

# ***1x4 HDMI Distribution Amplifier***

*Operation Manual*

**CHDMI-4**



## Introduction

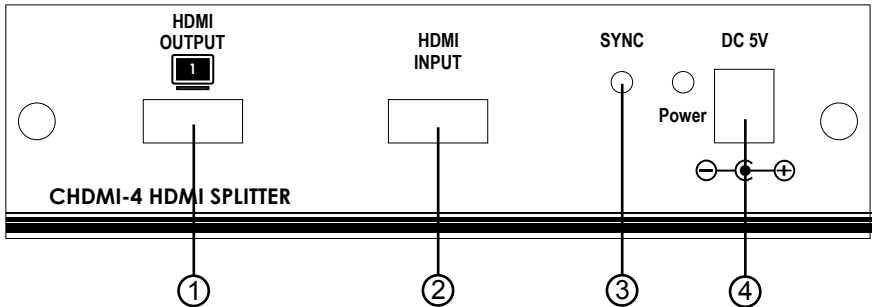
**Cypress CHDMI-4** is a high performance HDMI distribution amplifier. It allows one HDMI source to connect up to 4 HDMI displays simultaneously.

## Features

1. Built-in EDID and HDCP keyset allows each output to work independently in connecting to a HDMI display.
2. Splits a HDMI source up to 4 outputs without loss.
3. Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- 4 Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth 165MHz.
5. Can be cascaded up to 3 layers.
6. Each of the buffered output can run up to 15 meters@1600x1200.

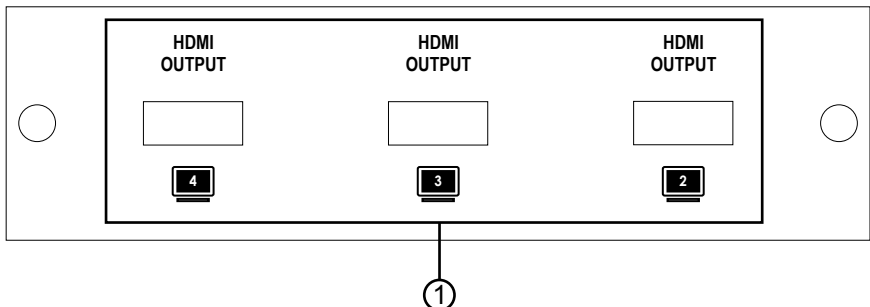
## Operation Controls and Functions

### Front Panel



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.

### Rear Panel



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

## Specifications:

- **Frequency bandwidth:** 1.65Gbps(single link)
- **Input/Output:**  
1-in/4-out HDMI female port/Power consumption: 6W Max
- **5VDC universal power supply**
- **Operating temperature range:** 0 ° ~ 70 °C
- **Operating humidity range:** 30 to 80% RH
- **Dimensions:** 102(W) x141(D) x 38(H)mm
- **Weight:** 550g

## Connection and Installation

