

## Matrix-8X8-H2

## HDMI matrix 8x8



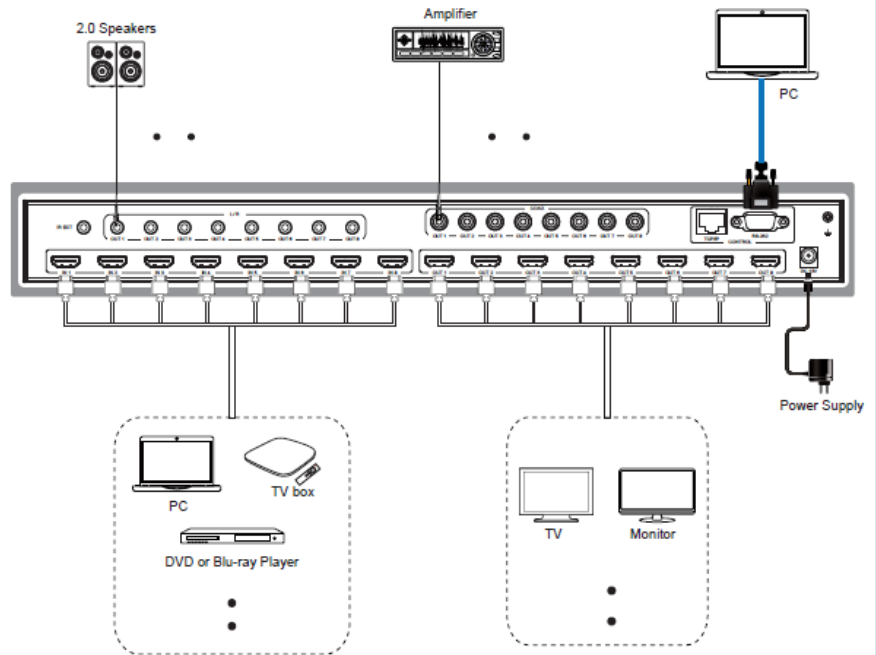
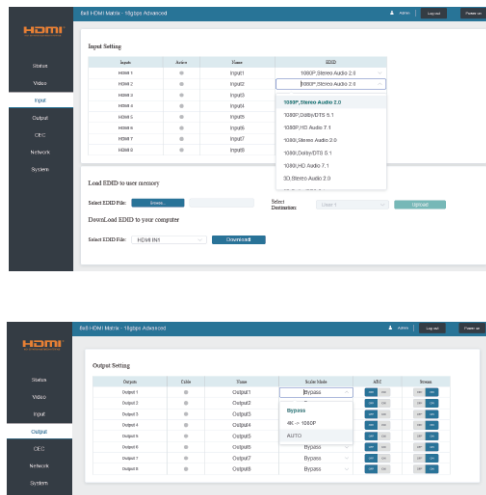
### FEATURES:

- Supports up to 3840x2160 input & output
- HDCP 2.2 compliant & ARC
- RS232 control & GUI

The 18Gbps 8x8 HDMI Matrix supports the transmission of video (up to 4K2K@60Hz YUV 4:4:4) and multi-channel high resolution digital audio from 8 HDMI sources to 8 HDMI displays. Audio de-embedded to analog and coaxial audio is supported from 8 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 8x8 HDMI Matrix supports 4K2K to 1080P downscaler independently. Control is via front panel buttons, IR remote, RS-232, LAN and Web GUI.

### Diagram

#### 8x8 Matrix



### SPECIFICATIONS:

Input	8 x HDMI
Output	8 x HDMI
Resolution	4K2K@24/25/30/60Hz
HDMI Standard	2.0
HDCP Version	2.2, 1.4 compliant
RS232	3-pin pluggable connector for RS-232 control of the Switcher
HDMI 2.0	4K@60Hz 4:4:4
HDR Support	HDR10, HDR10+. Dolby Vision, HLG
Coaxial Audio Formats	PCM2.0, Dolby Digital / Plus, DTS 2.0/5.1
L/R Audio Formats	PCM2.0CH
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/5A
Power Consumption	10 W (Max)
Dimensions	440mm (W)×200mm (D)×44.5mm (H)
Weight	2800 gram

### Matrix-8X8-H2



GeMNeXT is brand of

AVDIS B.V.  
Ambachtstraat 3A  
3732 CN DE BILT

The Netherlands

[www.gemnext.com](http://www.gemnext.com)

[info@gemnext.com](mailto:info@gemnext.com)

+31- (0)85 2100 614