

18Gbps 3 Way HDMI Switcher

Operating Instructions



Features

- Support 18Gbps video bandwidth
- HDR, HDR10, Dolby Vision and HLG are supported
- Support video resolution up to 4K@50/60Hz YCbCr 4:4:4
- Support 3D video format
- Low power consumption
- Support IR remote control and panel button control
- Compact design for easy and flexible installation

Package Contents

- 1× HDMI 3×1 Switcher
- 1× IR Receiver Cable
- 1× 5V USB Power Cable
- 1× Remote Control
- 1× User Manual

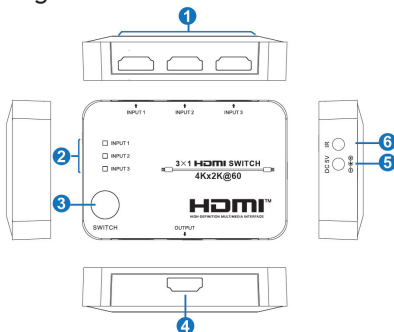
Overview

This 18Gbps 3 way HDMI Switcher can switch up to 3 HDMI sources to 1 HDMI display. Supported video resolution is up to 4K@50/60Hz YCb-Cr 4:4:4. The product supports HDR, HDR10, Dolby Vision and HLG. It supports 3D video formats. It can be controlled by the panel button and IR remote control.

Specifications

Technical	
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4k@60Hz
Color Depth	8-bit (4K60Hz)
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:4:4
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS 5.1, Dolby True HD, DTS-HD Master Audio
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input Ports	3×HDMI Type A (19-pin female) 1×IR IN [3.5mm Stereo Mini-jack]
Output Ports	1×HDMI Type A (19-pin female)
Mechanical	
Housing	Plastic Enclosure
Silkscreen Colour	Black
Dimensions (W) × (D) × (H)	87 × 59.5 × 19mm
Weight	60g
Power Supply	Input: 5V/1A
Power Consumption	1.5W
Operation Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Relative Humidity	20~90% RH (non-condensing)

Switcher Diagram



1. HDMI INPUT (1/2/3): Connect to HDMI source devices such as DVD player or game console with a HDMI cable.
2. INPUT 1/2/3 LED: The corresponding LED will illuminate when the HDMI input port connects an active source device.
3. SWITCH button: Press this button to switch HDMI source signal for the HDMI OUTPUT
4. HDMI OUTPUT: Connect to one HDMI display device such as HDTV or Monitor with an HDMI cable.
5. 5V DC: 5V DC power input interface.
6. IR IN: Connect IR Receiver cable to receive the remote control signal.

Remote Control Diagram



IN1/IN2/IN3: Press IN1/IN2/IN3 button to switch HDMI source signal to output display, and the corresponding LED will illuminate.



: Press this button to cyclically select input source to output display.

A 3087C 18Gbps 3 way HDMI Switcher

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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