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.
### 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')
- Switch Output to Display: Up to 15m (45')

**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: 3 Years 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
- 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

![1T-SX-632 2x1 HDMI Switcher](image)

![1T-SX-634 4x1 HDMI Switcher](image)

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1T-SX-632 & 1T-SX-634 Specification Sheet Version 2.0

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