

Quick Start Guide

USB-C to DisplayPort MST Adapter (M/3xF), 8K, 4K 60 Hz, DP 1.4 Alt Mode

Model: U444-3DP-MST

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Ce manuel est disponible en français sur le site Web de Tripp Lite : tripplite.com/support

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Package Contents

- U444-3DP-MST
- Quick Start Guide

Product Features

- Connects 3 DisplayPort™ monitors to the USB-C or Thunderbolt™ 3 port on your laptop, tablet, MacBook® or Chromebook™
- Delivers 4K video to all 3 connected monitors or 8K @ 30 Hz video to one monitor
- Converts A/V signals from USB-C devices supporting DisplayPort Alt Mode with maximum 8.1 Gbps per lane (32.4 Gbps per 4 lanes)
- Supports DSC 1.2 and 6/8/10-bit color depth output with output pixel format: RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 and YCbCr 4:2:0
- Supports High Dynamic Range (HDR) for rich contrast and expanded color accuracy
- Compatible with HDCP 1.4 and 2.2 standards
- Built-in USB-C cable connects to host device in either direction for immediate no-fuss use
- Plug-and-play operation with no software required for quick, easy installation

Product Features

When Used with Windows® Host Device

- Allows connection of one display at resolutions up to 8K @ 30 Hz
- Allows connection of 2 displays (max 4K @ 60 Hz) showing different images under Multi-Stream Transport (MST) mode
- Allows connection of 3 displays (max 1x 4K @ 60 Hz + 2x 4K @ 30 Hz) showing different images under MST mode

When Used with macOS® Host Device

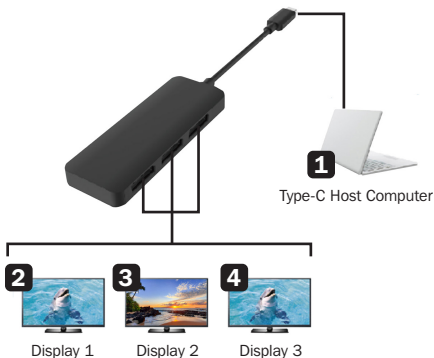
- Allows connection of one display at resolutions up to 8K @ 30 Hz
- Allows connection of up to 3 displays (max 4K @ 60 Hz) showing the same images under Single-Stream Transport (SST) mode

Notes:

- *To achieve the above resolution, the host should support DP 1.4 Alt Mode. If connected to a DP 1.2 Alt Mode host, the corresponding resolution will be decreased due to bandwidth limitation.*
- *The above resolution combination is for theoretical reference. The actual output resolution depends on the connected host and displays.*
- *When working with a 2080 graphics card, this product does not support 10-bit Deep Color.*

Connection Diagram

- 1** USB Type-C Host Computer
- 2** Display 1
Single Display: 8K @ 30 Hz (Windows and Mac)
- 3** Display 2
Dual Displays: 4K @ 60 Hz (Windows and Mac)
- 4** Display 3
Triple Displays: 1x 4K @ 60 Hz + 2x 4K @ 30 Hz (Windows), 3x 4K @ 60 Hz (Mac)



Specifications

Input/Output Connector	
Input	USB Type-C (Male)
Output	(3x) DisplayPort (Female)
DisplayPort	
Resolution	Single Display (8K @ 30 Hz) Dual Display (4K @ 60 Hz) Triple Display (4K @ 60 Hz, 2x 4K @ 30 Hz)
HDR	Yes
HDCP Version	1.4 and 2.2
Environmental	
Operating Temperature	32° to 113°F (0° to 45°C)
Operating Humidity	10 to 85% RH, Non-Condensing
Storage Temperature	14° to 158°F (-10° to 70°C)
Storage Humidity	5 to 90 % RH, Non-Condensing
Power Requirements	
Power Source	Bus Power
Standby Power Consumption	≤ 1W

Specifications

Mechanical	
Dimensions (L x W x H)	10.35 x 1.42 x 0.45 in. (26.3 x 3.6 x 1.15 cm)
Weight	0.11 lb. (51 g)
Warranty	
Limited Warranty	3-Year Limited Warranty
Regulatory Approvals	
Certifications	RoHS, REACH, CE, FCC

Warranty

3-Year Limited Warranty

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of three (3) years from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, at its sole discretion.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLIGENCE. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction.)

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application.

Product Registration

PRODUCT REGISTRATION

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* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

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Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite, they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.



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