

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.

What is HDBaseT?

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.

Simplify your setup

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.

Extend more with HDBaseT

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.

High-Definition picture quality from an impressive distance

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
	Audio	Yes
	Cabling	Cat 5 UTP or better
	Ports	4
	Rack-Mountable	Yes
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	70 m / 230 ft
	Maximum Digital Resolutions	1920x1200/1080p
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	1 - DB-9 (9 pin, D-Sub) Female
		5 - RJ-45 Female
		8 - HDMI (19 pin) Female
		8 - IrDA (Infrared, SIR/FIR) Female
Indicators	LED Indicators	1 - Power
		4 - Output 1 Display Selection
		4 - Output 2 Display Selection
		4 - Output 3 Display Selection
		4 - Output 4 Display Selection
		1 - Output 1 UTP Activity (Rear)
		1 - Output 2 UTP Activity (Rear)
		1 - Output 3 UTP Activity (Rear)
		1 - Output 4 UTP Activity (Rear)
		1 - LAN Activity (Rear)
Power	Input Current	1.8 A
	Input Voltage	100 ~ 240 AC
	Output Current	5 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	60
	Power Source	AC Adapter Included
Environmental	Humidity	5 to 90 % RH
	Operating Temperature	-5 to 35°C (-41 to +95 °F)

	Storage Temperature	-5 to 35°C (-41 to +95 °F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum
	Product Height	2 in [5 cm]
	Product Length	17.3 in [44 cm]
	Product Width	6.7 in [17 cm]
	Weight of Product	5.1 lb [2.3 kg]
Packaging Information	Package Height	4.8 in [12.2 cm]
	Package Length	20.7 in [52.5 cm]
	Package Width	12.8 in [32.5 cm]
	Shipping (Package) Weight	9.2 lb [4.2 kg]
What's in the Box	Included in Package	<ul style="list-style-type: none"> 1 - HDMI Matrix Switch 1 - Remote control 1 - Mounting brackets 1 - Software Installation CD 1 - 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 1 - Quick Install Guide

Product appearance and specifications are subject to change without notice.