

# **USER MANUAL**

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## **HDMI 2.0 1x16 Splitter**

Enjoy the vivid world

## Introduction

The 1x16 HDMI 2.0 Splitter uses a single HDMI source, accessing to multiple HDMI sinks. It allows one HDMI device to be split easily to sixteen HDMI compatible monitors or projectors. The Splitter can also be placed at the end of a long HDMI cable to regenerate the HDMI signal. Resolution up to 3840X2160/60Hz.



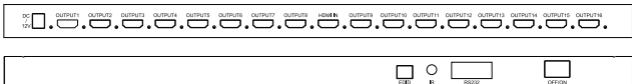
## Features

- \* Support HDMI 2.0
- \* Support 3D video format
- \* Supports HDR
- \* Resolution up to 3840x2160/60Hz
- \* Support 6Gbps data rate for TMDS clock up to 600MHz
- \* Support deep color 8/10/12bit
- \* Support AWG26 HDMI standard cable:
  - when the resolution is 1080p and below, input up to 10 meters, output up to 15 meters.
  - when the resolution is 4K/30Hz, input up to 5 meters, output up to 10 meters.
- \* Support displaying single source, multi-output high-definition signal source from DVD player A / V receiver, set-top box
- \* Need DC 12V/3A power adapter

## Specifications

HDMI version .....	HDMI 2.0
HDMI resolution .....	up to 3840*2160/60Hz
Support video color format .....	deep color 8/10/12bit
Support audio format .....	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max bandwidth .....	600MHz
Max transmission bandwidth .....	6Gbps
Input cable distance .....	(1080p resolution) ≤10m,(4K resolution)≤5m AWG26 HDMI standard cable
Output cable distance .....	(1080p resolution) ≤15m,(4K resolution)≤10m AWG26 HDMI standard cable
HDMI input .....	1
HDMI output .....	16
Max working current .....	1.15A
Power adapter format .....	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC12V/3A
Operating Temperature range .....	(-15 to +55 °C)
Operating Humidity range .....	5 to 90%RH (No Condensation)
Dimension (L x W x H) .....	482x105x25 (mm)
Weight .....	1.54kg

## Physical interface diagram



## Operating and Connecting :

- 1.Connect 1 HDMI cable from HDMI source devices into HDMI Splitter input.
- 2.Connect 16 HDMI cables from each displays (monitors or projectors) into the HDMI Splitter outputs.
- 3.Connect 12V/3A power adapter supply to the HDMI Splitter 1x16.



## EDID setting

1	2	3	4	
X	0	0	0	Copy EDID from Output 1
X	0	0	1	EDID Mixed Output(1-8)
X	0	1	0	4k60, 3840x2160, 60Hz, RGB, 8bit. 7.1Channel audio, 24-bit, 192Khz, DTS audio and Dolby Digital
X	0	1	1	4k30, 3840x2160, 30Hz, 4:4:4, 8bit. 2Channel, 24-bit, 48Khz
X	1	0	0	4k60, 3840x2160, 60Hz, 4:4:4, 8bit. 2Channel, 24-bit, 48Khz
X	1	0	1	1080p 3D 2ch, 1920x1080, 60Hz, 4:4:4, 8bit. 2Channel, 24-bit, 48Khz
X	1	1	0	1080p 2D 2ch, 1920x1080, 60Hz, 4:4:4, 8bit. 2Channel, 24-bit, 48Khz
X	1	1	1	1080p 2D 5.1ch, 1920x1080, 60Hz, 4:4:4, 8bit. 6Channel, 24-bit, 48Khz

## Application scene



market



TV store



teaching

## The Package includes

- |                         |      |
|-------------------------|------|
| 1. HDMI splitter 1X16   | 1PCS |
| 2. 12V/3A power adapter | 1PCS |
| 3. User Manual          | 1PCS |