



Eaton B127A-4X4-BH4PH

4x4 HDMI over Cat6 Matrix Switch Kit,
Switch/4x Pigtail Receivers - 4K 60 Hz, HDR,
4:4:4, PoC, 230 ft. (70.1 m), TAA

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PRODUCT NAME	Eaton Tripp Lite series video switch
CATALOG NUMBER	B127A-4X4-BH4PH
UPC	037332269607
PRODUCT LENGTH/DEPTH	7.13 in
PRODUCT HEIGHT	1.73 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	2 lb
WARRANTY	1 year limited
COMPLIANCES	FCC Compliant CE Marked REACH RoHS

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TYPE	Matrix Switch		
AUDIO SPECIFICATION	Supports lossless audio formats such as LPCM 7.1		
AUDIO PORTS	HDMI (FEMALE) Lossless audio including LPCM 7.1		
DEVICE COMPATIBILITY	Laptop Computer Chromebook		
AC POWER ADAPTER PLUG(S)	BS 1363 UK CEE 7/16 Schuko AS/NZS 3112 Australia NEMA 1-15P North America		
RELATIVE HUMIDITY	0-85% non-condensing		
AUDIO INPUT	HDMI		
COLOR	Black		
AUDIO OUTPUT	HDMI		
INPUT	Transmitter end only (included)		
MATERIAL	Metal		
CONNECTOR TYPE	Networking-copper Video		
PRODUCT FEATURES	All-in-One Kit IR Remote Extension Support Rackmountable EDID Compatible RS-232 Serial Extension Support Range Extension with Booster TAA Compliant HDR Support Mounting Accessory Included Power Over Cable (PoC) Support 3D Video Supported Multi-Resolution Support Consumer Electronics Control (CEC) Supported		
COLOR DEPTH	36-bit Deep color 36-bit Deep Color		
PACKAGE CONTENTS	IR adapter cable (4) Pigtail receivers 4X4 Matrix switch IR remote control External power supply (Input: 100-240V, 50/60 Hz, 1.5A; Output: 24V 2A) (4) International plug		

	adapters (Australia, Europe, U.S., U.K.) Mounting hardware RS-232 adapter Owner's manual
PRODUCT HIGHLIGHTS	Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0 Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy Power over Cable (PoC) technology provides power to receivers via Cat6 cable 1-year limited warranty (Worldwide) Switches between 4 source devices by manual push button or included IR remote Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:4:4
POWER SOURCE TYPE	AC Adapter
PORT SELECTION	Remote selector Pushbutton
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	HDMI (FEMALE)
SIDEB CONNECTOR1	RJ45 (FEMALE)
SIDEA CONNECTOR2	RJ45 (FEMALE)
VOLTAGE COMPATIBILITY (VAC)	100 VAC 110 VAC 120 VAC 125 VAC 127 VAC 200 VAC 208 VAC 220 VAC 230 VAC 240
HOST CONNECTOR	HDMI (FEMALE)
POWER SOURCE	Transmitter end only (included)
TECHNOLOGY	POC Cat5/5e HDMI Cat6
FEATURES	Flex Center

VIDEO PORTS DETAILS	• HDMI 2.0 • HDCP 2.2
CONNECTOR GROUP	HDMI RJ45
CONNECTOR	HDMI (female) RJ45 (female)
SUPPORTED RESOLUTION	1280x720 (720p) 1920x1080 (1080p) 3840x2160 (4K)
AC PLUG TYPE	BS1363 NEMA 1-15P AS/NZS 3112 CEE 7/16 Schuko
AC POWER ADAPTER CORD LENGTH	4.53 ft
NUMBER OF DISPLAYS	4
NUMBER OF MONITORS SUPPORTED	4
INCLUDED MOUNTING ACCESSORIES	Yes
MAX SUPPORTED VIDEO RESOLUTION	3840 x 2160 @ 60 Hz
RECOMMENDED CATEGORY CABLE	24 AWG Cat6 UTP Cable
MAX. DISTANCE (BETWEEN ANY 2 UNITS)	230 ft.
TRANSMISSION DISTANCE	230 ft.
MOUNTING DETAILS	Yes
LED INDICATORS	Transmitter: OUTPUT (1-4) = x4 Orange (Port is currently in use); A, B, C, D LED's = x16 Green (Indicates which output is in use); POWER = x1 Green (Unit is powered); RJ45 Power/Signal (1-4) = x4 Green (Solid when connected to power, Flashes when transmitting video). Receivers (x4): Power (x4 Green), Link Indicator (x4 Orange).
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
STORAGE TEMPERATURE RANGE	5° to 122°F (-15° to 50°C)
SIGNAL TRANSMISSION	Unidirectional
VIDEO INPUT	HDMI (FEMALE)
VIDEO OUTPUT	HDMI (FEMALE)

	RJ45 (FEMALE)
MAX 1024 X 768 RANGE (FT)	230 ft
MAX 1080I RANGE (FT)	230 ft
MAX 1440 X 900 RANGE (FT)	230 ft
MAX 1600 X 1200 RANGE (FT)	230 ft
MAX 480I RANGE (FT)	230 ft
MAX 480P RANGE (FT)	230 ft
MAX 4K UHD RANGE (FT)	230 ft
MAX 640 X 480 RANGE (FT)	230 ft
MAX 800 X 600 RANGE (FT)	230 ft
VIDEO PORTS	HDMI (FEMALE)
RECEIVER - NUMBER OF VIDEO OUTPUTS	4
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	4
MAX RESOLUTION	4K/60
EXTENDER STYLE	Box
EXTENSION METHOD	CATx
RECEIVER UNIT DIMENSIONS (HWD / IN.)	0.732 x 1.85 x 2.95
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	1.73 x 17.32 x 7.13
RECEIVER UNIT WEIGHT (LBS.)	1
TRANSMITTER UNIT WEIGHT (LBS.)	4.34
TAA COMPLIANCE	Yes
FORM FACTOR/MOUNTING OPTIONS	Box Pigtail Rackmount Tabletop Wall-mount
INPUT X OUTPUT	4 x 4

