

MX-3141 Series

Video/Audio Routing Switchers



Key Features

- Professional Grade, High Performance Switcher
- Video Bandwidth: Greater than 300MHz
- MX-3141PCA: PC and HDTV plus Stereo
- MX-3141CVSA: CV and S-Video plus Stereo
- NTSC and PAL Television Standards
- Inputs: Four Video and Four Stereo Audio
- Push Button and IR Inputs Selection
- RS-232 Interface
- Rugged Metal Case
- Rackmount Ears Included
- Locking DC Power Connector for Security

Overview

MX-3141PCA and MX-3141CSVA are 4x1 Video and Audio Routing Switchers featuring extremely wide bandwidth and high performance to meet the most demanding requirements for signal routing. Video Bandwidth is flat +/- 3db to beyond 300MHz insuring these switchers will provide an output identical to the source signals. All units feature RS-232 and IR remote control. An AC Adapter with a locking DC connector is included, as well as rackmount ears.

The MX-3141PCA accommodates both RGB and YPbPr Component Video formats, plus Analog Stereo Audio. The MX-3141CSVA switches Composite or S-Video in either NTSC or PAL standard, plus Analog Stereo Audio.

Specifications

Video Inputs

MX-3141PCA	4x RGB/YPbPr via HD-15
MX-3141CSVA	4x CV via RCA + 4x S-Video

Stereo Audio Inputs

MX-3141PCA	4x via 3.5mm Mini-Stereo
MX-3141CSVA	4x via RCA (R/L)

Video Outputs

MX-3141PCA	1x RGB/YPbPr via HD-15
MX-3141CSVA	1x CV via RCA + 1x S-Video

Stereo Audio Outputs

MX-3141PCA	1x via 3.5mm Mini-Stereo
MX-3141CSVA	1x via RCA (R/L) 1x via 3.5mm Mini-Stereo

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 (MX-3141PCA)

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

Mechanical

Size (H-W-D)	48 x 292 x 176mm (1.87" x 11.5" x 7")
Weight (Net)	1.47 kg (3.25 lbs)

Warranty

Limited Warranty	1 Years Parts and Labor
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Environmental

Operating Temperature	0° to +50° C (+32° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	5VDC@2.6A - Locking DC
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Regulatory Approvals

Switcher Units	FCC, CE, RoHS
Power Supplies	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Power Adapter	US, UK or Euro
1x IR Remote Control	
1x Rackmount Kit	
1x Operations Manual	

Product Item Numbers

MX-3141PCA	4x1 PC/HD with Stereo
MX-3141CSVA	4x1 CV or S-Video with Stereo

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Panel Drawings

