

1T-SX-632 and **1T-SX-634** HDMI Routing Switchers are Version 1.3 compliant. The 1T-SX-632 switches between two inputs, the 1T-SX-634 switches up to four inputs. Both units maintain the signal components present within the encoded signal and allow the user to easily select program material without plugging and unplugging cables. Embedded audio, including Dolby® Digital TrueHD and DTS-HD is supported.

HDTV resolutions of 480p, 576p, 720p, 1080i and 1080p are supported, plus SDTV resolutions of 480i and 576i and PC resolutions up to 1920x1200. The units are fully DVI compatible. The switchers can be controlled via the front panel or with the included Infrared Remote Control. RS-232 control is provided as a standard feature.

Provisions are made for securing locking type HDMI cables. The units are housed in rugged metal cases and optional Single/Dual Rackmount Kits are available. They are 5VDC powered and a Power Adapter is included. The DC power connector is a locking type for security. For best performance at long distances, premium grade cables are recommended.



Key Features of the 1T-SX-632, 1T-SX-634

- Switches two or four HDMI Sources
- Supports HDTV resolutions up to 1080p
- Supports SDTV 480i, 576i resolutions
- Supports PC resolutions up to 1920x1200
- HDMI v1.3, HDCP v1.1, DVI v1.0 Compliant
- Built in Enhancer for long cable runs
- Supports 10/12 bit Color Depth Displays
- Supports DDWG Standard for HDMI Monitors
- Supports embedded audio, including Dolby® Digital TrueHD and DTS-HD
- Controllable via Front Panel or Included IR Remote
- RS-232 Control Port Provided
- Single/Dual Rackmount Kit optional
- Locking DC Power Connector for Security

Specifications

Video Inputs

1T-DA-632	2x HDMI via Type A Connectors
1T-DA-634	4x HDMI via Type A Connectors

Video Output

Both Models	1x HDMI via Type A Connector
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Video Specifications

SDTV Resolutions	480i, 576i
HDTV Resolutions	480p, 576p, 720p, 1080i, 1080p
PC/DVI Resolutions	Up to 1920x1200
Bandwidth	2.25GHz
Color Depth	10/12 bit
Compliance	HDMI V1.3, HDCP V1.1, DVI V1.0
Signal Enhancement	Switchable On/Off

Audio Specifications

Embedded	per HDMI v1.3 standard
HD-Audio	including Dolby® TrueHD, DTS-HD

Maximum Cable Lengths

Source to Switch Input	Up to 15m (45') (Note 1)
Switch Output to Display	Up to 15m (45') (Note 1)

Mechanical

Size (H-W-D)	30x200x89mm (1.2"x7.9"x3.5")
Weight (Net)	0.85 kg (1.9 lbs)

Environmental

Operating Temperature	0° to +50°C (+32° to 122° C)
Operating Humidity	10% to 90%, Non-Condensing
Storage Temperature	0° to +70°C (+32° to 158° C)
Storage Humidity	10% to 90%, Non-Condensing

Remote Control

Serial Interface	RS-232 via DB-9
Infrared	IR Remote Included

Warranty

Limited Warranty	2 Years Parts and Labor
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Power Requirement

External Power Supply	5VDC@2A – Locking DC
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Regulatory Approvals

Converter Unit	FCC, CE, RoHS, HDMI ATC
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Power Adapter	US, UK or Euro
Operations Manual	
IR Remote Control Unit	
Locking Cable Kit	Hex adapters to accommodate locking HDMI connectors

Product Item Number

1T-DA-632	2x1 HDMI Routing Switcher
1T-DA-634	4x1 HDMI Routing Switcher

Optional Accessory

Rackmount Kit	RM-230 Single/Dual
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Notes

(1) To achieve the max rated distance, use premium cables.

Panel Drawings

