

1T-SX-632 & 1T-SX-634

HDMI Routing Switchers

Key Features

- 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 signal 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 Master Audio
- Controllable via Front Panel or Included IR Remote
- RS-232 Control Port Provided
- Single/Dual Rackmount Kit optional
- Locking DC Power Connector for Security



Overview

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 Master Audio 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.

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Specifications

Video Inputs	
1T-SX-632	2x HDMI via Type A Connectors
1T-SX-634	4x HDMI via Type A Connectors
Video Output	
Both Models	1x HDMI via Type A Connector
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)
Remote Control	
Serial Interface	RS-232 via DB-9
Infrared	IR Remote Included
Mechanical	
Size (H-W-D)	30 x 200 x 89mm (1.2" x 7.9 x 3.5")
Weight (Net)	850g (1.87 lbs.)

Environmental	
Operating Temperature	0° to +50°C (+32° to 122° C)
Operating Humidity	10% to 90%, Non-Condensing
Storage Temperature	-10° to +50°C (+14° to 122° C)
Storage Humidity	10% to 90%, Non-Condensing
Warranty	
Limited Warranty	1 Year Parts and Labor
Power Requirement	
External Power Supply	5VDC@2.6A – Locking DC
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
1x Operations Manual	
1x IR Remote Control	
Locking Cable Kit	Hex adapters to accommodate locking HDMI connectors
Product Item Number	
1T-SX-632	2x1 HDMI Routing Switcher
1T-SX-634	4x1 HDMI Routing Switcher
Optional Accessory	
Rackmount Kit	RM-230 Single/Dual
Notes	
(1) To achieve the max rated distance, use premium cables.	

Panel Drawings

