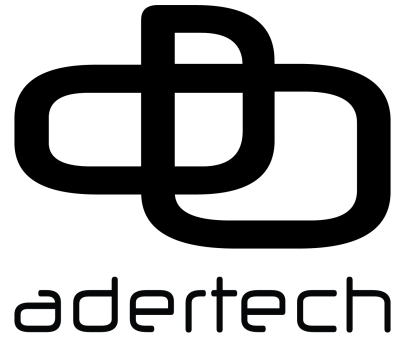


VS-U4H-41A

18Gbps UHD HDMI 4x1Switcher
User Manual Version 1.1

Thank you for choosing ADERTECH products

We have done everything possible to ensure that our equipment pleases our consumers. When solving any problems in the operation and connection of ADERTECH equipment, it is best to contact authorized companies and specialists who work with our equipment. Our equipment is intended for professional use, so you have professional skills in using such equipment. ADERTECH is a manufacturer of a wide range of multimedia solutions.

Introduction

This is a high performance HDMI 4x1 switcher that supports HDTV formats up to 4Kx2K@60Hz and all HDMI 3D TV formats. It can extract HDMI stream audio to separate digital and analog audio output. This product supports HDCP repeater/CEC/ARC functions. Select any of the inputs by front panel button or IR Remote, the corresponding indicator LED on the front panel will be illuminated.

■ Features

- Compliant with HDMI 2.0a, DVI 1.0 standards.
- HDCP 2.2 and HDCP 1.4 compliant.
- Video formats up to 4096x2160 @60 and all HDMI 3D video formats. Support PCM,
- Dolby TrueHD, DTS-HD Master Audio up to 7.1CH Digital and analog audio output
- Support smart EDID management(Auto/2CH/5.1CH/7.1CH selectable)
- Support input port auto switching or manual switching modedistances
- Audio Return Channel (ARC) supports

■ Package

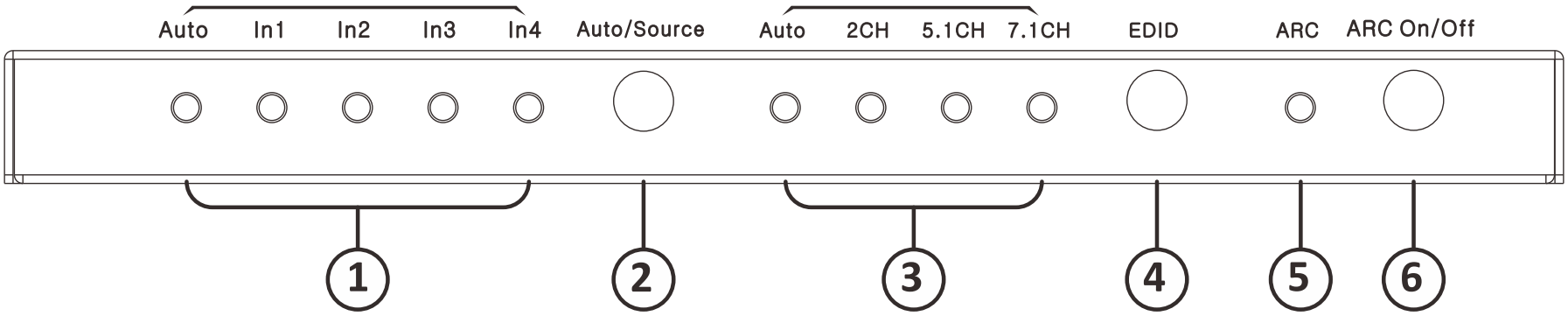
- HDMI 4x1 Switcher
- 5V/1A DC Power Supply Adapter
- IR Remote Control
- IR Receiver cable
- 3.5mm to Optical TOSlink adapter
- Operation Manual

■ Specifications

Input Port	4x HDMI Female ports, 1x IR Receive port and 1x RS232 port
Output Port	1x HDMI Female port and 1 L/R & Optical port
Frequency Bandwidth	3840x2160 / 4096x2160 60 Hz, 18Gbps
HDMI Audio Output	PCM2.1/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby-TrueHD, DTS-HD
Power Supply	DC 5V, 2.5W (Max)
ESD Protection **Human body model**	±8kV (air-gap discharge) , ±4kV (contact discharge)
Dimension	180 (D) x 85 (W) x 11.6 (H) mm
Weight	300g
Operating Temperature	0°C ~ 40°

■ Operation controls and Functions

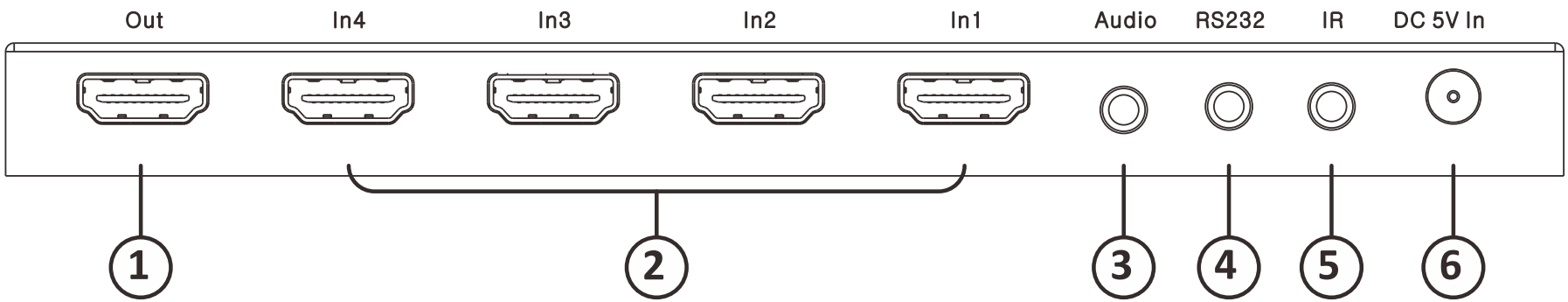
Front Panel:



1. Input indicator LED, corresponding port LED will be illuminated when its port be selected.
2. Auto or manual select button:

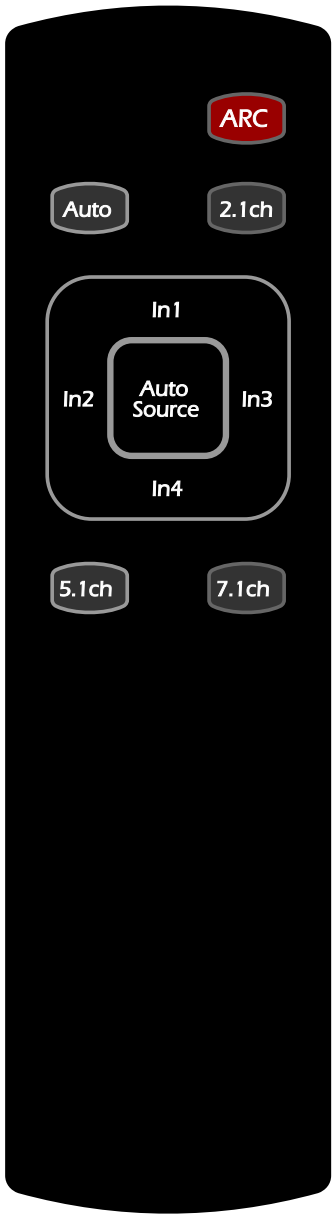
   Press this button >2 seconds to select auto switching or manual switching mode. Under manual switching mode, short pressing this button to select input port.
3. EDID status LED (Auto means using TV EDID).
4. EDID select button (Press this button to select EDID mode Auto/2CH/5.1CH/7.1CH)
5. ARC status LED (this LED will be illuminated if ARC is enabled successfully)
6. ARC function on/off button

Rear Panel:



1. HDMI output port, connect with HDTV or monitor by HDMI cable
2. HDMI input ports, connect with DVD, PS4 or Set-top Box by HDMI cable
3. Audio output (including L/R analog and optical audio out)
4. RS232 Control Port
5. External IR Receiver Connection Port
6. Power Supply 5V Input Port

■ IR Remote Control Usage



ARC	Press this button to enable or disable ARC function. ARC LED on front panel will be illuminated if ARC function is enabled successfully.
Auto 2.1ch 5.1ch 7.1ch	Press these buttons to select different EDID setting and corresponding LED on front panel will be illuminated.
Auto Source	Press this button to select auto switching or manual switching mode.
In1 **In2** **In3** **In4**	Under manual switching mode, press this button to select input port.

■ Application Example



Quality Assurance

We have developed a strict quality assurance process and built a full-fledged testing laboratory. First-class high and low temperature laboratories, reliability and compatibility ensure that every product undergoes rigorous testing from design to delivery and is delivered free of defects.

After-sales service

We have established a complete after-sales warranty service system to respond to customer requirements in real time and quickly solve customer problems.

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