

CT-HDVD-5X1-MINI User Manual





Safety

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1.0 Introduction

The 4K HDMI 5 Port Switch can switch any of the 5 HDMI sources to 1 HDMI display. Supported video resolution up to 4K2K@50/ 60Hz YCbCr 4:4:4. This product supports HDR, HDR10, Dolby Vision and HLG. It supports all 3D video formats. Boasting a low power consumption and small form factor, this device can be controlled via the front panel button or remote control included in the box. Fully supports HDCP content protection pass-through.

2.0 Features

- HDCP 2.2/1.x and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- HDR, HDR10, Dolby Vision and HLG are supported
- Support video resolution up to 4K2K@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

3.0 Package Content

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1 x HDMI 5 x1 Switcher
- 1 x IR Receiver Cable
- 1 x 5V USB Power Cable
- 1 x Remote Control
- 1 x User Manual

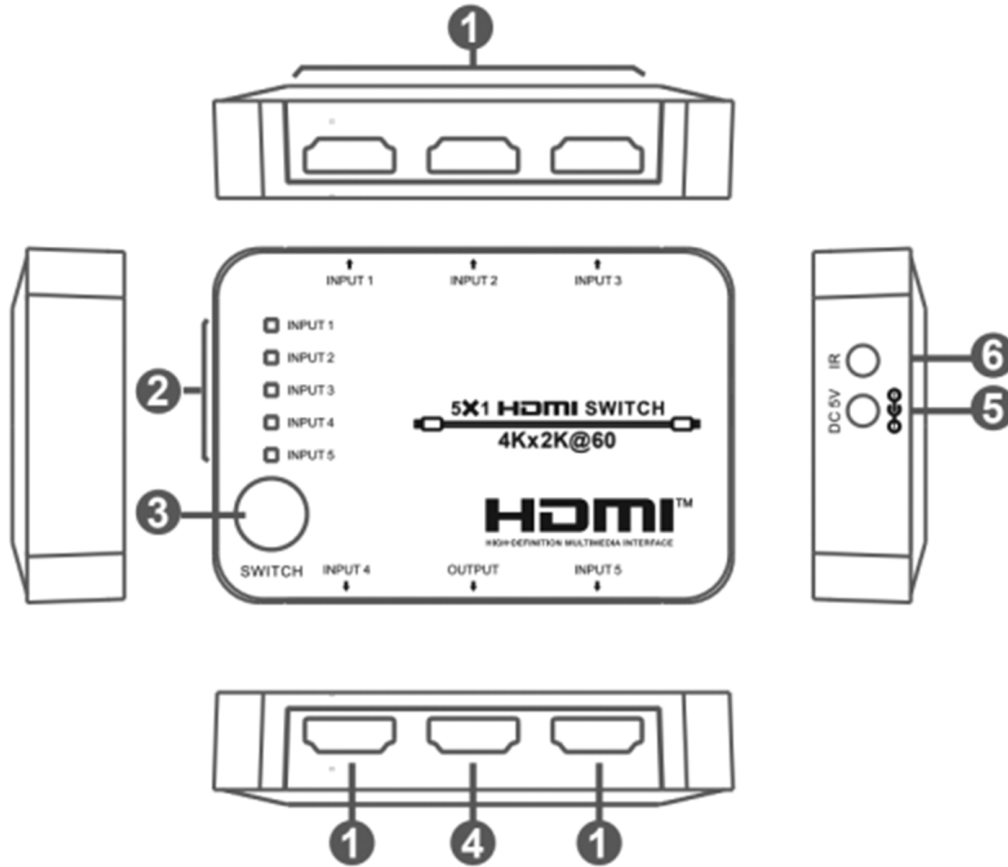
4.0 Specifications

Technical	
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4k2k@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	5 x HDMI Type A (19 pin female), 1 x IR in 3.5mm Audio Jack
Output Ports	1 x HDMI Type A (19 pin female)

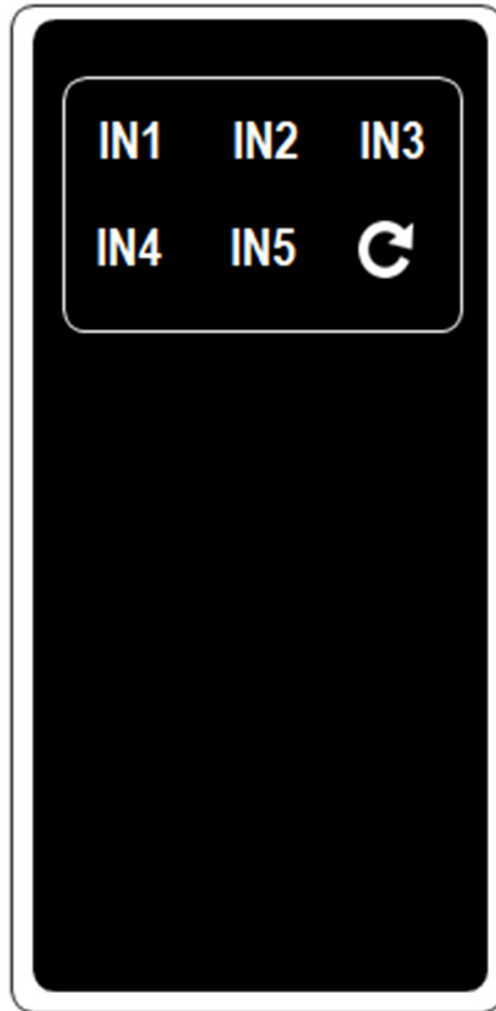
Mechanical	
Housing	Plastic Enclosure
Silkscreen Color	Black
Dimensions	3.4" x 2.34" x 0.74" (87 x 59.5 x 19mm)
Weight	0.13 lbs (60 g)
Power Supply	Input: DC 5V/1A
Power Consumption	1.5W
Operation Temperature	32 - 104°F (0 - 40°C)
Storage Temperature	-4°F - 140°F (-20 - 60°C)
Relative Humidity	20 - 90% RH (non-condensing)
Warranty	1 year - Can be extended to 3 years

5.0 Operation Controls and Functions



No	Name	Function Description
1	HDMI INPUT (1/2/3/4/5)	Connect to HDMI source devices such as DVD or Blu Ray player with an HDMI cable.
2	INPUT 1/2/3/4/5 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	DC 5V	DC 5V power input interface.
6	IR IN	Connect IR Receiver cable to receive the remote control signal.

6.0 Remote Control

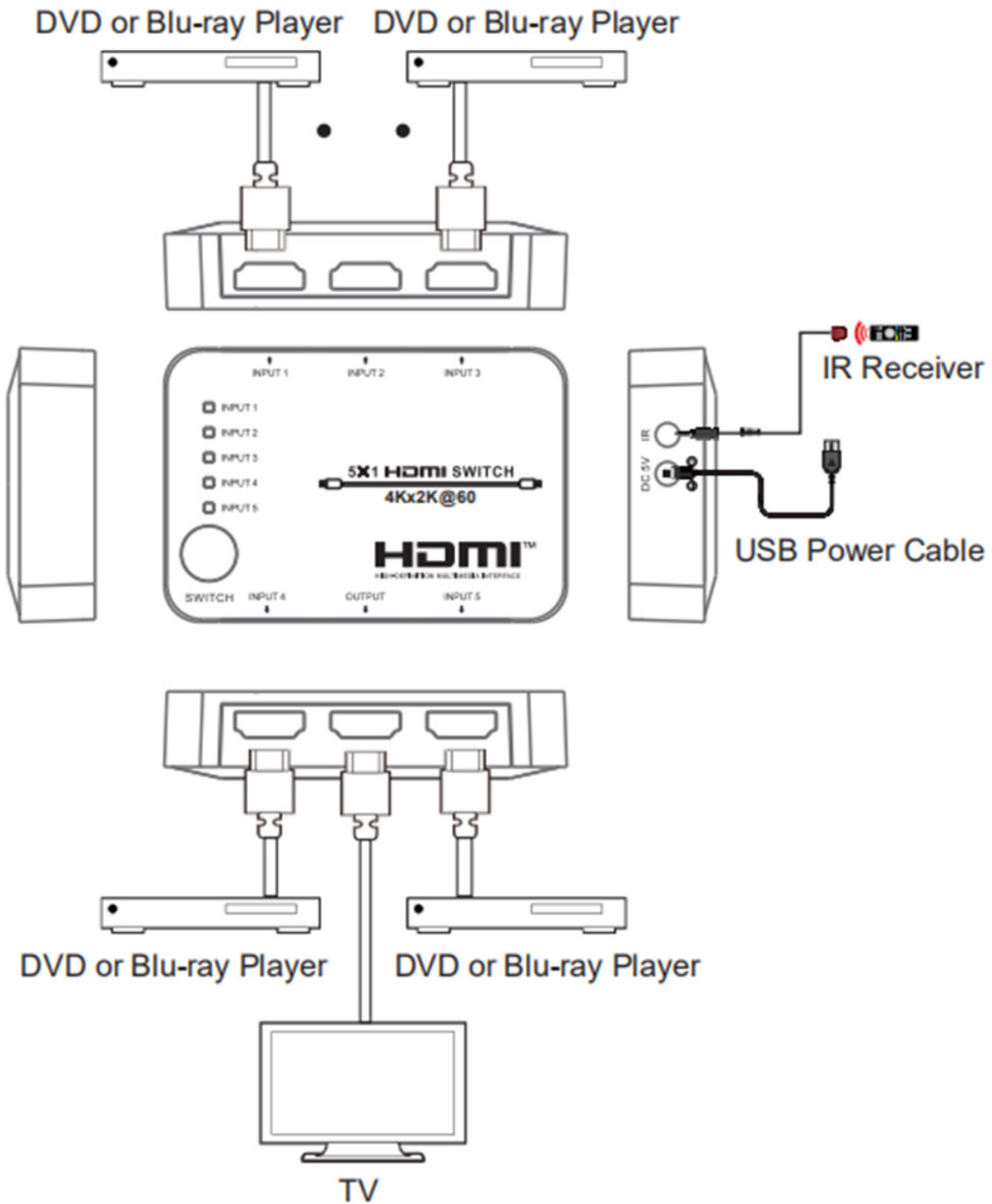


IN1/IN2/IN3/IN4/IN5: Press IN1/IN2/IN3/IN4/IN5 button to switch HDMI source signal to output display, and the corresponding LED will illuminate.



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

7.0 Application Example





8.0 CableTronix 1-Year Limited Warranty

CABLETRONIX. (the “Company”) warrants to the Original Purchaser that the item purchased is free from defects in workmanship or material under normal use. This warranty starts on the date of shipment of the hardware to the Original Purchaser.

During the warranty period, the Company agrees to repair or replace, at its sole option, without charge to Original Purchaser, any defective component. To obtain service, the Original Purchaser must return the item to the Company properly packaged for shipping. All defective products must be returned to the Company within thirty (30) days of failure. Products must be returned with a description of the failure and Return Merchandise Authorization (RMA) number supplied by the Company. To receive a RMA number and a return shipping address on where to deliver the hardware, call 610-429-1821. The shipping, and insurance charges incurred in shipping to the Company will be paid by Original Purchaser, and all risk for the hardware shall remain with the Original Purchaser until such time as Company takes receipt of the hardware. Upon receipt, the Company will promptly repair or replace the defective unit, and then return said unit to Original Purchaser, shipping prepaid. The Company may use reconditioned or like-new parts or units, at its sole option, when repairing any hardware. Repaired products shall carry the same amount of outstanding warranty as from original purchase. Any claim under the warranty must include dated proof of purchase or invoice. In any event, the Company’s liability for defective hardware is limited to repairing or replacing the hardware.

This warranty is contingent upon proper use of the hardware by Original Purchaser and does not cover: if damage is due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), accident, unusual physical, electrical, or electromechanical stress, modifications, neglect, misuse, operation with media not approved by the Company, tampering with or altering of the hardware, riot, war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption or failure of electricity, air conditioning, or humidity control, Internet, network, or telephone service.

The warranties given herein, together with any implied warranties covering the hardware, including any warranties of merchantability or fitness for a particular purpose, are limited in duration to one year from the date of shipment to the Original Purchaser. Jurisdictions vary with regard to the enforceability of warranty limitations, and you should check the laws of your local jurisdiction to find out whether the above limitation applies to you.



The Company shall not be liable to you for loss of data, loss of profits, lost savings, special, incidental, consequential, indirect, or other similar damages arising from breach of warranty, breach of contract, negligence, or other legal action even if the Company or its agent has been advised of the possibility of such damages, or for any claim brought against your by another party. Jurisdictions vary with regard to the enforceability of provisions excluding or limiting liability for incidental or consequential damages. You should check the laws of your local jurisdiction to find out whether the above exclusion applies to you.

This warranty allocates risks of product failure between Original Purchaser and the Company. The Company's hardware pricing reflects this allocation of risk and the limitations of liability contained in this warranty. The warranty set forth above is in lieu of all other express warranties, whether oral or written. The agents, employees, distributors, and dealers of the Company are not authorized to make modification to this warranty, or additional warranties binding on the Company. Accordingly, additional statements such as dealer advertising or presentations, whether oral or written, do not constitute warranties by the Company and should not be relied upon.

This warranty gives you specific legal rights. You may also have other rights which vary from one jurisdiction to another.