



RGBHV Routing Switchers

Models MX-2541, MX-2522

MX-2522 is a 2x2 Matrix Routing Switcher. Its 300MHz bandwidth handles computer resolutions up to 1920x1440 and delivers signals up to 150 feet away without any signal deterioration. Since it is a Matrix Router, either input can be sent to either or both of the outputs. The unit provides VESA industry standard DDC (Data Display Channel) bi-directional communications between the outputs and the host PC for Plug and Play compatibility and host control of the downstream monitors. Input and Output connectors are HD-15 type. The unit is housed in small rugged metal case. It is 7.5VAC powered and comes with a 115VAC Power Adapter. For best performance, use high-grade output cables such as our Z-Plus professional grade VGA cables, available in a variety of lengths.

MX-2541 is a 4x1 Routing Switcher, meeting the same specifications as the MX-2522. The unit is housed in small rugged metal case. It is 9VDC powered and a 115VAC small inline Power Adapter is included.

Key Features of the MX-2500 Series Routers

- Drives Monitors up to 150 feet away
- 300MHz Signal Bandwidth handles any PC Signal
- Max Resolution 1920x1440
- Locking Power Connector for Security
- 4x1 or 2x2 Matrix versions available
- Optional Plug and Play Monitor Support

Specifications

Computer Video Inputs

Signal Type	RGBHV, RGBS, RGsB
Connector	1x HD-15 Female
R-G-B Level Range	0.5-2.0 Vp-p
Maximum Resolution	1920x1440
MX-2522	2x via HD-15 Female Connectors
MX-2541	4x via HD-15 Female Connectors

Computer Video Outputs

MX-2522	2x via HD-15 Female Connectors
MX-2541	1x via HD-15 Female Connectors

General

R-G-B Bandwidth	300MHz
Maximum Distance	Up to 150 feet from Switcher
Monitor Support	DDC1, 2, DDC2B, 2B+, 2AB

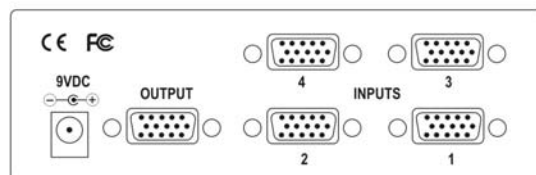
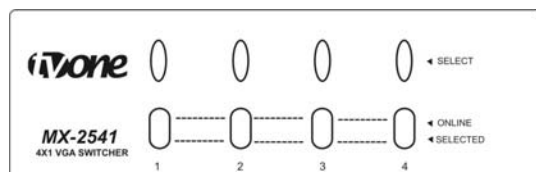
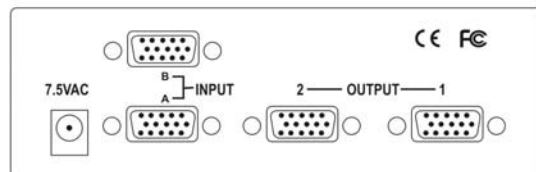
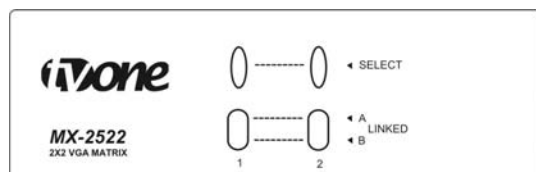
Mechanical

Size (H-W-D)	1.75"x5.1"x2.9" (44x130x74mm)
Weight (Net)	1 lbs (450 g)

Warranty

Limited Warranty	2 Years Parts and Labor
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Panel Drawings



Environmental

Operating Temperature	+32° to +120° F (0° to +48° C)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-40° to +150° F (-40° to +65° C)
Storage Humidity	10% to 85%, Non-condensing

Power Requirement

MX-2522	7.5VAC @ 800mA
MX-2541	9VDC @ 300mA

Regulatory Approvals

Amplifier Units	FCC, CE
Power Supplies	UL, CE, CSA

AC Power Adapter Included

MX-2522	115vAC to 7.5VAC @ 800mA
MX-2541	115VAC to 9VDC @ 300mA

Product Item Numbers

MX-2522	2x2 Matrix Routing Switcher
MX-2541	4x1 Routing Switcher

Optional Accessories

Output Cables	Various Lengths: 6' thru 200'
MS-DDC2	PnP Communications Adapter