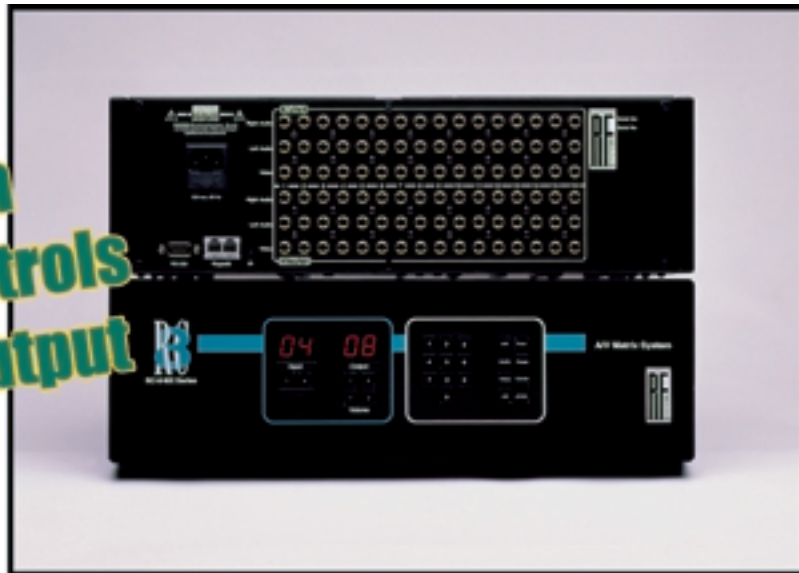


R.F. Systems' Matrix Systems are a Sound Investment

Now with
volume controls
on every output



****Matrix systems with volume control on every output eliminates the need for pre-amps**

- Matrix systems available as audio/video, audio only, and video only. All video formats (Comp. S-VHS, RGBhv, etc., balanced and un-balanced audio)
- Available in sizes from 4 in x 4 out up to 24 in x 24 out.
- Extremely easy to use!!
- Save time and money by using R.F. Systems' RC-8-MX Matrix Series. These state-of-the-art systems make your job easier even in the most difficult installations.
- R.F. Systems matrix systems use extremely simple commands, have 100 MHZ video bandwidth, and includes RS-232, infrared, and front panel controls.
- Compatible with Crestron, AMX, Phast Systems and many more.



R.F. Systems, Inc.

211 E. Simpson St.
Lafayette, CO 80026
Ph: 303-604-6881
1-800-869-5632
Fax: 303-604-6979
website: www.rfsystems.com

****CALL 1-800-869-5632** for more information or a free catalogue of innovative products to assist in making your installations easier and less expensive for your customers.

RC-8-MX Series

Audio / Video Matrix Router

Specifications:

Video Inputs

Bandwidth 100 Mhz (-3dB)
(fully loaded)
Video Standard International
Level5 to 2 Volts (p-p)
Impedance 75 Ohm
Video Formats Composite, S-VHS,
Component, RGBhv

Video Outputs

Gain Unity
Impedance 75 Ohm
Differential Gain05%
Differential Phase07Δ
Crosstalk at 10 MHz <90 dB

Audio Inputs

Bandwidth 1 Mhz (-3dB)
Gain Unity (optional user adjust)
Level (un-balanced)5 to 5 Volts (p-p)
Level (balanced)5 to 10 Volts (p-p)
Impedance (un-balanced) 51k ohm
Impedance (balanced) 600 ohm
Input Level Adjustment 0dB to -16dB in 0.5dB
steps

Audio Outputs

Gain Variable -50dB to +31dB in
2dB steps with mute
Level (un-balanced)5 to 5 Volts (p-p)
Level (balanced)5 to 10 Volts (p-p)
Impedance (un-balanced) 100 ohm
Impedance (balanced) 600 ohm
crosstalk <100 dB
THD <0.1%
SNR <100 dB

Connectors

Gold RCA standard
BNC for video/audio available
Terminal Blocks for audio available
Balanced Audio available
4-Pin Mini Din for S-VHS available

Infrared Control

Teaches standard IR learning remotes
IR controllable functions include routing, output
volume level, zoned source selection, many more.

Keypad Ports (RS-485 + power)

Number of Ports 2
Number of Keypads 128 supported

RS-232 Interface 9 pin D-sub Female

RS-485 Interface RJ-12 Jack (see keypad
port)

Protocol 2400-38400 baud,8,1,N

Dimensions 16 ¼ x 13 ¼
(height depends upon configuration)

Rack Mountable Yes (ears not included)

Shipping Weight 25+ lbs (model dependant)

Power Supply 110-240 Volt auto-
switch mode

Rack Ears MTX-62-159
(2-rack housing)
MTX-62-160
(3-rack housing)

All specifications subject to change without notice.



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Available through:

