

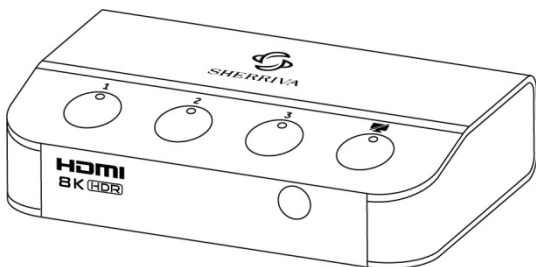


SHERRIVA

HDMI 2.1(8K) / 4K@240 3 in Switch - 3 inputs 1 output

Incorporates HDMI® technology

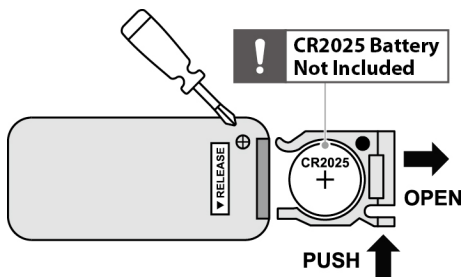
- 8K@60 Hz / 4K@240(DSC),165,144,120 Hz
- 3 Dedicated Switching Keys
- One-touch Screen Off
- Auto Input Detection at Start-Up



UHD-3180

QUICK START GUIDE

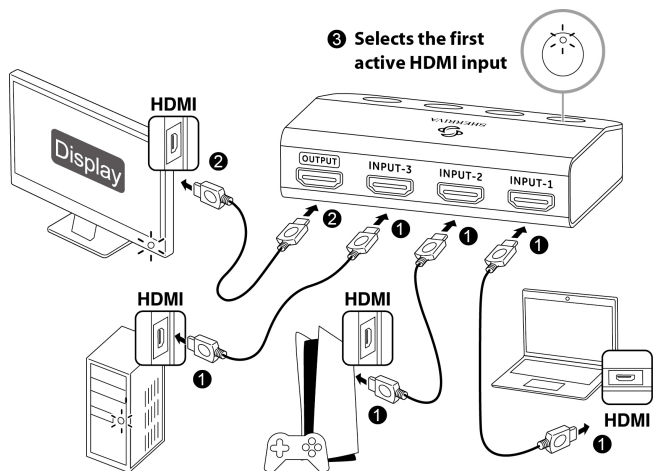
INSTALLING THE REMOTE BATTERY



1. First, remove the screw on the back of the remote control by turning it counterclockwise.
2. Press the tab on the battery tray inward, then pull the tray out.
3. Insert a new CR2025 battery with the positive (+) side facing up, then slide the tray back in and close it.
4. Finally, put the screw back in place and tighten it by turning it clockwise.

NOTE:

- This product does not include a battery.
- The remote control requires a CR2025 coin cell battery.
- Keep batteries out of the reach of children.
- Swallowing a coin cell battery can cause serious injury or death.
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.



- Step 1. Connect the HDMI cables from the source to the input port **INPUT-1 ~ INPUT-3** of the UHD-3180.
- Step 2. Connect the HDMI cable from your TV (monitor or projector) to the output port **OUTPUT** of the UHD-3180.
- Step 3. The device automatically selects **the first active HDMI input** at power-on, and the corresponding input source LED indicator lights up.

NOTE:

- The power for this device is supplied by the source.
- When the source is turned off (no HDMI power output), UHD-3180 will automatically shut down.

INTRODUCTION

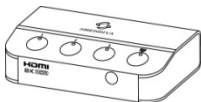
- UHD-3180 is an HDMI 2.1 version 8K switcher, designed to support high frame rate 4K to e-sports monitors.
- 3 dedicated switching keys for instant input selection (avoids the common single-key cycle switching issue found in most switches)
- Smart boot-time auto detection (AUTO runs only on first power-on and is then disabled to prevent unintended switching)
- One-touch screen off for privacy protection (instantly hides content when needed, e.g., unexpected visitors or sensitive viewing situations)
- Lightweight design, ideal for e-sports environments.
- Expands your display's HDMI inputs up to 3 ports.

FEATURES

- HDMI 2.1 (8K) standard
- Switch 3 in / 1 out
- Supports 8K@60 Hz
- Supports 4K@240(DSC), 165, 144, 120, 60 Hz
- 3-key instant switching (no cycle)
- Auto input detection at start-Up
- One-touch screen off (privacy)
- Supports HDR
- Powered by HDMI (no external power required)
- Supports Dolby Atmos via HDMI
- Supports CEC
- Supports video data rate of 48Gbps
- HDCP 2.3 compliant
- Plug and play, no audio and video delay
- Manual control
- Remote control

PACKAGE CONTENTS

1. UHD-3180 Switch



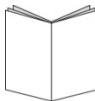
3. Input source label sticker



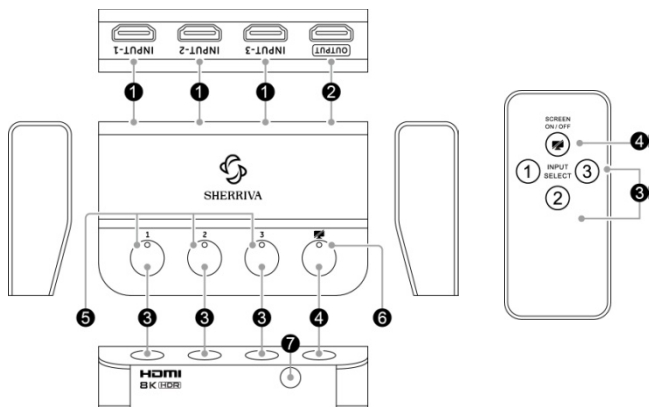
2. Remote Control (CR2025 Battery Not Included)



4. Quick Start Guide



PRODUCT OVERVIEW

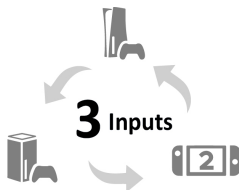


No.	Name	Description
1	HDMI Input-1 HDMI Input-3 HDMI Input-3	HDMI signal input port. Connect HDMI source devices like Game Console, N/B, etc.
2	HDMI Output	HDMI signal output port. Connect to display devices like monitors, TV, etc.
3	Input Select Button	3 dedicated switching keys for instant input selection.
4	Screen On / Off Button	One-touch screen off for privacy. Press again to restore output.
5	Input Indication LED	When the LED is lit, it shows the input source is in the corresponding port.
6	Screen On / Off LED	Indicates screen control status. When the LED is on, output is disabled (no audio/video).
7	IR Sensor	Receives infrared signals from the remote control for device operation.

OPERATION

Manual Operation mode

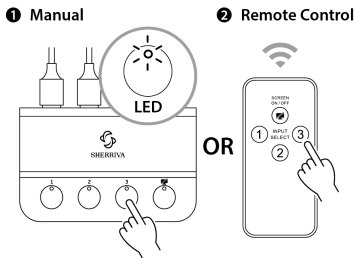
This switcher can be used manually; the "1" "2" "3" key is used for manual switch. An LED indicator shows the selected channel.



OR

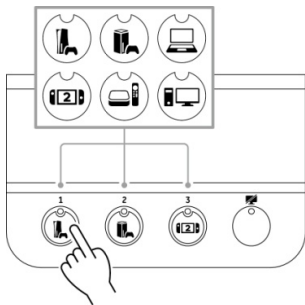
Remote Control

Push number button 1~3 on the Remote Control to switch among up to 3 source devices.



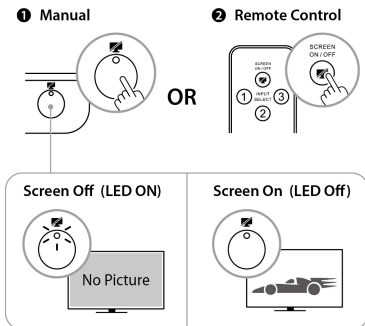
Input Source Label Sticker (Option)

Applying the input source label stickers help you quickly identify each device, making switching more intuitive and efficient.



Screen On / Off

When this function is activated, the LED indicator (Red) light on the screen on/off button on the main unit will turn on, and the output signal will be disabled (no picture on the display). To restore the display output, press the button again.

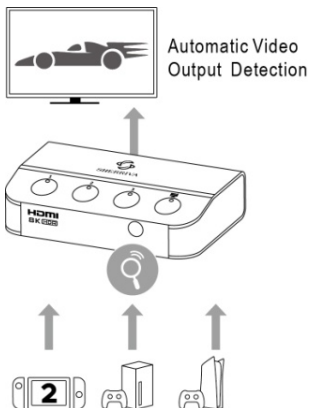


Auto Input Detection at Start-Up

When powered on, the device automatically selects the first active HDMI input.

After detection is complete, auto-detection turns off to prevent unintended switching.

To change inputs, use the switch button or remote control.



Note:

- After detection is complete, auto-detection turns off to prevent unintended switching.
- When the source is turned off (no HDMI power output), UHD-3180 will automatically shut down.

FAQ

When there is no picture presented, please:

Solution :

1. Make sure the direct connection from the source to the display without this unit is working.
2. Check if all connectors are connected well; and check if all HDMI cables can support the transmission speed. UHS Certification cables are recommended.
3. Check the main unit is powered on (the light display position on the front is solid)

When resolution could not show in 8K.

Solution :

1. Make sure your sources and displays are fully supporting 8K.
2. Make sure your content is fully supporting 8K.
3. Make sure your HDMI cables are capable of transmit 8K video signal.
4. Make sure used HDMI 2.1 certification HDMI cable.

SPECIFICATIONS

General	
HDMI Compliance	HDMI 2.1 (8K)
HDCP Compliance	HDCP 2.3
Video Data Rate	48 Gbps
Resolution (max.)	8K@60 Hz (max.)
Video Format	8K@60 4K@240(DSC) / 4K@165 / 4K@144 / 4K@120 / 4K@60, 1080@240 / 1080@165 / 1080@144 / 1080@120 / 1080@60, HDR
Audio Format	PCM 2 / PCM 5.1 / PCM 7.1 Dolby TrueHD, Dolby 5.1 / Dolby 7.1 / Dolby Atmos
Connectivity	
INPUT-1	HDMI Type A 19-pin female
INPUT-2	HDMI Type A 19-pin female
INPUT-3	HDMI Type A 19-pin female
OUTPUT	HDMI Type A 19-pin female
CEC Passthrough	Support
Power	By HDMI

※ Specification subject to change without further notice.

NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.
- The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



- UHD-3180 incorporates HDMI® technology.
- PS5 is a trademark of Sony Interactive Entertainment Inc.
- Xbox is a trademark or registered trademark of Microsoft Corporation in the United States and/or other countries.
- Nintendo Switch is a trademark of Nintendo Co., Ltd.
- Dolby is a registered trademark of Dolby Laboratories.