

# HDMI Distribution Amplifier

## Multi-port HDMI Distribution Amplifier with HDCP

ST122HDMI  
ST124HDMI  
ST128HDMI

Instruction Manual



Actual product may vary from photo

**CONVERGE**AV

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## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## **Introduction**

Thank for purchasing a StarTech.com HDMI Distribution Amplifier with HDCP. With support for HDTV resolutions of up to 1080p, this device offers the perfect solution for distributing your high-definition signal to multiple displays, all from a single video source.

## **Features**

- Distribute an HDMI signal to 2, 4 or 8 displays without any degradation or loss of signal quality
- Supports VGA to UXGA PC resolutions
- Supports 480p to 1080p HDTV resolutions
- Can be cascaded up to three levels
- HDMI 1.1 and HDCP 1.1 compliant

## **Before You Begin**

### **System Requirements**

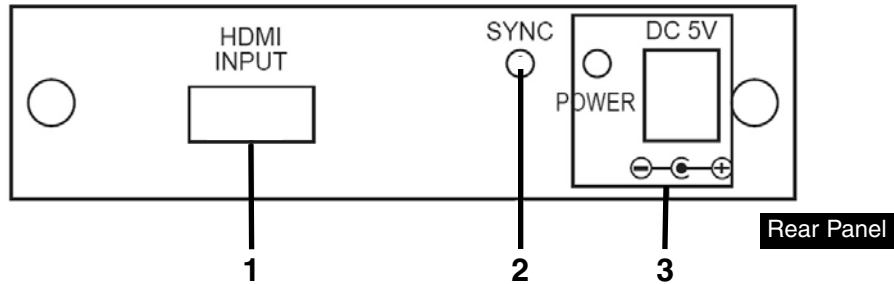
- An HDMI Video Source
- An available power outlet
- HDMI Cable (1 per connection from Distribution Amp to each display)

### **Contents**

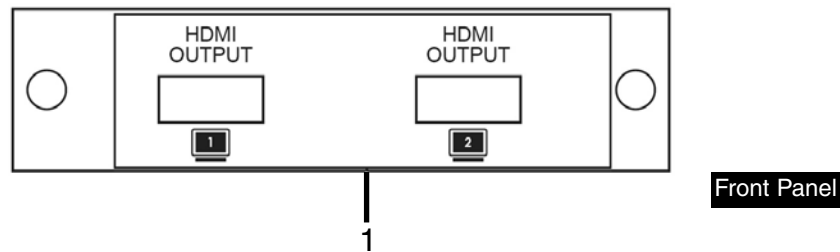
This package should contain:

- 1 x HDMI Distribution Amplifier
- 1 x Instruction Manual
- 1 x Power Adapter

## Operation Controls and Functions - ST122HDMI

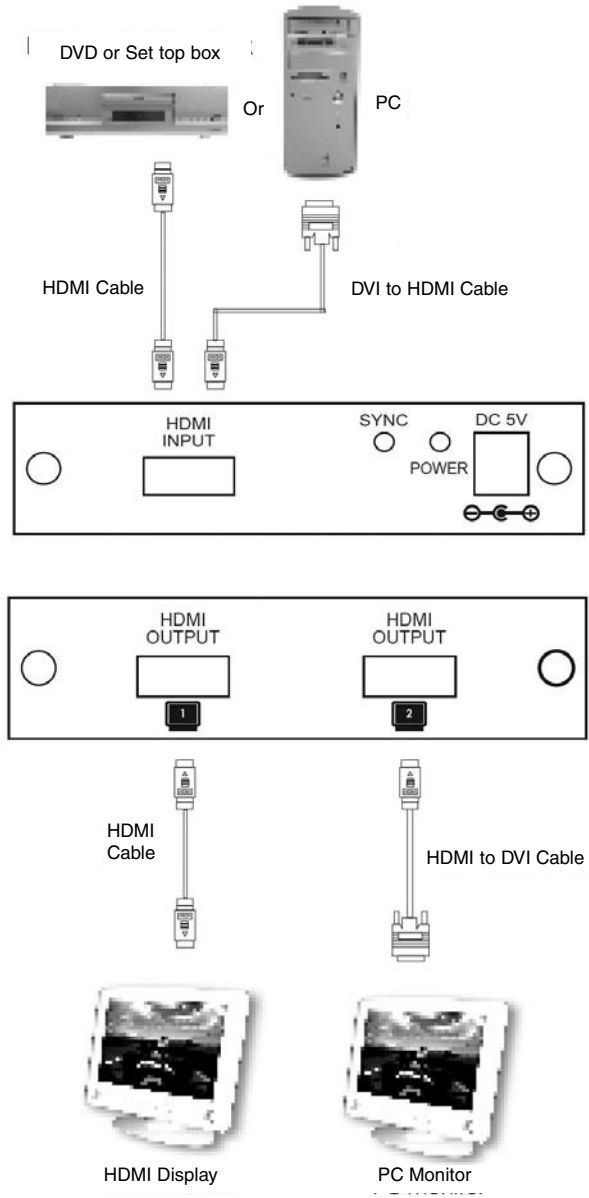


1. HDMI input: Connect to the HDMI or DVI output of your source equipment (i.e. DVD player or set-top-box)
2. Sync LED: The LED will illuminate when the HDMI source signal is connected to the input.
3. Power Input: Plug the supplied 5VDC power supply into the unit. The LED will illuminate when connected.

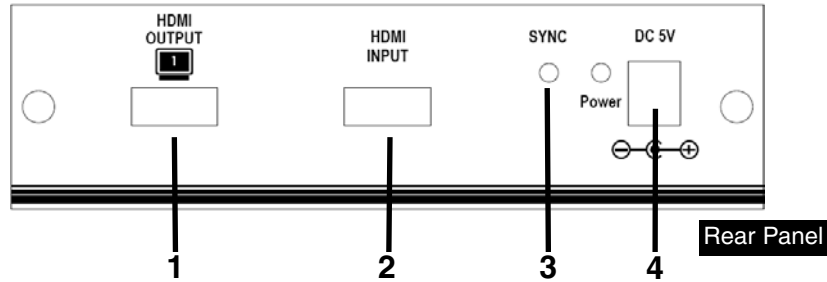


1. **HDMI Output(s) 1 & 2** : Connect each of these output ports to the HDMI input of an HDMI display.

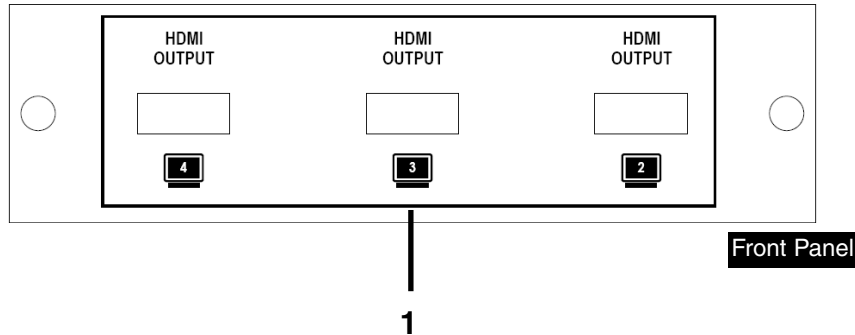
## Connection and Installation - ST122HDMI



## Operation Controls and Functions - ST124HDMI

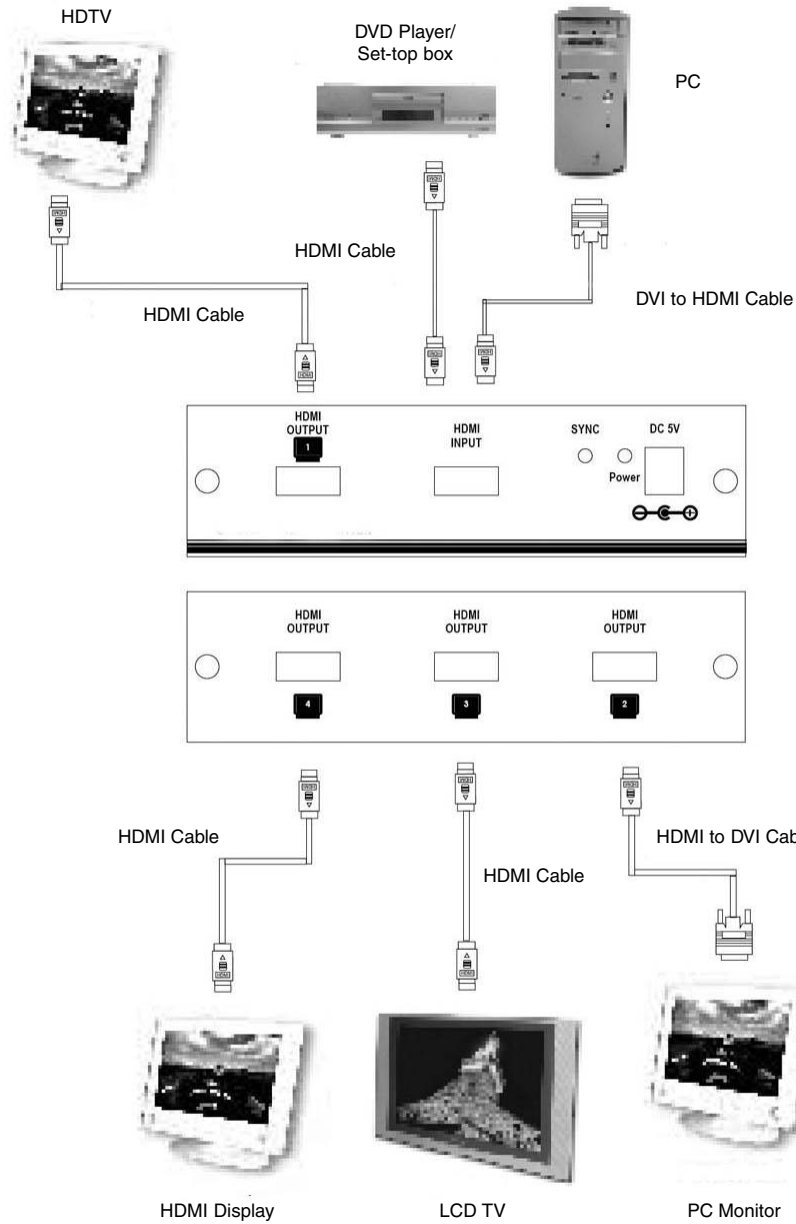


1. **HDMI Output 1** : Connect to the HDMI input of your first display.
2. **HDMI Input**: Connect to the HDMI or DVI output of your source equipment such as DVD player or set-top box.
3. **Sync Led**: The LED will illuminate when the HDMI source signal is connected to the input.
4. **Power Input**: Plug the supplied 5VDC power supply into the unit. The LED will illuminate when connected.



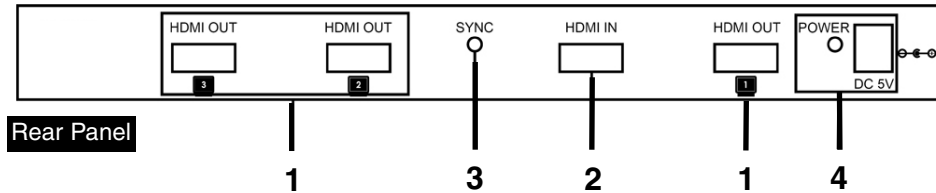
1. **HDMI Outputs 2/3/4**: Connect each of these output ports to the HDMI input of an HDMI display

## Connection and Installation - ST124HDMI

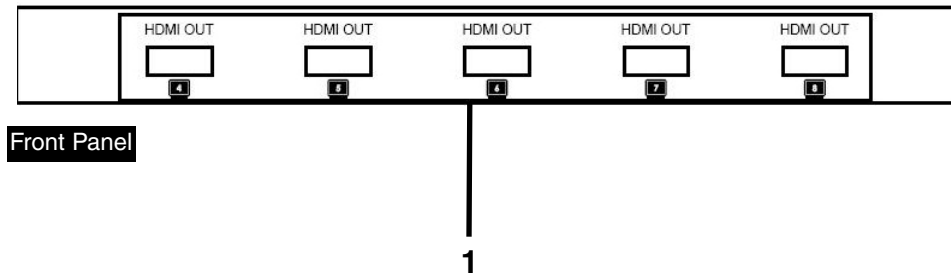




## Operation Controls and Functions - ST128HDMI

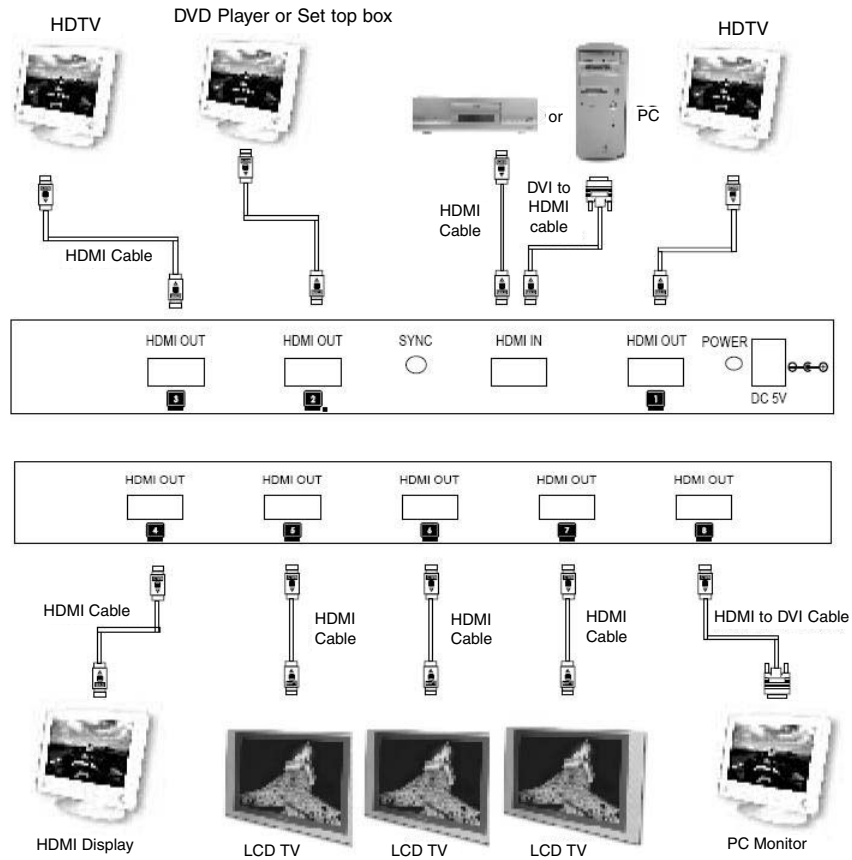


1. **HDMI Output 1, 2, 3:** Connect to the HDMI input of your displays
2. **HDMI Input:** Connect to the HDMI or DVI output of your source equipment such as DVD player or set-top box.
3. **Sync Led:** The LED will illuminate when the HDMI source signal is connected to the input.
4. **Power Input:** Plug the supplied 5VDC power supply into the unit. The LED will illuminate when connected.



1. **HDMI Outputs 4, 5, 6, 7, 8:** Connect each of these output ports to the HDMI input of an HDMI display

## Connection and Installation - ST128HDMI



## Specifications

<b>Frequency bandwidth</b>	1.65Gbps(single link)
<b>Input/Output</b>	<p><b>ST124HDMI:</b> 1-in/2-out HDMI female port/Power consumption: 6W Max</p> <p><b>ST124HDMI:</b> 1-in/4-out HDMI female port/Power consumption: 6W Max</p> <p><b>ST128HDMI:</b> 1-in/8-out HDMI female port/Power consumption: 6W Max</p>
<b>Power Supply</b>	5V DC (universal)
<b>Operating Temperature</b>	0 ~ 70°C
<b>Operating Humidity</b>	30 to 80% RH
<b>Dimensions</b>	<p><b>ST122HDMI:</b> 102(W) x92(D) x 25(H)mm (4 x 3.6 x 1.4")</p> <p><b>ST124HDMI:</b> 102(W) x141(D) x 38(H)mm (4 x 5.6 x 1.5")</p> <p><b>ST128HDMI:</b> 240(W) x103(D) x 24(H)mm (9.45 x 4.06 x .94")</p>
<b>Weight</b>	<p><b>ST122HDMI:</b> 220g</p> <p><b>ST124HDMI:</b> 550g</p> <p><b>ST128HDMI:</b> 1kg</p>
<b>Regulatory Certifications</b>	FCC, CE, ROHS, WEEE

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