

TECHNICAL SPECIFICATION

MH22-220

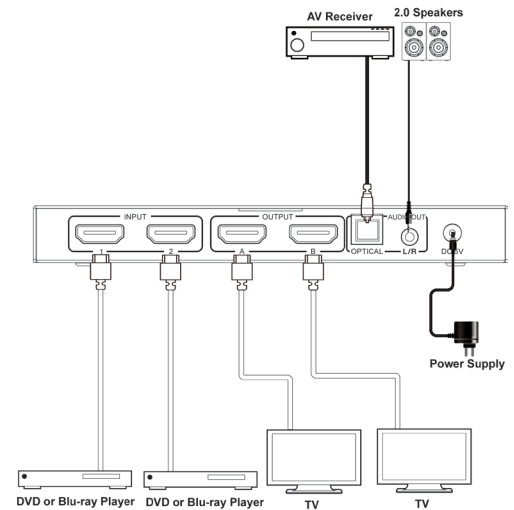
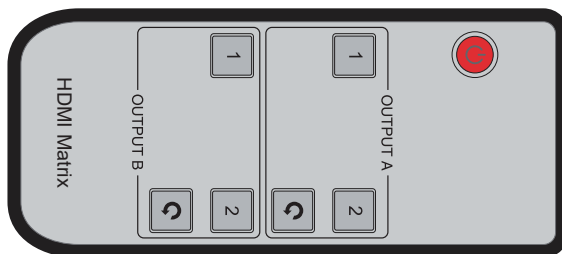
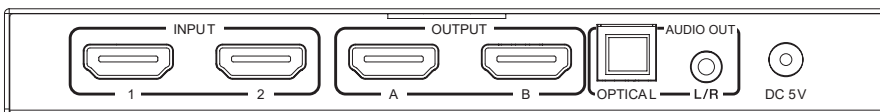
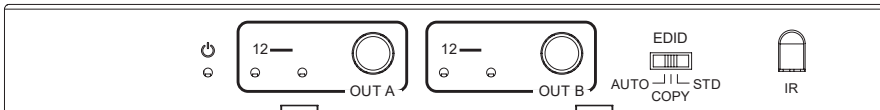


Description: 18Gbps 2x2 HDMI switcher with audio extractor

Why Use This Product: This 18Gbps 2x2 switcher supports the transmission of 4k video from two HDMI sources to two HDMI displays.

Key Features

- 4K2K@50/60Hz (4:4:4) 18Gbps
- HDCP2.2 / HDCP1.x, DVI 1.0 compliant
- Digital and analog audio extract output from output A
- EDID can be selected with AUTO, COPY and STD mode via the selector on the front panel.
- Analog audio PCM 2.0
- Optical audio pass-through
- HDR function
- Flexible control via panel buttons and IR remote



HDMI 2x2 18Gbps Audio Switcher with Audio Extractor

Part Number:	MH22-220
Revision Number:	2
Date:	5-4-2023
Page Number:	1 of 2

1723 W. 4th Street Tempe Arizona 85281
 P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com | www.covid.com

TECHNICAL SPECIFICATION

MH22-220



Technical Specifications

Technical

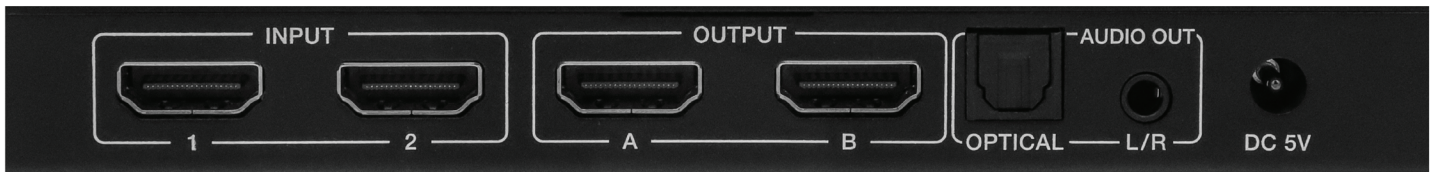
HDMI Compliance.....HDMI 2.0
 HDCP Compliance.....HDCP 2.2 and HDCP 1.x
 Video Bandwidth.....18Gbps
 Video Resolution.....4K@60Hz
 High Dynamic Range.....HDR,HDR 10+,HLD,DOLBY VISION
 Color Space.....RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
 Color Depth.....8-bit, 10-bit, 12-bit
 HDMI Audio Formats.....PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby-TrueHD, DTS-HD
 Optical Audio Formats.....LPCM[2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS, 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
 L/R Audio Formats.....PCM 2.0
 ESD Protection.....Human-body Model:±8kV (Air-gap discharge) , ±4kV (Contact discharge)

Connections

Input Ports.....2 HDMI Type A, 1 IR Receiver Window
 Output Ports.....2 HDMI Type A, 1 L/R 3.5mm Jack, 1 Optical OUT

Mechanical

Housing.....Metal Enclosure
 Color.....Black
 Dimensions.....144mm(W)×59.5mm(D)×18mm(H)
 Weight.....208g
 Power Supply Input.....AC100~240V 50/60Hz
 Power Supply Output.....DC 5V/1A
 Power Consumption.....2.7W
 Operation Temperature.....0°C ~ 40°C / 32°F ~ 104°F
 Storage Temperature.....-20°C ~ 60°C / -4°F ~ 140°F
 Relative Humidity.....20~90% RH (non-condensing)



HDMI 2x2 18Gbps Audio Switcher with Audio Extractor

Part Number:	MH22-220
Revision Number:	2
Date:	5-4-2023
Page Number:	2 of 2

1723 W. 4th Street Tempe Arizona 85281
 P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com | www.covid.com