

18Gbps 2 x 2 HDMI Matrix Switch with Audio Extraction

 4K/60Hz 4:4:4, HDR

 HDMI 2.0, HDCP 2.2

 Audio Extraction



Key Features

- 2 x HDMI inputs to 2 HDMI outputs
- Supports 18Gbps
- 4K/60Hz, YCbCr 4:4:4
- Extracts analogue and digital audio
- Advanced EDID
- Supports analogue audio PCM 2.0
- Optical audio pass through
- Supports HDR, HDR10+, HLD, Dolby Vision
- Front panel and IR control

Description

The SC04.MX22 matrix switches 2 x HDMI inputs to 2 x HDMI outputs in a true matrix environment, any input to any output simultaneously and supports 18Gbps video bandwidth with resolutions up to 4K/60Hz 4:4:4, HDR10+ and Dolby Vision™.

Analogue and digital audio is extracted from the HDMI output for connecting to a local audio amplifier. The matrix supports LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD™, Dolby DD+™, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1 and DTS HD-HDR 5.1.

It's advanced EDID features provide auto detection, copy and built in standard settings ensuring compatibility with all source and sink devices.

The matrix is controlled with switches located on the front panel and an IR remote control.

Specifications

Connectivity

HDMI Input: 2 x HDMI Type A, 19-Pin Female

HDMI Output: 2 x HDMI Type A, 19-Pin Female

Analogue Audio: 1 x 3.5mm Jack Socket

Digital Audio: 1 x Optical Jack

Power: 1 x 2.1mm DC Jack

Signal

Signal Input: HDMI

Standards: HDMI 2.0, HDCP 2.2

Bandwidth: 18Gbps

Video Resolutions: 4K/60Hz, 4:4:4

Colour Space: RGB/YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0, HDR, HDR 10+, DLD, Dolby Vision

Colour Depth: 8/10/12-bit

Audio: LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD™, Dolby DD+™, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1

Infra-Red: Wide Bandwidth, Frequency 30KHz to 56KHz (940nm)

Power

Type: AC to DC Mains Adaptor

Input: 100~240V AC 50/60Hz

Output: Transmitter 5V/1A

Consumption: 2.7 Watts

Environment

Operating Temperature: -0° to 40°C

Storage Temperature: -20° to 60°C

Operating Humidity: 20 to 90% RH (no condensation)

Dimensions: (W) 144 x (D) 60 x (H) 18

Weight: 208g

Colour: Black

ESD: Human Body - +/-8kV, (air gap discharge) & +/-4kV (contact discharge)

Safety and Emissions: CE, FCC, RoHS