

USER MANUAL

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

The 18Gbps 16x16 HDMI Matrix supports the transmission of video (resolution up to 4K2K@60Hz YUV 4:4:4) and multi-channel high resolution digital audio from 16 HDMI sources to 16 HDMI displays. Audio de-embedded to coaxial audio is supported from 16 HDMI output ports. While HDMI output ARC function is enabled, the ARC audio from HDMI display devices will be extracted to coaxial audio output. Each HDMI output of this 16x16 HDMI Matrix supports 4K2K to 1080P downscaler independently. Control via front panel buttons, IR remote, RS-232, LAN and Web GUI.

2. Features

- ☆ HDMI 2.0b, HDCP 2.2/1.x and DVI 1.0 compliant
- ☆ Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI ports
- ☆ Support 18Gbps video bandwidth
- ☆ HDR, HDR10, HDR10+, Dolby Vision and HLG are supported.
- ☆ Support 4K->1080P Down Scaler for each output port
- ☆ HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio)
- ☆ Audio de-embedded is supported via coax ports
- ☆ ARC, CEC and smart EDID management are supported
- ☆ 1U rack mounted design with front panel OLED display
- ☆ Control via front panel buttons, IR remote, RS-232, LAN and Web GUI

3. Package Contents

- ① 1 x 18Gbps 16x16 HDMI Matrix
- ② 1 x 24V/3.75A Power Adapter
- ③ 1 x IR Remote
- ④ 1 x RS-232 serial cable (1.5 meters, male to female head)
- ⑤ 2 x Mounting Ear
- ⑥ 1 x User Manual