

# *1 x 8 HDMI V1.2 Splitter with CEC and Multi-Channels*

*Operation Manual*



## Introduction

**CHDMI-8M** is a high performance 1 to 8 HDMI distribution amplifier supporting multi-channel audio by-pass and CEC\* function. It allows one HDMI source to connect up to 8 HDMI displays simultaneously.

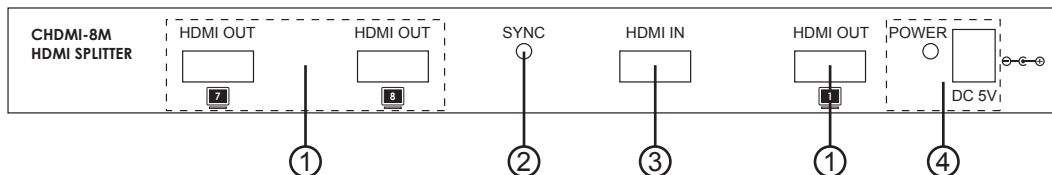
\* **CEC:** Consumer Electronics Control. This technology is meant to carry IR/remote and/or control commands between HDMI devices that are interconnected. An HDMI distribution amplifier with CEC feature allows the user to command and control multiple CEC-enabled devices connected with one remote control, and provides channel for each individual CEC-enabled devices to command and control each other, without user intervention.

## 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 8 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.
5. Can be cascaded up to a minimum of 3 layers, or more layers depending on the quality of your cable.
6. Each of the buffered output can run up to 25 meters @ 1080p or 1600x1200.
7. Accepts multi-channel of uncompressed LPCM (Linear pulse code modulation) or compressed audio signals input from the source device, and distribute to each HDMI output port independently without signal loss.
8. Accepts CEC commands from each display and control other display, communicating through CEC channel. Only CEC-enabled display will be benefited by this feature.

## Operation Controls and Functions

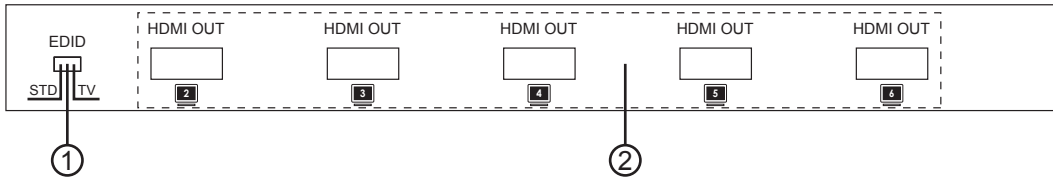
### Front Panel



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

# Operation Controls and Functions

## Rear Panel



1. EDID Control Switcher: Default factory setting sets to TV, leave as is if all connected displays work properly. Switch to STD if some displays have problem showing picture.
2. HDMI output: Connect each of these output ports to the HDMI input of a HDMI display.

## Specifications:

- **Input port** : 1 x HDMI female port
- **Output ports** : 8 x HDMI female port
- **Power Supply** : 5V/3.2A DC (US/EU standards, CE/FCC/UL certified)
- **Dimensions (mm)** : 240(W) x103(D) x 24(H)
- **Weight (g)** : 1000
- **Chassis Material** : Metal
- **Silk Skin Color** : Black
- **Operating temperature range** : 0° ~ 40° C

# Connection and Installation

