

**1T-MX-4355 5x5 VGA Matrix Switcher with Audio** is designed to allow distribution of five VGA sources (or YPbPr, CV & SV with appropriate cable adapters) to five devices independently or all at the same time. The 1T-MX-4355 also provides full support for stereo audio I/O. All video paths are buffered to prevent cross talk and cable distances of 65 meters (210 ft) are supported for resolutions up to and including 1080i. 480i through 1080p HDTV signals and VGA through WUXGA signals are valid inputs and outputs. All inputs are processed at full bandwidth, delivering no compromise outputs on all paths. Switcher memory is employed to insure last selection recall should power be temporarily lost. RS-232, Ethernet and Infrared control supplement front panel input/output selection and a rack mount kit is included with the switcher. Special mechanical features include TV One's exclusive locking DC connector preventing inadvertent disconnects.



## Key Features of the VGA Routing Switcher

- 5x5 Matrix VGA Signal Switching
- RGBHV, YPbPr, CV and SV Signals Supported
- Stereo Audio I/O Support
- Buffered Video Signal Handling
- 480i to 1080p HDTV & VGA – WUXGA Resolutions
- IR Remote Control
- RS-232 Control or Ethernet Control
- Rack Mount Kit included

## Specifications

### Video Inputs

VGA Video (Note 1) 5x VGA, Female, 15 pin

### Video Outputs

VGA Video (Note 1) 5x VGA, Female, 15 pin

### Audio Inputs

Stereo, Analog Audio 5x 3.5mm, Female

### Audio Outputs

Stereo, Analog Audio 5x 3.5mm, Female

### Performance

Video Resolution 480i - 1080p, VGA - WUXGA

Supported Signal Types VGA, YPbPr, CV, S-Video

Audio Processing 2 Ch, Stereo Analog Audio

Cable Distance – Input 65m (210') Max @ 1080i/8-bit

Cable Distance - Output 65m (210') Max @ 1080i/8-bit

Device Control Methods Local Front Panel, plus Remote by IR, RS-232, Ethernet

### Mechanical

Size (H-W-D) 1.75"x17"x3.8" (44x440x96mm)

Size (H-W-D) 1.75"x19"x3.8" (44x482x96mm) (with Rackmount Ears)

Weight (Net) 2.0 lbs (890g)

### Warranty

Limited Warranty

3 Years Parts and Labor

### Environmental

Operating Temperature

0° to +40°C (+32° to +104°F)

Operating Humidity

20% to 90%, Non-condensing

Storage Temperature

-20° to +60° C (-4° to +140° F)

Storage Humidity

20% to 90%, Non-condensing

### Power Requirement

External Power Supply

5VDC@6A - 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 IR Remote Control

Infrared

1x Rack Mount Kit

1x Operations Manual

### Optional Accessories

Cables/Adapters

Various Types and Lengths

### Notes

(1) YPbPr, CV and SV available with adapters

## Panel Drawings

