

**MX-3141PCA, MX-3141CSVA and MX-3141HDA** 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. The MX-3141HDA switches YPbPr Component Video and Analog Stereo or S/PDIF Coaxial Digital Audio.



## Specifications

### Video Inputs

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

### Stereo Audio Inputs

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

### Video Outputs

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

### Stereo Audio Outputs

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

### 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)	48x292x176mm (1.87"x11.5"x7")
Weight (Net)	1.47 kg (3.25 lbs)

### Warranty

Limited Warranty	2 Years Parts and Labor
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## Key Features of the MX-3141 Series Switchers

- 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
- MX-3141HDA: HDTV plus Analog & S/PDIF 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

## 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@2A - 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
MX-3141HDA	4x1 HDTV with Stereo

## Panel Drawings

