

MX-3141 series 4x1 Routing Switchers are extremely wide bandwidth, high performance products that meet the most demanding requirements for signal routing. Video as well as Audio are routed and the MX-3141HDA switches both Analog and S/PDIF Coaxial Digital Audio. Video Bandwidth is flat +/- 3db to beyond 300MHz insuring these switchers will provide an output identical to the source signals.

The MX-3141PCA switches both YPbPr Component HDTV & PC Video as well as Stereo Analog Audio. The MX-3141CSVA switches NTSC or PAL Composite or S-Video plus Stereo Analog Audio and the MX-3141HDA switches YPbPr Component HDTV Video and Analog or Coaxial Digital Stereo Audio. All units feature RS-232 control capability and are shipped with an IR remote control, a rack mount kit plus an AC power adapter.

Key Features of the Video Routing Switchers

- Professional Grade, High Performance Switcher
- Video Bandwidth: Greater than 300MHz
- PC and HDTV Capability (MX-3141PCA)
- Stereo Analog Audio Plus S/PDIF (MX-3141HDA)
- NTSC and PAL Television Standards
- Inputs: 4x Video, 4x Stereo Audio
- Push Button and IR Inputs Selection
- Rugged Metal Case
- Locking DC Power Connector for Security

MX-3141PCA



MX-3141CSVA



MX-3141HDA



Specifications

Routing Switchers

I/O, All Models	4x1 Video and Audio
MX-3141PCA	Video: HD-15, Audio: 3.5mm Mini
MX-3141CSVA	Video: RCA, S-Video, Audio: RCA
MX-3141HDA	Video: RCA, Audio: RCA + Coax

Performance

Video Bandwidth	300MHz +
Video Impedance	75Ω
Video Level	Unity, Nominal 1V p-p
Audio Bandwidth	20Hz to 20 KHz
Audio Impedance	20KΩ Analog, 75Ω Coaxial
Audio Level	Unity, Nominal (S/PDIF .5-1Vp-p)
Television Standards	NTSC, PAL, HDTV

Supported Signals

MX-3141PCA	PC: VGA, SVGA, XGA, SXGA UXGA (1600x1200), WUXGA (1920x1200) HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
MX-3141CSVA	Composite, S-Video: NTSC&PAL
MX-3141HDA	HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p

Mechanical

Size (H-W-D)	1.87"x11.5"x7" (48x292x176mm)
Weight (Net)	3.3 lbs (1.5Kgs)

Warranty

Limited Warranty	2 Years Parts and Labor
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Environmental

Operating Temperature	0° to +48° C (+32° to +120° F)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-10° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A - Locking DC
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Regulatory Approvals

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

Accessories Included

1x AC Power Adapter	US or European Type
1x IR Remote Control	
1x Rack Mount Kit	
1x Operations Manual	

