

## 18GBps Bandwidth 8 Way HDMI Splitter

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# Operating Instructions



## Features

- HDMI 2.0b, HDCP 2.2 compliant
- Supports 18Gbps bandwidth
- Supports resolution up to 4K@60Hz 4:4:4
- Supports HDR function
- Supports COPY/AUTO EDID control via dialling the DIP switch
- Compact design for easy and flexible installation

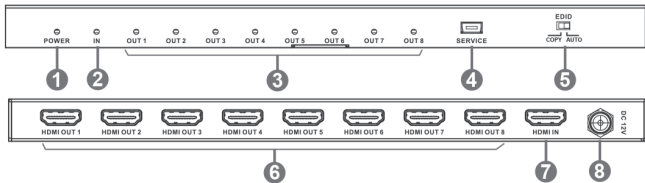
## Overview

This splitter allows the connection of multiple HDMI displays to a single HDMI source with no loss of signal quality. This splitter is ideally used for conference centres, sports bars, concerts, board rooms and other distributed AV applications where multiple displays are required.

## Specifications

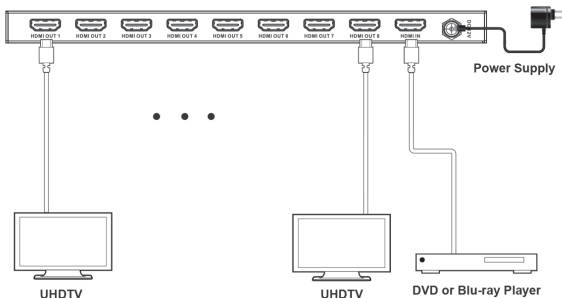
<b>Technical</b>	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/18Gbps
Video Resolution	480i ~1080p50/60Hz, 4K2K@30Hz, 4K2K@60Hz
HDMI Audio Formats	PCM 2CH, LPCM 7.1/5.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos and DTS:X
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)
<b>Connection</b>	
Input Ports	1×HDMI Type A (19-pin female) 1×SERVICE (Micro USB, Update port)
Output Ports	8×HDMI Type A (19-pin female)
<b>Mechanical</b>	
Housing	Metal Enclosure
Silkscreen Colour	Black
Dimensions	243W × 102D × 16Hmm
Weight	572g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/1A
Power Consumption	6.15W
Operation Temperature	-10°C to 50°C
Storage Temperature	-20°C ~ 60°C
Relative Humidity	20~90% RH (non-condensing)

## Operation Controls and Functions



Number	Name	Function description
1	POWER LED	This blue LED will illuminate when the device connects power supply.
2	IN LED	This blue LED will illuminate when HDMI IN port connects an active source device.
3	OUT LED	These blue LEDs will illuminate when HDMI OUT ports connects an active display device.
4	SERVICE	Firmware update use only.
5	EDID COPY	When dial switch is dialled the 'COPY' position, the unit will read the EDID setting of the HDMI OUT 1 display device to source device, the source device will send again matching the OUT 1 display device signal to all HDMI outputs. If no HDMI OUT 1 capable EDID is detected then the unit will read the EDID setting of the HDMI OUT 2 display device to source device...etc. The priority order is OUT 1 to OUT 8.
	EDID AUTO	When dial switch is dialled the 'AUTO' position, the unit will compare the EDID setting of the HDMI OUT 1~8 port displays device then send the best EDID signal to source device, the source device will send again matching the display device signal to all outputs.
6	HDMI OUT 1~8	Connect to the HDMI display devices such as TVs or Monitors with an HDMI cable.
7	HDMI IN	Connect to the HDMI source device such as DVD player or set-top box with an HDMI cable.
8	DC 12V	Plug the DC 12V power supply into the unit and connect the adaptor to an AC outlet.

## Application Diagram



## Frequently Asked Questions

### Question 1: Where is this product usually used?

*It can be used in many place such as Entertainment Room, Home Theater, Lecture Room, Hall Presentation, Show Room, Demo Room, Public Commercial Display etc.*

### Question 2: Which input source and output devices can this product connect to?

*Input source devices such as Blu-ray / DVD / PS3 / PS4 player or Set-Top-Box with HDCP2.2 source etc. Output with HDMI TV / Display or audio amplifier etc.*

### Question 3: Does this product require an HDMI line length for the connection interface?

*According to HDMI line length test, 4K2K@60Hz / 8 bit YUV 4:4:4 is the longest line length up to 3m, 4K2K@30Hz / 8-bit is the longest line length up to 10m, 1080p@60Hz / 8-bit is the longest line length up to 15m. The use of "Premium High Speed HDMI" cable is highly recommended.*



## A 3136D 18Gbps 8 way HDMI Splitter

Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty.

During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your **PLACE OF PURCHASE**.

If this item was purchased directly from Altronics please make a warranty claim by:

**1. FOR MAIL ORDER CUSTOMERS (includes school and trade orders),**

- a) Calling your nearest store location and quoting your tax invoice number.
- b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation). As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customers expense.
- c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the goods to effect the repair.
- d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.
- e) Please quote the R.A. number in any correspondence to us.

**2. FOR OVER THE COUNTER PURCHASES to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).**

- a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.
- b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.

It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products.

Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorised Altronics service centre, as this will invalidate the warranty!

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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