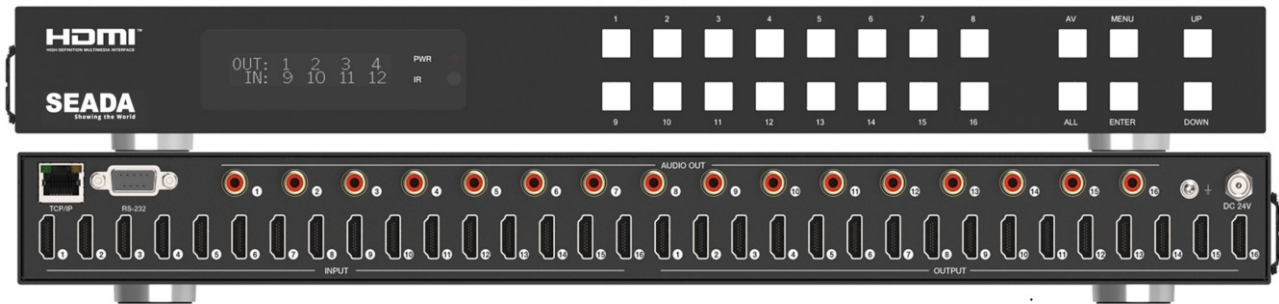


MS-HDM1616

16x16 18G HDMI Matrix with ARC



HDR10+

EDID

ARC

CEC

WEB
GUI

Scaler

Overview

The MS-HDM1616 Matrix Switcher offers 4K HDCP 2.2 signals at both input and output ports. supports the transmission of and multi-channel high resolution digital audio from 16 HDMI sources to 16 HDMI displays.

The MS-HDM1616 Matrix Switcher supports de-embedded audio at 16 HDMI output ports. With HDMI output ARC function is enabled, the ARC audio from HDMI display devices will be extracted to coaxial audio output.

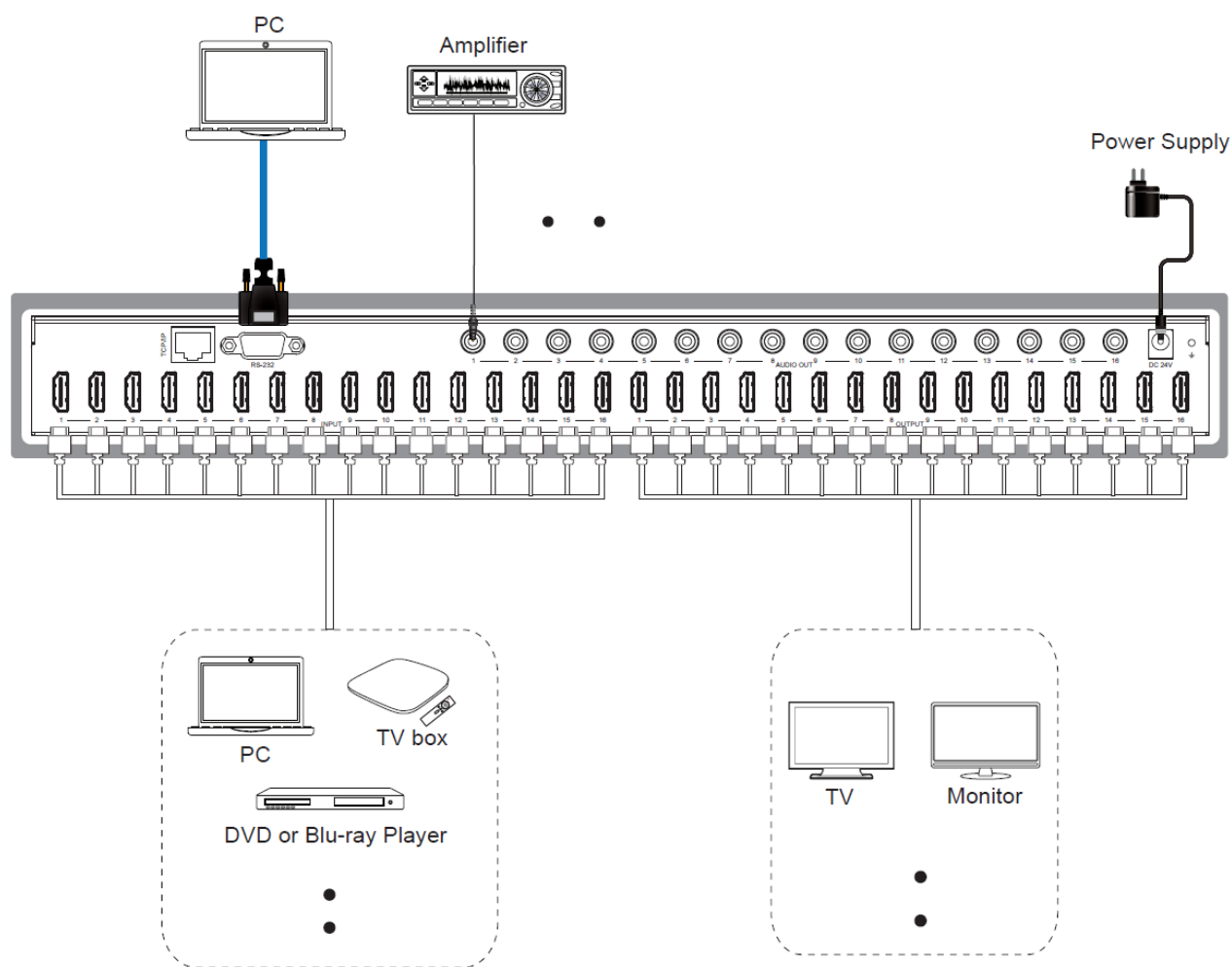
The MS-HDM1616 Matrix Switcher supports downscaler on each HDMI output which enables 4K2K to 1080P downscaler independently.

With its various controlling methods via front panel buttons, IR remote, RS-232, LAN and Web GUI, controlling MS-HDM1616 could not be easier.

Key Features

- Supports HDMI2.0b
- Supports HDCP2.2/1.4
- Supports 16 HDMI inputs and 16 HDMI outputs
- Supports video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI ports
- Supports 18Gbps video bandwidth
- Supports Dolby Vision, HDR10+ and HLG
- Supports 4K->1080P downscaling on each output port
- Supports HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio)
- Supports audio de-embedded
- Supports ARC, CEC and smart EDID management are supported
- Control is via on-panel Button, IR, RS-232, LAN and Web GUI
- 1U rack mounted design with front panel OLED display

Video Resolution	Up to 4K2K@50/60Hz (4:4:4)
Colour Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8-bit, 10-bit, 12-bit
HDR Formats	HDR10, HDR10+, Dolby Vision, HLG
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Audio Formats (Coaxial Out)	LPCM 2.0, Dolby Digital / Plus, DTS 5.1
Dimensions	440mm (W)×200mm (D)×44mm (H)
Input Voltage	DC 24V/3.75A
Power Consumption	76.8W (Max)
Warranty	2 years
Operating temperature range	-10~45 degrees centigrade
Operating humidity range	20%-90% (no condensation)
Storage temperature range	-20~60 degrees centigrade
Storage humidity range	20%~90%
Control Interface	RS232 or 10/100/1000M Ethernet Port or IR



System Diagram