

# ***1x8 HDMI Distribution Amplifier***

*Operation Manual*

**CHDMI-18C**



## Introduction

**Cypress CHDMI-18C** is a high performance HDMI distribution amplifier, Full HD 1080P supported with 25m output range.

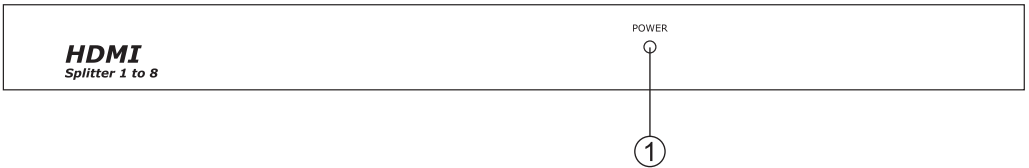
It allows one HDMI source to connect up to 8 HDMI displays simultaneously.

## 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 8 outputs without signal loss.
3. Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
4. Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth is 165MHz.
5. Provides multi-channel I<sup>2</sup>S digital audio output, with sampling rate up to 192KHz.
6. Supports both compressed and uncompressed multi-channel audio.

## Operation Controls and Functions

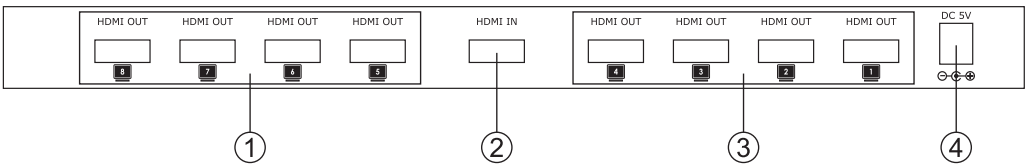
### Front Panel



#### 1. Power LED indicator:

The LED will illuminate when the power is connected.

### Rear Panel



#### 1. HDMI outputs 5/6/7/8:

Connect each of the output ports to the HDMI input of a HDMI display.

#### 2. HDMI input:

Connect to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

#### 3. HDMI outputs 1/2/3/4:

Connect each of these output ports to the HDMI input of a HDMI display.

#### 4. Power:

Plug the 5V DC power supply into the CHDMI-18C and connect the adaptor to AC wall outlet.

# Specifications

- \* Frequency bandwidth: 1.65Gbps(single link)
- \* Input/Output: 1-in/8-out HDMI female ports
- \* 5VDC power supply
- \* Operating temperature range: 0° ~ 70° C
- \* Dimensions: 300(W) x104(D) x 25(H)mm
- \* Weight: 906g

# Connection and Installation

