

# MatrixPRO 8 X 8 DVI

8x8 DVI router matrix switcher



- Supports inputs up to 2,048 x 1,080 resolution
- Programmable EDID per channel
- Built-in test pattern generator

The MatrixPRO 8x8 DVI router switches any of the eight DVI inputs to any or all of the outputs. Each channel can be programmed with unique EDID information based on the system requirements. This information is also available to external sources, even when the unit is turned off. Each input is re-clocked as it passes through the router maintaining the DVI signal strength, and each output channel can also display an internally generated test pattern. The MatrixPRO 8x8 DVI router accepts inputs up to 2,048 x 1,080 (including all HD) resolutions.

## Easy control

The unit is controlled from the built-in front panel, the MatrixPRO remote panels, the MatrixPRO software and the Encore and ScreenPRO-II controllers. The front panel includes an easy to read VFD display and a knob for simple navigation of the menus. The menu structure is similar to the rest of MatrixPRO router family. Communication with the remote panels or the software is established by either Ethernet or RS-232 protocols. The MatrixPRO 8x8 DVI is also automatically recognized by the Encore and ScreenPRO II controllers. This allows for full integration with Barco's image processing tools.

## Product specifications

## MATRIXPRO 8 X 8 DVI

### General specifications

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#### Video Routing

- Input: 8 DVI-I connectors (supporting single digital video link) per DVI 1.0 Specification
  - Output: 8 DVI-I connectors (supporting single digital video link) per DVI 1.0 Specification
  - Input Resolution: 640 X 480 to 2048x1080 including HDTV (25-165 Mhz pixel clock)
  - Output Resolution: 640 X 480 to 2048x1080 including HDTV (25-165 Mhz pixel clock)
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#### Control/Remote

- Ethernet: 1 RJ-45 (F) connector, running 10/100 Base-T, half/full duplex w/ auto detect
  - Ethernet Protocol: ICMP (ping), TCP/IP, Telnet
  - Serial Control Ports: RS-232, 9-pin female D connector
  - Baud rate and Protocol: 115K Baud (max), 8-bit, 1 stop, no parity selectable
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#### Enclosure

- Dimensions: 3.5" H X 17.0" W X 16" D (2U high, full rack width) 4.5cm H X 43.2 cm W X 40.6 cm D
  - Weight: 17.5 lbs (7.92 kg)
  - Rack mount: Front included, rear optional
  - Type: Metal
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#### General

- Temperature: 0-40° C
  - Environmental Humidity: 0-95%, non-condensing
  - Power Type: 100-240 VAC – 50/60 Hz. Auto Selecting 1.0A Max
  - Agency: FCC: part 15, subpart B – Class A, EN55103-1 E4 and EN55103-2 CE: safety EN 60950
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