

DVDO MATRIX⁴⁴™



Key Features

- 4K 50/60Hz (4:2:0)
- Supports four HDMI 2.0 inputs and outputs
- Supports 3DTV
- RS232 Serial interface for control systems
- Web GUI Setup
- Supports up to Dolby TrueHD, DTS-HD MA
- Direct IR control
- Advanced EDID Management
- Field-Upgradeable Firmware
- Lockable Controls

4K Ultra HD 4x4 Matrix Switcher

DVDO Matrix⁴⁴ is a 4K HDMI® Matrix switcher supporting up to four inputs that transmits up to 4K (50/60Hz) Ultra HD or Full HD 1080p sources to four outputs. Designed for both home and commercial use, it provides intuitive control and fast switching for installers and home theater enthusiasts.

4K 50/60 Video & Audio

Matrix⁴⁴ provides four HDMI 2.0 compliant inputs and outputs to transmit 4K at 50/60Hz or 1080p60 sources to 4K Ultra HD displays while supporting 3D, Dolby TrueHD and DTS-HD Master Audio™.

Broad Control Options

Matrix⁴⁴ offers easy control from the built-in Web server for setup and monitoring, direct TCP/IP, RS232, and IR for easy integration into a higher level control system. For standalone applications, a wireless Android application is also available. Front panel controls are straightforward and allow individual output control, direct jump to preset connections, and the ability to lock the front panel controls to prevent unwanted changes.

Advanced EDID Management

Matrix⁴⁴ ensures universal display compatibility through dynamic EDID control. Multiple EDID options from sink duplication to preset EDIDs enable simple home theater or commercial AV installations.

Installer's Choice

With a locking power connector, rack mount tabs, remote Web access and easy field-upgradable firmware, Matrix⁴⁴ is designed with the installer in mind.

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Technical Specifications

Video Formats	4K50/60(4:2:0), 4K24/25/30, 1080p24/25/30/50/60, 1080i50/60, 720p50/60, 576i/p, 480i/p, common PC resolutions VGA, SVGA, XGA, SXGA
Audio Support	DTS-HD MA, Dolby TrueHD, Dolby Digital+, Dolby Digital, DTS 5.1, LPCM 7.1, LPCM 5.1, PCM-2 32-192KHz
3D Support	Yes
Video Color Space and Bit-depth	RGB, YCbCr (4:4:4, 4:2:2) 8/10/12 bit YCbCr 4:2:0 8-bit (4K50/60 only)
HDMI Version	Compliant to 2.0
HDCP Version	1.4
IR Receiver Connector for Matrix Control	Yes
Power Supply	5V DC
EDID Management	Yes
RS232 Serial Control Interface	Yes
Locking Power Connector	Yes (EU/UK/Aus available)
Dimension	17" (Width) x 10.5" (Depth) x 1.75" (Height)
Weight	6.3 lbs
Certifications and Compliance	FCC, CE, RoHS
Optional Accessories	Rack Mount
Field-upgradable Firmware	Yes
Operating Temperature	0 - 40°C

Status

Routing status

Power Status: ON

Output A: Input 1

Output B: Input 2

Output C: Input 3

Output D: Input 4

EDID Mode: APPOINT

Preset 1: OutA(1) OutB(2) OutC(3) OutD(4)

Preset 2: OutA(1) OutB(2) OutC(3) OutD(4)

Preset 3: OutA(1) OutB(2) OutC(3) OutD(4)

Preset 4: OutA(1) OutB(2) OutC(3) OutD(4)

Status | IO Status | Matrix Control | Network Configuration

Matrix Control

Routing

Power: ON

Output A From: Input 1

Output B From: Input 2

Output C From: Input 3

Output D From: Input 4

Output All From: Select

EDID

EDID Mode: APPOINT

EDID IN1: Sink A

EDID IN2: Sink B

EDID IN3: Sink C

EDID IN4: Sink D

Factory Reset

Sink A
Sink B
Sink C
Sink D
8/2D/PCM/720p
8/2D/PCM/AC3/720p
8/2D/PCM/1080p
8/2D/PCM/AC3/1080p
8/2D/PCM/4K2K
8/2D/PCM/AC3/4K2K

Status | IO Status | Matrix Control | Network Configuration

IO Status

Source Detection

Input 1: OFF

Input 2: OFF

Input 3: OFF

Input 4: OFF

Sink Information

Sink A Info

Type: HDMI

Manuf. Name: SEK

Monitor Name: SE50Y04

Native resolution: 1280x720p

Color Depth: 8-Bits

3D: YES

4K2K: NO

Audio Format: PCM

Input Naming

INPUT 1 INPUT1

INPUT 2 INPUT2

INPUT 3 INPUT3

INPUT 4 INPUT4

Save Name

Output Naming

OUTPUT A OUTPUTA

OUTPUT B OUTPUTB

OUTPUT C OUTPUTC

OUTPUT D OUTPUTD

Save Name

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Network Configuration

MAC Address: F8-22-85-00-03-C4

Address Type: STATIC

IP Address: 192.168.1.10

Net Mask: 255.255.255.0

Default Gateway: 192.168.1.1

Http Port: 80

Telnet Port: 23

Save

Status | IO Status | Matrix Control | Network Configuration

DVDO

CUSTOMER SUPPORT INFORMATION
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