



HDMI v1.4 FAST Switcher w/ 3D/ARC

Model 1T-SX-644

1T-SX-644 HDMI v1.4 FAST Switcher with 3D / ARC

allows selection of any of 4 inputs for display on an HDMI compliant display device. This version 1.4 HDMI device supports all standard High Definition Television formats, including 1080p. It also supports PC formats through WUXGA. It provides embedded HD-Audio capability, including Dolby® TrueHD and DTS-HD. The product is fully HDMI 1.4, HDCP 1.4 and CEC1.4 compliant and supports Deep Color 36/30/24 Bit, 1080p @50Hz plus it provides 3D Television Support. Audio Return Channel Support (ARC), Fast Switching of all inputs and operation as an HDCP Repeater is included. Control is via the Front Panel, an included, full-featured remote control which controls both the selection of inputs and also accesses an OSD (On Screen Display) for system control or via RS-232 commands. Installation is fast and operation is intuitive.

Specifications

Supported Inputs

Input Format HDMI Version 1.4
Input Signal Types HDMI (plus PC Video to WUXGA)

Supported Output

Output Format HDMI V1.4
Output Signal Type High Definition Multimedia Interface

Signal Characteristics

Freq. Bandwidth 2.25Gbps (Single Link)
Compliance HDMI 1.4, HDCP 1.4 & CEC1.4
Color Depth Deep Color 36/30/24 Bit, 1080p
Repeater Operation HDCP Repeater Support

Supported Audio

Embedded Audio Dolby® Digital TrueHD and DTS-HD
Return Audio Support Audio Return Channel (ARC)

I/O Connections

Input Connector 4x Type A HDMI Female
Output Connectors 1x Type A HDMI Female

Device Control

Front Panel Front Panel Buttons & OSD Menu
IR Remote Remote Control w/OSD
RS-232 Input Selection & System Control.

Environmental

Operating Temperature 0° to +40° C (+32° to +104° F)
Operating Humidity 20% to 90%, Non-condensing
Storage Temperature -10° to +60° C (+14° to +140° F)
Storage Humidity 20% to 90%, Non-condensing



Key Features of the 1T-SX-644 FAST Switcher

- Fast switching of all inputs
- Supports all standard HDTV formats to 1080p
- Supports PC formats through WUXGA
- Operates at 2.25Gb/s
- HDMI 1.4, HDCP 1.4 and CEC1.4 compliant
- Supports Deep Color, 36/30/24 Bit, 1080p
- Provides 3D Television Support
- HDCP Repeater Support
- Supports Dolby® Digital TrueHD and DTS-HD
- Audio Return Channel Support (ARC)
- Control via Front Panel, Remote Control, RS-232
- OSD (On Screen Display)
- Intuitive Menu structure
- Fast, simple installation
- Locking DC Connector

Warranty

Limited Warranty 3 Years Parts and Labor

Regulatory Approvals

Main Unit FCC, CE, RoHS
Power Supply UL, CUL, CE, PSE, GS, RoHS

Mechanical

Dimensions—HxWxD 1.2"x7.9"x4" (30x200x102mm)
Weight 1.3 lbs (592g)

Power Requirement

External Power Supply 100~240VAC to 5VDC/2A Adapter

Accessories Included

1x Power Adapter US, UK or Euro
1x User Manual

Model Number

1T-SX-644 HDMI v1.4 Fast Switcher w/3D-ARC

Panel Drawings

