MatrixPRO-II analog series

Analog wideband matrix switchers

Flexible switching

Barco's MatrixPRO-II series features bandwidth greater than 600 MHz @ -3 dB with +/- 1.0dB flatness to 300 MHz. This high bandwidth and flat frequency response allows for image switching and signal distribution without artifacts. All models feature a genlock input, ensuring that all switching is synchronized with the house sync. A user-selectable RGB delay mode allows down-stream equipment to lock to a new signal before anything is visible on the screen. Up to 32 presets can be stored for easy system reconfiguration.

I/O grouping and split mode switching

Barco's MatrixPRO-II series also features I/O grouping and split mode switching, which allows the matrix to be divided into smaller sub-switchers and each color channel to switch independently.

Easy control

The MatrixPRO-II routers can be controlled from the front panel, RS-232, or Ethernet connections. All models are controllable from Barco's Encore and ScreenPRO-II presentation systems, which results in an easy and integrated workflow.

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Product specifications	MatrixPRO-II analog series
Video	■ Connector type: female BNC ■ Bandwidth (fully loaded @0.7Vpp): 600MHz at -3dB ■ Flatness: +/-1.0dB to 300MHz ■ Gain: Unity ■ Impedance: 75 Ohm ■ Level: .7V nominal, 2V max p-p ■ RGB output delay: 0.1 to 10 sec
Sync	■ Input level: 0.5V to 5.0V p-p, 4V nominal ■ Output level: TTL 2.4V into 75 Ohm load ■ Impedance: 75 Ohms ■ Polarity: same as input ohms
Power	**Input power:** 100-230V, 1.3A max

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