

# MAX-HDMI88S

## HDMI 1.4 4K seamless 8x8 Matrix Switching



The MAX-HDMI88S is a professional 8x8 HDMI 1.4 Seamless Matrix Switcher with EDID management. It includes 8 HDMI inputs, 8 HDMI outputs. The matrix switcher features comprehensive EDID management to ensure maximum functionality with a wide range of video sources.

The matrix switcher supports RS-232 control options.

### Features

- Supports seamless and fast switching from multiple inputs to multiple outputs.
- Supports HDMI/DVI for both inputs and outputs, supports resolution up to 3840x2160@30Hz.
- Input and output color space support RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2, etc..
- Built-in 7 different EDID for inputs, default 1920x1080@60Hz 2ch, supports user defined.
- Input is compatible with DVI / HDMI signal.
- Output support combo port default 9 output resolutions selectable.
- Output signal combination port format support HDMI, DVI.
- Support low power consumption standby and power cut off memory.
- Supports continuous hot-plugging and unplugging of HDMI interface.
- Support two-way serial port control, panel key control, optional network port control.
- 1U height 19-inch standard cabinet mount chassis

### Technical specification

#### Video

|                        |  |
|------------------------|--|
| Input                  | 8 x HDMI                                       |
| Input Connector        | 8 x Type-A female HDMI                         |
| Input HDMI Resolution  | Up to 4K@30Hz RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2 |
| Output                 | 8 x HDMI                                       |
| Output Connector       | 8 x Type-A female HDMI                         |
| Output HDMI Resolution | Up to 4K@30Hz RGB 4:4:4,                       |
| HDMI Standard          | 1.4  |
| HDCP Version           | 1.3  |
| HDMI Embedded Audio    | PCM  |

#### Control

|                |  |
|----------------|--|
| Control Port   | 1 x RS232 in, 2 x RS232 out  |
| Port Connector | 1 x DB9 RS232 input female connector,<br>1 x DB9 RS232 output male connector,<br>1 x RJ45 RS232 output connector |
| Keys           | White button (Supports switching and scene calling)  |

#### General

|                       |                       |
|-----------------------|-----------------------|
| Transmission Distance | 1080P ≤ 15m; 4K ≤ 5m; |
| Bandwidth             | 10.2Gbps              |
| Working Temperature   | 0°C~+40°C             |
| Storage Temperature   | -10°C~+50°C           |
| Relative Humidity     | 10%~90%               |
| Power Supply          | DC 12V 1A             |
| Size (W*D*H)          | 437mm x 236mm x 44mm  |
| Net weight            | About 3 kg            |

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### Typical applications

Any integration that requires multi format inputs over a long distance or requires HDBT outputs.  
• Schools (Classroom, Lab, Hall etc.) • Churches • Corporate Applications (Board Room, Function Room etc) • Rental

### Diagram

