



Introduction

The popularity of HDMI products over the years is now widely seen in today's commercial and residential environments. People usually have several HDMI displays and sources in a single place. As multiple HDMI inputs and outputs increase, the need for a HDMI matrix that will inter-connect these HDMI devices is becoming more eminent. HDMI V1.3 Matrix provides this excellent and convenient solution. It also features a variety of choices on where to play the images with an existing remote controller. Further, the HDMI V1.3 Matrix supports HDMI 1.3, HDCP 1.1 and DVI 1.0, and can transfer Deep Color video and bit stream digital audio with maximum performance.

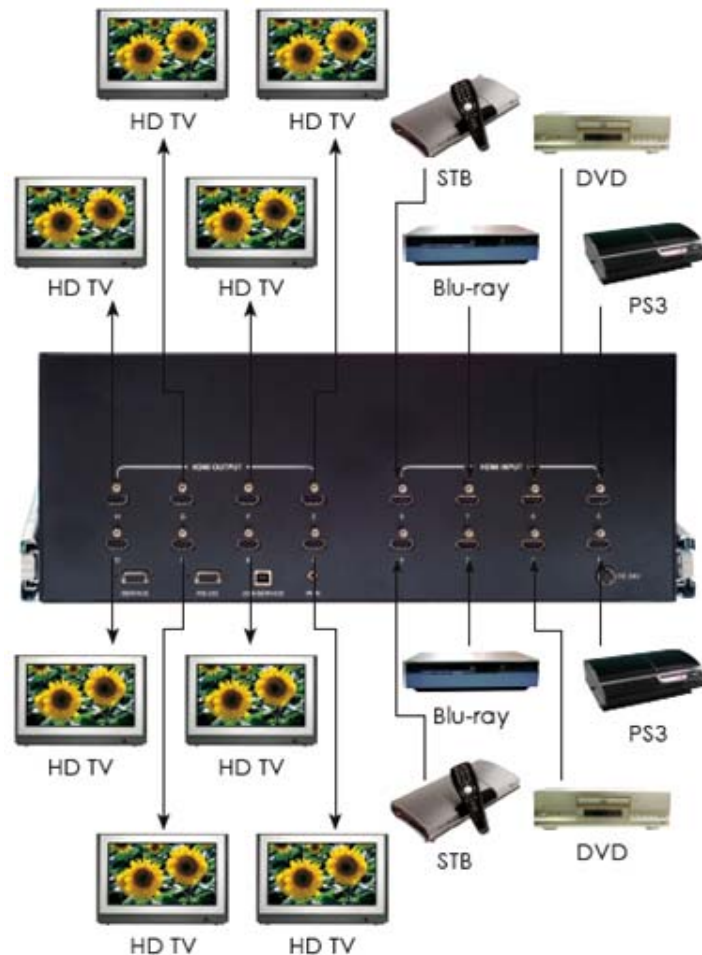
Features

- ◆ HDMI 1.3, HDCP 1.1, and DVI 1.0 compliant.
- ◆ Supports digital video formats in Deep Color 10 bits and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS HD Master Audio) digital audio.
- ◆ The HDMI input is compensated, clock / phase adjusted and jitter eliminated so the output is brand new standard HDMI signal.
- ◆ Supports recall, memory and key lock function.
- ◆ Compatible with all HDMI sources and displays.
- ◆ Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- ◆ Supports RS-232 control and firmware upgrading through USB port.
- ◆ Supports IR remote control and IR extender.
- ◆ Dolby Digital, DTS digital audio transmission (32-192 KHz Fs sample rate).
- ◆ Supports LPCM 7.1 channels output from each independent HDMI ports.
- ◆ HDMI cable distance test with 1080p/8 bits & 10 bits resolution, the Input / Output can run up to 10/15 & 10/10 meters.
- ◆ Independent switchable EDID function for choosing the native resolution to display.
- ◆ High performance HDMI 1.3 Matrix with 8 (eight) inputs and 8 (eight) outputs with remote control for link up HDMI devices to enjoying movies, music or games at once.
- ◆ Supports 38KHz IR extender.
- ◆ 4U's rack design for easy installation.
- ◆ Useful hot keys for quick set up.
- ◆ Slide track with handles for easy store.
- ◆ Firm housing structure with intensify placement allowing heat dispensing profoundly.

Specifications

Input Ports	8 x HDMI
Output Ports	8 x HDMI
IR Frequency	20~60KHz
Power Supply	24VDC/6.25A (US/EU standards, CE/FCC/UL certified)
ESD Protection	Human body model: $\pm 10\text{kV}$ (air-gap discharge) ; $\pm 6\text{kV}$ (contact discharge)
Dimensions	482 (W) x 385 (D) x 176 (H) mm
Weight(g)	9500
Chassis Material	Aluminum
Silkscreen Color	Metal Black
Power Consumption	100W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (no condensation)

Connection and Installation



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