

**1T-MX-3344** Matrix Routing Switcher is an extremely wide bandwidth, high performance unit providing four inputs and four outputs of Component Video and Stereo Audio. Any of the four inputs can be routed to a single output, multiple outputs or all outputs a capability unique to Matrix Routing Switchers. The unit accommodates YPbPr HD Video or YUV (Y,R-Y,B-Y) SD Video signals, plus Analog Stereo Audio. The video bandwidth in excess of 300MHz insures this switcher will provide an output identical to the source signals. Resolutions from 480i through 1080p are supported.

The 1T-MX3344 may be operated by front panel buttons, IR Remote Control or via the RS-232 interface. Ears for rackmounting are included. The unit requires external 12VDC and an AC Adapter is provided. It has a locking DC connector for added security.



## Key Features of the Video Routing Switchers

- 4x YPbPr or YUV Video Inputs and 4x Outputs
- 4x Stereo Audio Inputs and 4x Outputs
- Buffered Video and Audio Signal Handling
- Support resolutions up to 1080p
- IR Remote Control
- RS-232 Interface
- Rack Mount Kit included

## Specifications

### Video Inputs

YPbPr or YUV Component 4x via 3x RCA Connectors

### Video Outputs

YPbPr or YUV Component 4x via 3x RCA Connectors

### Video Performance

Television Standards NTSC, PAL

Output Level Y=1V p-p, Pb/Pr=0.7Vp-p

Bandwidth 300MHz +

Impedance 75Ω

Differential Gain 0.05%

Differential Phase 0.05 degrees

### Audio Inputs

Analog Stereo (R/L) 4x via 2x RCA Connectors

### Audio Outputs

Analog Stereo (R/L) 4x via 2x RCA Connectors

### Audio Performance

Output Level (L/R) 2Vrms max @ 47KΩ

Bandwidth 20Hz to 20 KHz

Impedance 47KΩ

### Mechanical

Size (H-W-D) 44x436120mm(1.75"x17"x6.3")

Weight (Net) 1.6 kg (3.5 lbs)

### Warranty

Limited Warranty

3 Years Parts and Labor

### 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

12VDC@1A - 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 Euro

1x IR Remote Control

RC-44

1x Rack Mount Kit

1x Operations Manual

### Product Item Number

1T-MX-3344

4x4 Matrix Routing Switcher

## Panel Drawings

