

4x4 HDMI Matrix Switcher and HDMI over HDBaseT CAT5 Extender - 230ft (70m) - 1080p

Product ID: ST424HDBT



This HDBaseT HDMI Matrix Switch and Cat5 extender is an all-in-one digital signage solution that enables you to extend four distinct HDMI audio/video sources up to 230ft (70m), to four remote displays using STHDBTRX receiver units (sold separately). Matrix switching allows each of the remote displays to output and switch between any of the video sources.

HDBaseT is a standardized, zero latency, video distribution technology that's revolutionizing HDMI distribution. HDBaseT uses an advanced method of modulation that enables you to distribute uncompressed HDMI audio and video along with additional signals such as 100BaseT Ethernet, IR, RS-232 serial and power over cable.

The switch extends HDMI using standard Cat5e or Cat6 Ethernet cable with RJ45 connectors, allowing you to use your existing cabling infrastructure, with no added cost in specialized cabling or connectors. Plus, because the HDMI extender also allows for matrix switching in one easy-to-use and clutter-free device, it eliminates the expense and hassle of running multiple devices.

For complete end-to-end control the switch can extend Infrared using the IR extender and receiver cables included with the STHDBTRX receiver units (sold separately). For local operation, the HDMI switch also includes a remote control, and easy-to-use front panel buttons that allow you to toggle between video sources.

Ideal for High-Definition applications, the matrix switch supports 1920x1200/1080p video resolutions and digital audio. Plus, built-in EDID monitor emulation ensures native resolution and maximum compatibility with your display or projector, for a convenient plug-and-play installation.

The ST424HDBT is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Connect 4 different HDMI sources to 4 different displays, in different locations around a large building such as a shopping center, school, or hospital
- Place the displays in a convenient viewing area, while the HDMI source equipment is placed elsewhere in a separate, secured environment
- Remotely switch your display from video source to another

Features

- 4x4 Matrix Switching
- 4 x 230ft HDMI extension over Cat5/6 Cabling
- RS232/Ethernet Control
- Included IR remote control
- IR Extension
- EDID emulation
- Mounting brackets included
- Support for video resolutions up 1920x1200/1080p
- 4 x Local HDMI out Ports

Hardware

Warranty	2 Years
Ports	4
Cabling	Cat 5 UTP or better
Audio	Yes
Rack-Mountable	Yes

Performance

Max Distance	70 m / 230 ft
Maximum Digital Resolutions	1920x1200/1080p
Wide Screen Supported	Yes
Audio Specifications	7.1 Surround Sound



Connector(s)

Local Unit Connectors	HDMI (19 pin)
	RJ-45
	DB-9 (9 pin, D-Sub)
	IrDA (Infrared, SIR/FIR)

Indicators

LED Indicators	Power
	Output 1 Display Selection
	Output 2 Display Selection
	Output 3 Display Selection
	Output 4 Display Selection
	Output 1 UTP Activity (Rear)
	Output 2 UTP Activity (Rear)
	Output 3 UTP Activity (Rear)
	Output 4 UTP Activity (Rear)
	LAN Activity (Rear)

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	1.8 A
Output Voltage	12V DC
Output Current	5 A
Plug Type	M
Power Consumption (In Watts)	60

Environmental

Operating Temperature	-5 to 35C (-41 to +95 F)
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Storage Temperature	-5 to 35C (-41 to +95 F)
Humidity	5 to 90 % RH

Physical Characteristics

Color	Black
Material	Aluminum
Product Length	17.3 in [44.0 cm]
Product Width	6.7 in [17.0 cm]
Product Height	2.0 in [50.0 mm]
Weight of Product	5.1 lb [2.3 kg]

Packaging Information

Package Length	20.7 in [52.5 cm]
Package Width	12.8 in [32.5 cm]
Package Height	4.8 in [12.2 cm]
Shipping (Package) Weight	9.2 lb [4.2 kg]

What's in the Box

Included in Package	HDMI Matrix Switch
	Remote control
	Mounting brackets
	Software Installation CD
	Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand
	Quick Install Guide

****Product appearance and specifications are subject to change without notice.***

