

Models MX-3141 Series



## 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.

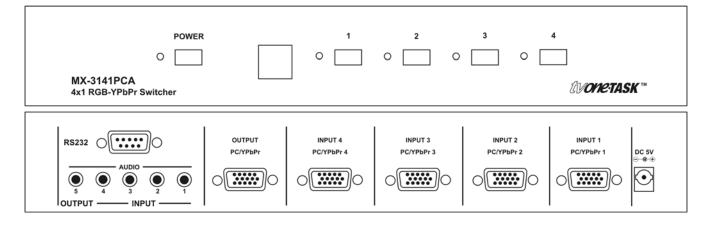


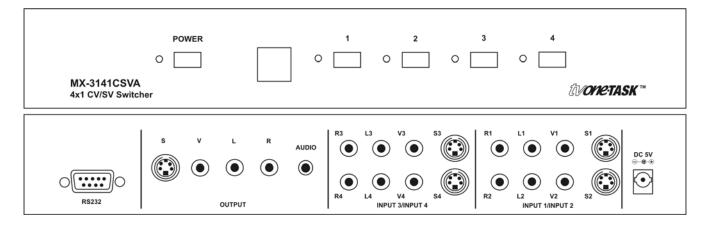
## **Specifications**

Video Inputs MX-3141PCA MX-3141CSVA MX-3141HDA Stereo Audio Inputs MX-3141PCA MX-3141PCA MX-3141CSVA Video Outputs MX-3141PCA MX-3141PCA MX-3141CSVA	<ul> <li>4x RGB/YPbPr via HD-15</li> <li>4x CV via RCA + 4x S-Video</li> <li>4x YPbPr via RCA</li> <li>4x via 3.5mm Mini -Stereo</li> <li>4x via RCA (R/L)</li> <li>4x via RCA + 4x Coaxial via RCA</li> <li>1x RGB/YPbPr via HD-15</li> <li>1x CV via RCA + 1x S-Video</li> </ul>	<ul> <li>Key Features of the MX-3141 Series Switchers</li> <li>Professional Grade, High Performance Switcher</li> <li>Video Bandwidth: Greater than 300MHz</li> <li>MX-3141PCA: PC and HDTV plus Stereo</li> <li>MX-3141CVSA: CV and S-Video plus Stereo</li> <li>MX-3141HDA: HDTV plus Analog &amp; S/PDIF Stereo</li> <li>NTSC and PAL Television Standards</li> <li>Inputs: Four Video and Four Stereo Audio</li> <li>Push Button and IR Inputs Selection</li> </ul>							
MX-3141HDA	1x YPbPr via RCA	RS-232 Interface							
Stereo Audio Outputs MX-3141PCA	1x via 3.5mm Mini -Stereo	Rugged Metal Case							
MX-3141CSVA	1x via RCA (R/L)	Rackmount Ears Included							
MX-3141HDA	1x via RCA + 1x Coaxial via RCA	Locking DC Power Connector for Security							
Performance									
Video Bandwidth	300MHz +	Environmental							
Video Impedance	75Ω	Operating Temperature 0° to +50° C (+32° to +122° F)							
Video Level	Unity, Nominal 1V p-p	Operating Humidity 10% to 90%, Non-condensing							
Audio Bandwidth	20Hz to 20 KHz	Storage Temperature -10° to +60° C (+14° to +140° F)							
Audio Impedance	$20K\Omega$ Analog, $75\Omega$ Coaxial	Storage Humidity 10% to 90%, Non-condensing							
Audio Level Television Standards	Unity, Nominal (S/PDIF .5-1Vp-p) NTSC, PAL, HDTV	Power Requirement							
Supported Signals	NTSC, FAL, HDTV	External Power Supply 5VDC@2A - Locking DC Regulatory Approvals							
MX-3141PCA	PC: VGA, SVGA, XGA, SXGA	Switcher Units FCC, CE, RoHS							
	UXGA (1600x1200),	Power Supplies UL, CUL, CE, PSE, GS, RoHS							
	WUXGA (1920x1200)	Accessories Included							
	HDTV: 480i, 576i, 480p, 576p,	1x Power Adapter US, UK or Euro							
	720p, 1080i, 1080p	1x IR Remote Control							
MX-3141CSVA	Composite, S-Video: NTSC&PAL	1x Rackmount Kit							
MX-3141HDA	HDTV: 480i, 576i, 480p, 576p,	1x Operations Manual							
Machanical	720p, 1080i, 1080p	Product Item Numbers							
	48x292x176mm (1.87"x11.5"x7")	MX-3141PCA 4x1 PC/HD with Stereo							
Size (H-W-D) Weight (Net)	46x292x176fillin (1.87 x11.5 x7 ) 1.47 kg (3.25 lbs)	MX-3141CSVA4x1 CV or S-Video with StereoMX-3141HDA4x1 HDTV with Stereo							
Weight (Net)	1.77 Ng (0.20 103)								
Limited Warranty	3 Years Parts and Labor								



## **Panel Drawings**





MX-3141HDA 4x1 HDTV Swite		POWE	R ]			0	1	0	2	0	3	0	4	] <i>tiv<b>o</b>n</i>	IE TAS	<b>* *</b> <sup>™</sup>
C RS232	R Pr/V3	L Pb/V2 OUTPUT		R Pr/V3	L Pb/V2 INPUT 4	COAXIAL O V/V1	R () Pr/V3	L Pb/V2 INPUT 3		R Pr/V3	L Pb/V2 INPUT 2		R Pr/V3	L Pb/V2 INPUT 1		DC 5V 