

# 18Gbps 4 x 2 HDMI Matrix Switch with Audio Extraction/Scale/ARC



## Key Features

- 4 x HDMI inputs to 2 HDMI outputs
- Supports 18Gbps
- 4K/60Hz, YCbCr 4:4:4
- HDMI 2.0, HDCP 2.2
- Extracts analogue and digital audio
- Advanced EDID
- Supports ARC
- Supports analogue audio PCM 2.0
- Optical audio pass through
- Supports HDR, HDR10+, HLD, Dolby Vision
- DVI 1.0 compliant
- Output downscale 4K to 1080p
- Front panel and IR control

## Description

The SC04.MX42 matrix switches 4 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™. It also support ARC (audio return channel) and advanced EDID.

The integral scaler lets you downscale the outputs from the 4K input to 1080p.

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