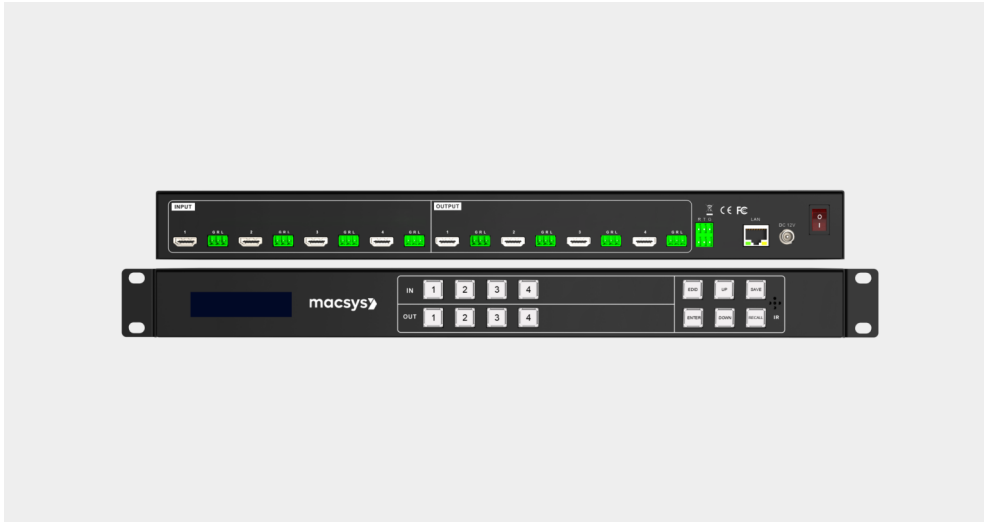


HMX-MS4-PRO | 4K60 4x4 Seamless HDMI Matrix Switcher & Splicer with Audio, 4:4:4, EDID, IR, RS-232, and TCP/IP Control, Video Wall Support



Key features

- 4 HDMI inputs and 4 HDMI outputs in a seamless matrix configuration
- Splicing function (video wall) built in
- True 4K @ 60Hz support with 4:4:4 chroma fidelity
- Intelligent EDID control: each output can have its own EDID setting
- Multiple control interfaces: front panel, IR remote, RS-232, TCP/IP (LAN)
- Seamless switching (no black frames) between inputs
- Memory / preset function and power-failure protection
- Hot-plug and plug-and-play compatibility
- USB firmware upgrade support
- Supports high bandwidth for demanding AV applications

Product Overview

The Macsys HMX-MS4-PRO is a professional-grade 4K60 4x4 seamless HDMI matrix switcher and splicer built for demanding AV environments such as control rooms, conference centers, live events, and digital signage networks. It enables any of the 4 HDMI inputs to be routed to any of the 4 outputs with seamless switching, ensuring zero black screens or signal delay. With advanced splicing (video wall) functionality, EDID management, audio handling, and flexible control options (IR, RS-232, TCP/IP, front panel), this matrix switcher delivers unmatched reliability and versatility. Its 4:4:4 chroma support ensures superior image quality, while features like preset recall, hot-plug support, and firmware upgrade capability make it future-ready and installer-friendly.

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Technical Specification

Feature	Details
Product Type	4x4 Seamless HDMI Matrix Switcher & Splicer
HDMI Inputs / Outputs	4 × HDMI input, 4 × HDMI output (Type A 19-pin connector)
Maximum Resolution	Up to 4K @ 60Hz with full 4:4:4 support, 1080p 3D and lower resolutions
Signal Type	Fully digital HDMI signal + stereo audio
HDMI Version / Standard	HDMI 2.0 (with backward compatibility)
HDCP Support	HDCP 2.2 support; backward compatible Input signal status detection and HDCP control on outputs via commands
Chroma / Color Space	4:4:4 (full chroma fidelity)
Splicing / Video Wall	Supported (built-in video wall/splicing functionality)
EDID Handling	Intelligent EDID control; independent EDID per output
Switching Method	Seamless switching between inputs (no black frames or signal delay)
Audio Input	4 x 3pin Phoenix Connector (Ground, Left, Right)
Audio Output	4 x 3pin Phoenix Connector (Ground, Left, Right)
Monitoring	LCD display shows system status & Information
Control Interfaces	Front panel, IR remote, RS-232 commands, TCP/IP control
Memory / Presets	Supports memory / preset recall, and power-failure memory protection
Hot-Plug / Plug-and-Play	Supported
Firmware Upgrade	Via USB
Cable Distance	Input cable length ≤ 30 meters, Output cable length ≤ 15 meters
Power Consumption	22 W
Dimensions	480 × 190 × 44 mm
Mechanical Casing Type	1U rack mount Design
Certifications	CE, RoHS compliance



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