

MatrixPRO-II analog series

Analog wideband matrix switchers



Flexible switching

Barco's MatrixPRO-II series features bandwidth greater than 600 MHz @ -3 dB with ± 1.0 dB 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.

Product specifications

MATRIXPRO-II ANALOG SERIES

General specifications

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

Last updated: 09 Jul 2024

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