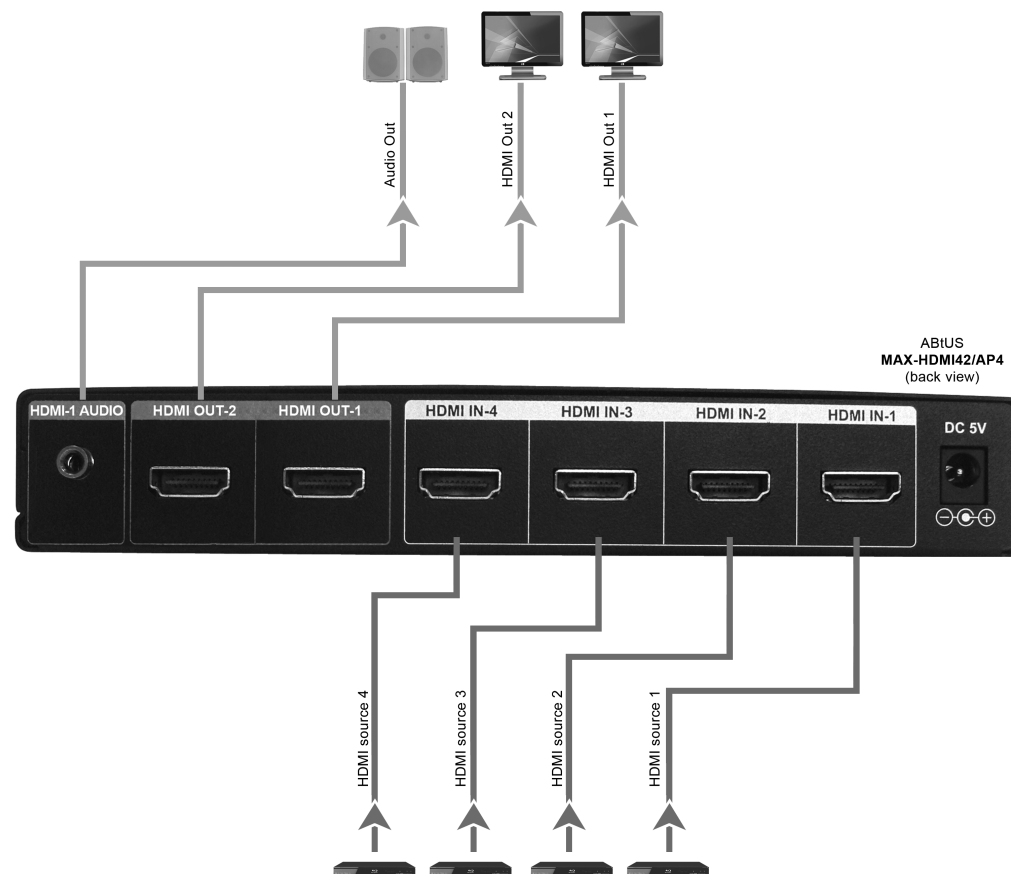
Item	Description
1.	Output 1 Selection
2.	Output 2 Selection
3.	RS-232

BACK PANEL OVERVIEW



Item	Description
1.	Audio Out (HDMI Output 1)
2.	HDMI Outputs
3.	HDMI Inputs
4.	Power Input

SYSTEM DIAGRAM



Note:
MAX-HDMI42/AP4 Support CEC passthrough.
 To turn off CEC control, please disable CEC at the Input Source.

Typical Application

Any Projection or display system that required broadcasting of multiple computers' audio and video outputs to multiple displays.

- School (Lab, Hall ect.) • Churches • Cooperate (Function Room) • Rental • Exhibition • Shown room

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