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2/4 Port HDMI splitter and signal amplifier

ST122HDMI2 / ST124HDMI2

*actual product may vary from photos

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FC FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

ISED Statement / Déclaration d'ISDE

CAN ICES-003(A) / NMB-003(A)

This Class A digital apparatus complies with Canadian ICES-003.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

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Table of Contents

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Introduction

Packaging Contents

- 1 x HDMI Video Splitter.
- 1 x Universal Power Adapter (NA / UK / EU / AU).
- Mounting Hardware and Screws (only applies to ST124HDMI2).
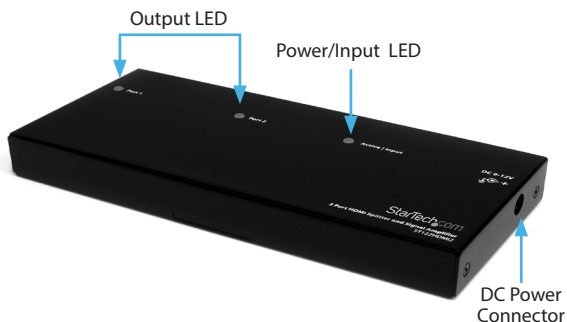- 1 x Installation Guide.

System Requirements

- 2 (ST122HDMI2) / 4 (ST124HDMI2) HDMI enabled display devices (e.g. monitor, HDTV, Etc.) with HDMI cabling.
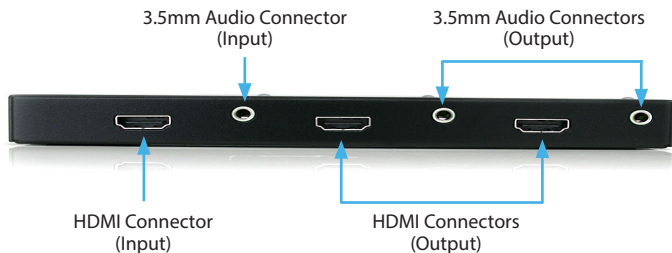- HDMI-enabled video source (e.g. computer, Blu-ray, PVR/DVR, Etc.) with HDMI cabling.

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Product Diagram

ST122HDMI2

Front View

Output LED

Power/Input LED

DC Power Connector

Rear View

3.5mm Audio Connector (Input)

3.5mm Audio Connectors (Output)

HDMI Connector (Input)

HDMI Connectors (Output)

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ST124HDMI2

Front View

Output Signal LED

Power/Input Signal LED

3.5mm Audio (Input)

3.5mm Audio (Output)

DC Power Connector

HDMI Connector (Input)

HDMI Connectors (Output)

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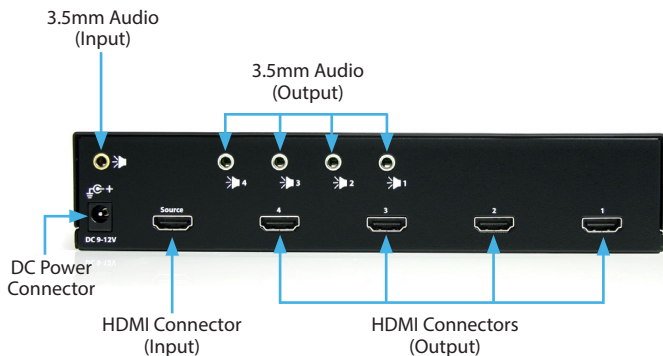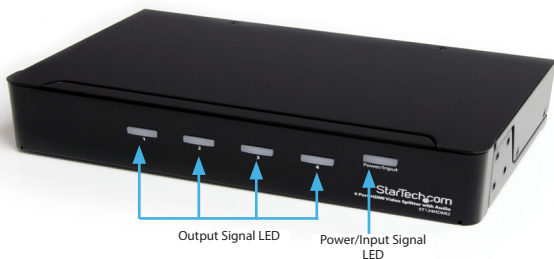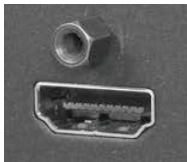
(Optional ST124HDMI) Locking Connection Installation

Some models of the ST124HDMI2 include hex jack screws for each HDMI port to include support for screw lock HDMI cables. If any of the HDMI cables in your application support the screw locking feature, it is recommended that you install the hex jack above the corresponding HDMI port.

Note: Some device models manufactured prior to May 2014 do not include hex screws or the necessary hex screw mounting hardware.

Installation Instructions

Note: Before you begin installation please ensure your displays and the video source device are turned off.

1. Connect an HDMI cable (not included) from each of the video display devices (e.g. monitor, HDTV, Etc.) to the numbered output HDMI connectors on the video splitter.

NOTES:

• **If you have installed the hex jack screw for a locking HDMI cable, please ensure you lock the cable into place by screwing the thumb screw into the hex jack.**

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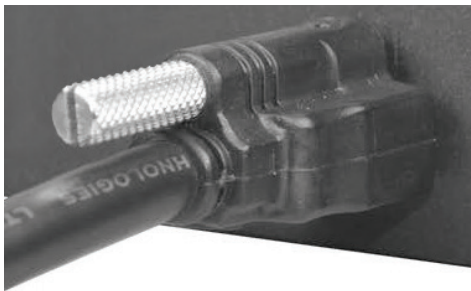
• Port 1 is the primary output so EDID information will be copied from there. The capabilities of the display on Port 1 will be applied to all other ports so be careful not to exceed the resolution capabilities of the other displays.

2. (optional) If connecting audio separately from HDMI, connect speakers to the corresponding 3.5mm audio outputs.

3. Connect an HDMI cable (not included) from the video source device (e.g. computer, PVR/DVR, etc.) to the 'SOURCE' input HDMI connector on the video splitter.

4. If connecting audio separately from HDMI, connect the audio source to the 3.5mm audio connector input.

5. Connect the included power adapter to the video splitter.

6. Turn on the display devices, followed by the video source. The video output should be displayed on all connected display devices.

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Specifications

	ST122HDMI2	ST124HDMI2
Number of Ports	2	4
Video Signal	High Speed HDMI (1.3)	
Connectors	1 x HDMI female (input) 2 x HDMI female (output) 1 x 3.5mm Audio (input) 2 x 3.5mm Audio (output) 1 x DC Power	1 x HDMI female (input) 4 x HDMI female (output) 1 x 3.5mm Audio (input) 4 x 3.5mm Audio (output) 1 x DC Power
LEDs	1 x Power/Signal Input 2 x Signal Output	1 x Power/Signal Input 4 x Signal Output
Max. Resolution	1920x1200 / 1080p	
Max. Cable Length	15 Meters	
Audio Support	Yes	
EDID Support	Yes	
Power Adapter	9~12VDC, 1500mA, center positive	
Enclosure Material	Metal	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)	
Storage Temp.	-10°C ~ 60°C (14°F ~ 140°F)	
Humidity	0% ~ 80%	
Dimensions	180mm x 80mm x 19mm	220mm x 135mm x 44mm
Weight	500 g	1074 g

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For the latest drivers/software, please visit **www.startech.com/downloads**

# Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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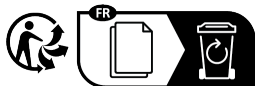
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