

TSV-MX13

4x2 HDMI2.0 matrix switch, bandwidth 18Gbps,
4K @ 60Hz YUV4: 4: 4, HDCP2.2



SYSTEM REQUIREMENTS

Input HDMI source equipment such as DVD/Blu-ray player and HDMI equipped output display (TV or monitor).

APPLICATIONS

Household entertainment sharing and control
Lecture room display and control
Showroom display and control
Meeting room presentation and control
Classroom display and control

Features

With this 4x2 HDMI2.0 matrix you can switch four HDMI 4K sources completely independently without any loss of quality and with maximum color depth on two HDMI 4K monitors.

Each source can be assigned to each monitor independently of the other assignments.

Also a source to both monitors etc ..

The control (assignments) can be done via the buttons on the TSV-MX13 or its supplied IR remote control.

Audio is output via HDMI and also extracted from HDMI at the second monitor output.

- 4x2 HDMI matrix, 4x HDMI inputs, 2 x HDMI outputs
- 4x HDMI2.0 input
- 2x HDMI2.0 output
- Each of the 4 sources can be shown on each of the 2 displays
- HDMI 2.0 version (4K @ 60HZ YUV4: 4: 4)
- Data bandwidth up to 18 Gbps
- HDR 10 and Dolby Vision support
- Supports HDCP 2.2 / HDCP 1.4
- Audio output via HDMI: up to DTS-HD, Dolby-HD under EDID copy mode
- Additional audio extraction (analog 3, 5 mm stereo) at the second monitor output (HDMI Out2)
- Switching via panel buttons or IR remote control
- Supports EDID copy and four direct EDID modes
- With micro USB port for firmware upgrades
- Small desktop housing (250 x 103, 8 x 22 mm)
- Over voltage protection (OVP) included

APPLICATION DIAGRAM



Specification

Bandwidth	18 Gbps
Resolutions	480p, 576P @ 50Hz, 720P @ 60Hz, 1080P @ 24Hz, 1080P @ 50Hz, 1080P @ 60Hz, 4K @ 24Hz, 4K @ 30Hz, 4K @ 60Hz YUV4: 2: 0, 4K @ 60hz YUV4: 4: 4
Video input connectors	4x HDMI Type A, 19-pin, socket
Video output connectors	2x HDMI Type A, 19-pin, socket
Video output	HDMI2.0 + HDCP1.4 / 2.2
Audio output	PCM, analog audio 2.0 (L / R = stereo) via 3.5mm socket Supported via HDMI: DTS-HD, Dolby-HD under EDID copy mode
Firmware upgrade via	Micro USB
Input video signal	0.5 - 1.0 volts pp
Input DDC signal	5 volts pp (TTL)
Dimensions (WxDxH)	205 x 103.8 x 22 mm
Net weight	0.61 kg
humidity	5 to 90% RH (no condensation)
Temperature range (operation)	0 ° C to 40 ° C
Temperature range (storage)	-20 ° C to 60 ° C
Power consumption	2 watts (max.)

IR Fernbedienung

① Kurzes drücken, um HDMI Input1/2/3/4 an HDMI out1 auszuwählen

② Kurzes drücken, um HDMI input1/2/3/4 an HDMI out2 auszuwählen

