1x2 HDMI Distribution Amplifier
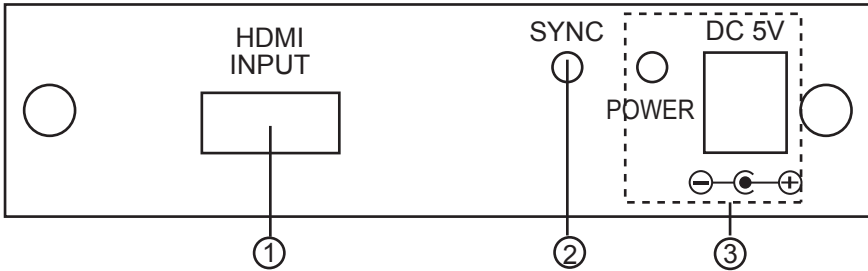
Operation Manual

CHDMI-2

Introduction
Cypress CHDMI-2 is a high performance HDMI distribution amplifier.
It allows one HDMI source to connect up to 2 HDMI displays simultaneously.

Features
1. Built-in EDID simulator and HDCP keyset allows each output to work independently when connecting to a HDMI display.
2. Splits a HDMI source up to 2 outputs without signal 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.
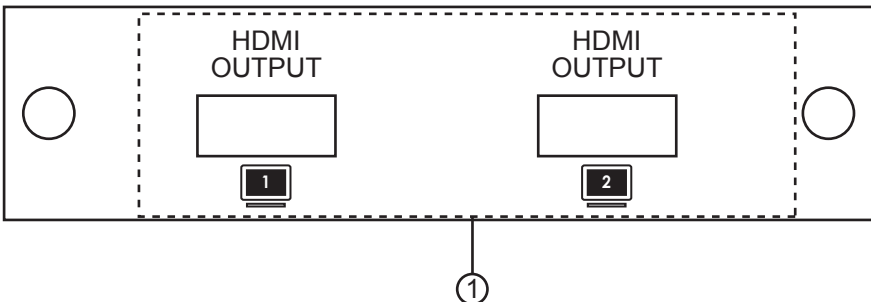6. Each of the buffered output can run up to 15 meters@1600x1200.

Operation Controls and Functions
Front Panel

1. HDMI input: Connects to the HDMI or DVI output of your source equipment such as DVD player or Set-Top-Box.
2. Sync LED: The LED will illuminate when the HDMI source signal is connected to the input and is detected by the unit.
3. Power input: Plug the supplied 5VDC power supply into the unit. The LED will illuminate when connected.

Rear Panel

1. HDMI output 1/2 : 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/2-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 (mm):** 102(W) x92(D) x 25(H)
- **Weight (g):** 220

Connection and Installation

DVD or Set-Top-Box

or   PC

HDMI
Cable

DVI to
HDMI
Cable

HDMI INPUT		SYNC	DC 5V
		POWER	

HDMI OUTPUT	HDMI OUTPUT
1	2

HDMI
Cable

HDMI to DVI Cable

HDMI display

PC Monitor