Specifications

Environment	HDMI 1.4 (3D)
Devices	DVD/Blu-Ray, plasma, projectors, monitors, TV, PC, laptops
Transmission	Transparent to the user
Frequency	25 to 340 MHz
Signals	HDMI 1.4 protocol
Connectors	HDMI receptacle.
LEDs	Power: Green Input & Output Link: Blue
Resolution	480i to 1080p @ 50/60 FPS 1080p @ 24/50/60 FPS 3840 X 2160 @ 24/25/30 FPS VGA to UXGA
Color	8, 10 & 12 bit
Audio	LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio
HDCP	Revision 1.3
Cable	HDMI Cable
Power Supply	5VDC, 1A, P/N: BI12T-050100I
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: up to 90% non-condensing
Enclosure	Metal enclosure
Dimensions	3.50" x 2.00" x 1.00" 89 mm x 51 mm x 25 mm)
Weight	0.8 lbs (0.36 Kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	1 year
Order Information	100500 HDMI 1X2 Splitter, UHD-4K (UPC: 627699505007)

HDMI 1X2 Splitter, UHD-4K (100500)

Quick Installation Guide

Overview

The HDMI 1x2 Splitter (100500) allows one (1) HDMI source to be distributed to up to two (2) HDMI displays. The splitter supports up to 4K (3840 X 2160), 8-bit color and HD audio. The splitter is HDCP 1.3 compliant and features LED diagnostics. Additionally, all HDMI connectors are on the rear panel for neater cabling. Applications include; commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

Pre-Installation Check

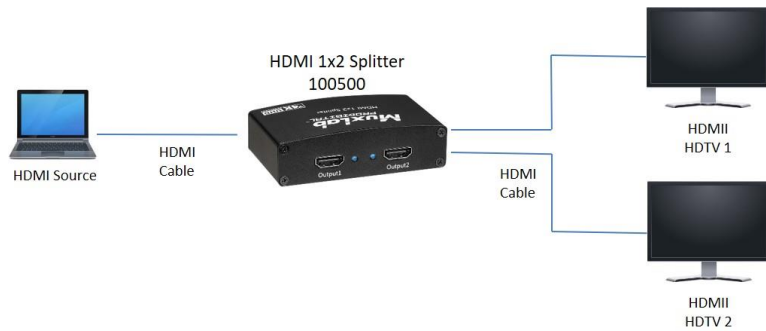Identify the connectors as indicated on the product

Installation

In order to install the HDMI 1X2 Splitter, please follow the steps below:

1. Connect the HDMI video source to the input connector of the splitter.

2. Connect the HDMI display equipment(s) to output connector of the splitter.

3. Connect the 5 VDC power supply to the splitter first, and then plug the power supply into an AC power outlet.

4. Power on the HDMI equipment and verify the image quality.

5. The following diagram shows the final configuration.

Troubleshooting

The following tables describe some of the symptoms, probable causes and possible solutions in respect to the installation of the HDMI 1X2 Splitter. If you still cannot diagnose the problem, please call MuxLab Customer Technical Support at 877-689-5228 (toll-free in North America) or (+1) 514-905-0588 (International).

Picture/ Sound	Probable Cause	Possible Solution
No Image	Wiring	Check continuity Check correct wiring
No Image	Synchronization	Power off the source and the display. Power on the devices.
Flickering Image	Synchronization	Check HDMI cable length
Choppy Sound	Synchronization	Check HDMI cable length
Noise in image	Weak signal	Check HDMI cable length
Green or pink hue	Cable	Check HDMI cables and replace.