DVDO *Matrix*^{6} ™

- **• 4K Ultra HD**
- **• MHL Connectivity**
- **• Coax/Optical**
- **• Serial Port for Automation Control**
- **• Compatibility & Performance Modes**

6x2 4K Ultra HD Matrix Switcher

Bringing the Latest 4K Ultra HD Stream to Your Entertainment without Additional Investment

DVDO Matrix^6 is the first matrix switcher that brings 4K Ultra HD source switching to residential and commercial A/V systems. Developed for easy integration into home theater control systems, Matrix^6 supports two independent 4K streams allowing you to add a second display or projector while sharing an existing source stack thereby minimizing cost. Additionally, it provides MHL® (Mobile High Definition Link) connectivity to display mobile content on a big screen.

Dual-Stream 4K Ultra HD Switching

Matrix^6 supports two independent 4K Ultra HD streams while providing digital audio to an attached AVR, making it easy to view content in another room or on a second display without sacrificing performance or additional investment.

MHL Connectivity

MHL inputs on Matrix^6 allow users to mirror the content of their MHL-enabled smartphones or tablets on multiple displays, while charging the mobile devices at the same time.

Multiple Modes

Matrix^6 provides an optional Performance mode which keeps the one display from flashing when the other display changes inputs (a common issue with other switchers), but also provides a Compatibility mode for installations with different TV capabilities.

Key Features

- Six 4K Ultra HD HDMI Inputs
- Two MHL-enabled Inputs to connect to mobile devices
- Two 4K Ultra HD HDMI Outputs for connecting to two displays
- Multiple modes (switching inputs on one output does not affect the other)
- S/PDIF optical and coax outputs
- Audio Return Channel (ARC)
- 3D Support
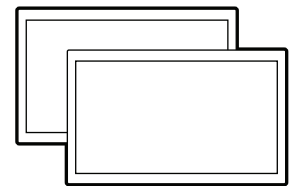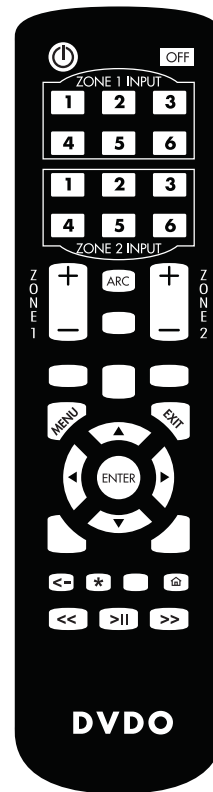- Serial Port for automation control
- USB for easy firmware update

HDMI® MHL Mobile High-Definition Link

DVDO *Matrix*⁶ ™

6x2 4K Ultra HD Matrix Switcher

Rear Panel of the DVDO Matrix⁶

Technical Specifications

HDMI	
Inputs	6
Outputs	2
MHL	
Inputs	2 (Shared with HDMI)
Digital Audio Outputs	
Optical	1
Coax	1
Maximum Video Resolution	4K@24/30Hz
Audio Formats	Up to DTS-HD MA, Dolby TrueHD formats
Serial Port	1 (Automation)
USB (Host)	1 (Firmware Update)
Remote Control	1
Power Supply	External 12V power adapter, 100 – 240 VAC @ 50-60 Hz
Active Power	6 W (no MHL devices), 22 W (2 MHL devices)
Standby Power	<1 W (no MHL devices)
Dimension (W x H x D)	
Unit	12.4" x 6.5" x 1"
Package	18.5" x 11.75" x 3.25"
Master Pack (5)	19" x 12" x 16.5"
Package	4.8 lbs

Dual Display Compatibility

DVDO