1T-MX-6344 4x4 HDMI Matrix Switcher is designed to allow distribution of four HDMI (or DVI) sources independently to four destinations. The 1T-MX-6344 supports HDMI v1.3 Deep Color (10 bit color) video and new lossless, compressed Dolby TrueHD, Dolby Digital Plus as well as DTS-HD Master Audio digital audio. HDCP is supported and all signal paths are fully buffered to prevent cross talk. Frequency bandwidth is 2.25 Gbps (Single Link) and each input signal is reconstituted into a new signal before being output thereby eliminating any jitter component.

HDTV signals up to 1080p and PC signals up to UXGA signals are supported as well as 480i and 576i SDTV. Special mechanical features include TV One's exclusive locking DC power connector as well as compatibility with locking type HDMI cable connectors. RS-232 and Infrared Remote Control are provided in addition to front panel pushbuttons. Rackmount ears are included.

Key Features of the 1T-MX-6344

- 4x4 Matrix HDMI Matrix Routing Switcher
- HDMI v1.3 Compliant
- DVI Compatible (with DVI to HDMI Adapters)
- Full Embedded Digital Audio I/O Support
- PC Resolutions through UXGA
- HD Resolutions through 1080p
- SD Resolutions of 480i and 576i
- RS-232 Interface
- IR Remote Control
- IR Extender
- Rack Mount Kit included

Specifications

Video Inputs	
HDMI (Note 1)	4x via HDMI Type A Connectors
Video Outputs	
HDMI (Note 1)	4x via HDMI Type A Connectors
Audio Inputs/Outputs	
Embedded Audio	Dolby TrueHD, Dolby Digital Plus, DTS-HD
Performance	
Compliance	HDMI v1.3, HDCP 1.1, DVI 1.0
Signal Processing	Compensated, Clock Phase Adjusted
Jitter Processing	Reconstituted Signal; Jitter Free
Color Processing	30 bit (10 bit/color)
Frequency Bandwidth	2.25Gbps (Single Link)
Video Resolutions	480i through 1080p, VGA through UXGA
Audio Processing	Dolby, DTS 32-192 fs sample, LPCM 7.1, all Channels
EDID	Auto or Manual Discovery
Cable Distance-Input	20m (66 ft.) (1080p/8 Bit)
Cable Distance-Output	15m (49 ft.) (1080p/8 Bit)
Control Methods	Front Panel, RS-232, IR Remote (IR Extender included)

Mechanical	
Size (H-W-D)	1.75"x17.2"x 6.9"(44x438x175mm)
Weight (Net)	6.8 lbs (3.1Kgs)
Warranty	
Limited Warranty	3 Years Parts and Labor
Environmental	
Operating Temp.	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 - Locking DC
Regulatory Approvals	
Switcher Units	FCC, CE, RoHS
Power Supplies	UL, CUL, CE, PSE, GS, RoHS
Accessories Included	
1x AC Power Adapter	US, UK or European Type
1x RC-44	IR Remote Control Unit
1x IR Extender	
1x Rack Mount Kit	
1x Operations Manual	
Product Number	
1T-MX-6344	HDMI 4x4 Matrix Switcher
Notes	

(1) DVI Compatible by using HDMI to DVI Adapters.

Panel Drawings