1000 Eaton Boulevard
Cleveland, OH 44122
United States

USB-C Adapter, Triple Display - 4K 60 Hz HDMI, HDR, 4:4:4, HDCP 2.2, DP 1.4 Alt Mode, Black

MODEL NUMBER: **U444-3H-MST**







USB-C to HDMI adapter connects 3 HDMI 4K displays to the USB-C or Thunderbolt 3 port on your MacBook Pro or Windows laptop.

Features

USB-C to HDMI Adapter Connects Three 4K HDMI Displays to Your USB-C Device
This USB adapter connects three independent HDMI monitors, projectors and/or televisions to the USB-C or Thunderbolt 3 port on your MacBook Pro, Chromebook or Windows laptop. It's an ideal connector for creating video walls, giving video presentations in conference rooms and classrooms, editing multiple documents on a larger screen, or streaming video for digital signage in crystal-clear 4K.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals
By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 4K video and digital audio to HDMI monitors, televisions or projectors without installing special software drivers. ***Note****: To achieve 4K resolution, the source device should support DP 1.4 Alt Mode. When a monitor is connected to a DP 1.2 Alt Mode source, the corresponding resolution will be decreased due to bandwidth limitation. When using a Windows OS source, the maximum triple output is x1 4K/60 Hz and x2 4K/30 Hz outputs. When using a macOS source, the maximum triple output is x3 4K/60 Hz outputs.*

DisplayPort SST and MST Modes Allow Connection of Multiple Displays
By connecting the USB-C adapter to a source that supports DisplayPort Single-Stream Transport (SST) or Multi-Stream Transport (MST) mode, you may connect up to three displays simultaneously. This allows you to display the same image on all monitors, extend your host desktop across all with different windows open on each, or combine all into one large display as a video wall.

Enjoy the Clarity of True 4K Video with HDR, 4:4:4 Color and 7.1-Channel Audio
This USB to HDMI adapter supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with 7.1-channel surround sound. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This adapter also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Ready to Use Right from the Package, So You Can Plug and Play Immediately
The adapter requires no software or external power. Just connect the USB-C cable to the USB-C or Thunderbolt 3 port on a source device that supports USB DisplayPort Alternate Mode, and connect the HDMI ports to your displays with user-provided cables (such as Tripp Lite's P568-XXX-2A Series cables).

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Plays 4K video on 3 displays simultaneously for multitasking and increasing productivity
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) with 7.1-channel surround sound
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 4K video content from a Blu-ray player, game console, laptop or tablet on three 4K televisions or projectors
- Connect a Chromebook or MacBook to a conference table's A/V box to give a video presentation on large screens
- Attach three 4K monitors to your PC to allow easier multitasking
- Send Ultra HD content to digital signs or point-of-sale displays

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode (DP 1.4 Alt Mode required for some features)
- Display device(s) with HDMI input
- Multi-Stream Transport (MST) required to achieve extended displays; typically, Windows systems support MST
- Single-Stream Transport (SST) required to achieve mirrored displays; typically, Mac systems support SST

Package Includes

- U444-3H-MST USB-C Adapter, Triple Display, Black
- Quick Start Guide

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Specifications

OVERVIEW	
UPC Code	037332263797
Product Type	USB-C to HDMI Multi-Port Adapter
Technology	HDMI; USB 3.x
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	(3) HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 2.2; DisplayPort 1.4
Resolutions Supported	When used with a DP 1.4 host device with Windows OS the product supports triple output of x1 4K/60 Hz and x2 4K/30 hz video, or single/dual 4K (3840 x 2160) @ 60 Hz maximumWhen used with a DP 1.4 host device with Windows OS the product supports triple output of x3 4K/60 Hz, or single/dual 4K (3840 x 2160) @ 60 Hz maximumWhen used with a DP 1.2a host device the product supports dual output 4K (3840 x 2160) @ 30 Hz maximum
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60 Hz
Recommended Cabling	P569-Series HDMI Cabling
Extended Mode	Yes
Extended Mode Details	x3 HDMI ports support triple output 4K video:When used with a Windows OS host, supports triple 4K output (x1 4K/60 Hz and x2 4K/30 Hz) with different video output per monitor under MST ModeWhen used with a Mac OS host, supports triple 4K output (x3 4K/60 Hz) with mirrored image only under SST Mode
Mirror Mode	Yes
Mirror Mode Details	x3 HDMI ports support triple output 4K video:When used with a Windows OS host, supports triple 4K output (x1 4K/60 Hz and x2 4K/30 Hz) with different video output per monitor under MST ModeWhen used with a Mac OS host, supports triple 4K output (x3 4K/60 Hz) with mirrored image only under SST Mode
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
AUDIO	
Audio Ports	(3) HDMI (MALE)
Audio Ports Details	Supports pass-through audio function via dual HDMI outputs

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Audio Input	USB-C
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound
INPUT	
Built-In Cable Length (ft.)	0.394
Built-In Cable Length (m)	0.12
Built-In Cable Length (in.)	4.72
Built-In Cable Length (cm)	12
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	No
POWER	
USB Power Delivery (PD) Charging Support	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	N/A
PHYSICAL	
Color	Black
Material of Construction	TPE
Cable Jacket Color	Black
Cable Jacket Material	TPE
Cable Outer Diameter (OD)	4.3mm
Wire Gauge (AWG)	24 + 34
Number of Displays	3
Shipping Dimensions (hwd / in.)	0.91 x 5.51 x 3.94
Shipping Weight (lbs.)	0.14
Unit Dimensions (hwd / in.)	0.450 x 2.170 x 1.970
Unit Dimensions (hwd / cm)	1.15 x 5.51 x 5
Unit Packaging Type	Box
Unit Weight (lbs.)	0.09
Unit Weight (kg)	0.04
ENVIRONMENTAL	

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Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Operating Humidity Range	10% to 85% RH, Non Condensing
Storage Humidity Range	5% to 90% RH, Non Condensing
CONNECTIONS	
Number of Ports	3
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	(3) HDMI (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
MST Support	Yes
Multi-Resolution Support	Yes
Displayport Specification	1.4
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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