

1x4 HDMI Distribution Amplifier

Operation Manual

CHDMI-4



Introduction

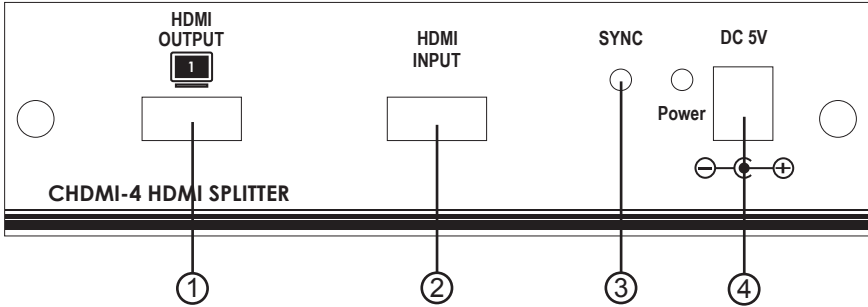
Cypress CHDMI-4 is a high performance HDMI distribution amplifier. It allows one HDMI source to connect up to 4 HDMI displays simultaneously.

Features

1. Built-in EDID simulator 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, or more if using high quality cable.
6. Each of the buffered output can run up to 12 meters @1600x1200.

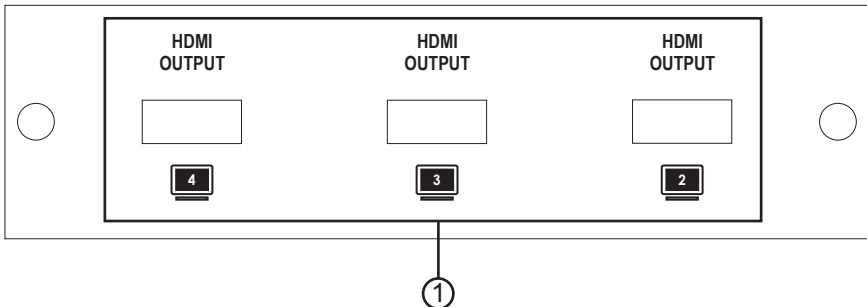
Operation Controls and Functions

Front Panel



1. HDMI output 1: Connects to the HDMI input of your first display.
2. HDMI input: Connects 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 and is detected by the unit.
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: Connects 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 ° ~ 40 ° C
- **Operating humidity range:** 30 to 80% RH
- **Dimensions:** 102(W) x141(D) x 38(H)mm
- **Weight:** 550g

Connection and Installation

