

# HDMI 1 In x 16 Out 4Kx2K Splitter # 15215



**Operation Manual**

## Introduction

This high performance 1 by 16 HDMI splitter distributes one HDMI input to up to sixteen simultaneous HDMI outputs and supports 4K×2K, 3D, 12-bit Deep Color as well as High Definition Lossless Audio. With its 3Gbps bandwidth it supports the latest HDMI standards so you can be sure of superior HDMI distribution

## Applications

- Simultaneously display one HDMI source on 16 displays
- Showroom display
- University lecture hall display
- Retail sales display

## Features

- HDMI and DVI compatible
- Fully HDCP compliant
- Supports 3D
- Supports HDTV resolutions up to 4K×2K@30 Hz
- Supports PC Resolutions of VGA to WUXGA
- Supports 1080p@60 Hz, Deep Color 12-bit
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Supports HDMI cable distances of up to 10m input and 10m output (8/12-bit)

**Note:** When displaying a 3D signal with a higher bandwidth than 225 MHz or a 4K×2K resolution source, a High Speed HDMI cable is required.

## System

### Requirements

- HDMI equipped source device such as a DVD/Blu-ray player with HDMI or DVI to HDMI cable
- HDMI equipped displays (HDTVs or projectors) or AV Receivers with HDMI cables



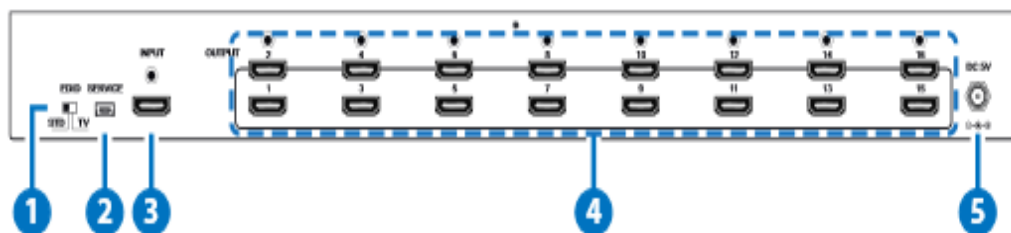
## Operation Controls and Functions

### Front Panel



- 1. POWER LED:** The power LED will illuminate when the unit is powered.
- 2. SYNC LED:** The LED will illuminate when the HDMI source signal is connected to the input port.

### Rear Panel



- 1. EDID STD/TV:** The default factory setting is TV, when in this mode, the unit will detect the first HDMI output device's EDID settings and record them in the unit's memory. If there are any audio or video issues then switch the unit to STD (Standard) mode and power cycle it, the unit will be configured as standard stereo (PCM) Audio and initiate a search for a common compatible video resolution.
- 2. SERVICE:** Manufacturer use only.
- 3. HDMI INPUT:** Connect the input port to the HDMI or DVI output of your source equipment such as DVD player or set-top box.
- 4. HDMI OUTPUTS (1~16):** Connect each of the output ports to an HDMI display for simultaneous HDMI distribution.
- 5. DC 5V:** Connect the 5V DC power supply into the splitter and Plug the adaptor to AC wall outlet.

## Specifications

<b>Video Bandwidth</b>	340MHz/10.2Gbps
<b>Input Port</b>	1×HDMI (Female connector), 1×USB (Manufacturer use only)
<b>Output Ports</b>	16×HDMI (Female connector)
<b>Output Resolutions</b>	480i~1080p@50/60, 1080p@24/50/60, VGA~UXGA, Ultra HD (4K×2K@30)
<b>ESD Protection</b>	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)
<b>Dimensions</b>	436 mm (W)×26 mm (D)×48 mm (H)
<b>Weight</b>	1664 g
<b>Chassis Material</b>	Metal
<b>Color</b>	Black
<b>Operating Temperature</b>	0 °C~40 °C/32 °F~104 °F
<b>Storage Temperature</b>	-20 °C~60 °C/-4 °F~140 °F
<b>Relative Humidity</b>	20~90% RH (non-condensing)
<b>Power Consumption</b>	15.8 W

# Connection Diagram

