Ver. 202511v01

SHERRIVA

Splitter - 1 input / 2 outputs

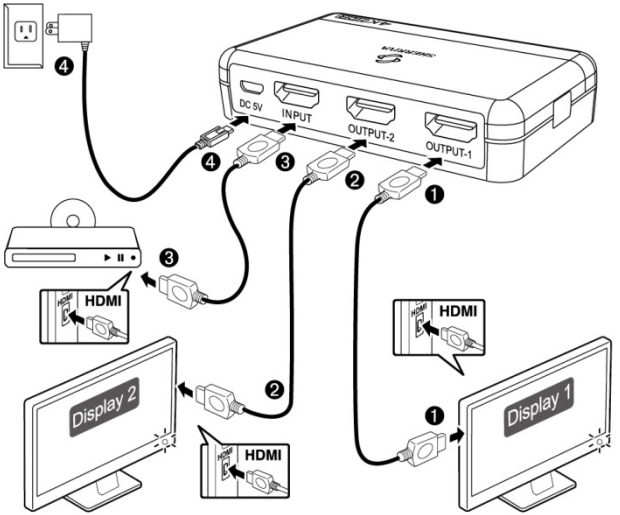
with auto down-scaling

Incorporates HDMI® technology

- HDMI 2.0 (4K@60Hz)
- Smart Display
- Smart Power

UHD-1240X

QUICK START GUIDE



Step 1. Connect the HDMI cable from the first display to the output port OUTPUT-1 of the splitter.

Step 2. Connect the HDMI cable from the second display to the output port OUTPUT-2 of the splitter.

Step 3. Connect the HDMI cable from your source to the input port INPUT of the splitter.

Step 4. Connect one end of the power adapter (included) to a wall outlet and plug the other end into the DC 5V Micro USB port on the splitter.

Step 5. After completing the connection, power on both the input sources and output displays. Then, the LED at the front panel will light up to indicate each connected port.

Notes :

※ **HDMI cable not included.**

※ To enjoy best performance, please restart the power of HDMI splitter (to ensure HDCP function work at its best)

SUPPORTED DISPLAY FORMATS

Same Refresh Rate

Display Specification		Display Output		Notes
OUT1	**OUT2**	**OUT1**	**OUT2**	
4K @60Hz	4K @60Hz	4K @60Hz	4K @60Hz	
4K @60Hz	1080P @60Hz	4K @60Hz	1080P @60Hz	
1080P @60Hz	4K @60Hz	1080P @60Hz	4K @60Hz	
1080P @60Hz	1080P @60Hz	1080P @60Hz	1080P @60Hz	
1440P @60Hz	1080P @60Hz	1080P @60Hz	1080P @60Hz	
4K @60Hz	1440P @60Hz	1440P @60Hz	1440P @60Hz	Assume 4K@60Hz display supports 1440P@60Hz
4K @60Hz	1440P @60Hz	4K @60Hz	1080P @60Hz	Assume 1440P@60Hz display supports 1080P@60Hz
1440P @120Hz	1440P @120Hz	1440P @120Hz	1440P @120Hz	
1440P @120Hz	1080P @120Hz	1080P @120Hz	1080P @120Hz	

Different Refresh Rate

Display Specification		Display Output		Notes
OUT1	**OUT2**	**OUT1**	**OUT2**	
4K @30Hz	4K @60Hz	4K @30Hz	4K @30Hz	
4K @30Hz	4K @60Hz	1080P @60Hz	1080P @60Hz	
4K @30Hz	1080P @60Hz	1080P @60Hz	1080P @60Hz	Assume 4K@30Hz display supports 1080P@60Hz
4K @30Hz	1080P @120Hz	1080P @60Hz	1080P @60Hz	Assume 4K@30Hz display supports 1080P@60Hz
4K @60Hz	1080P @120Hz	4K @60Hz	1080P @60Hz	

Supports High Refresh Rate Displays

Display Specification		Display Output	
OUT1	**OUT2**	**OUT1**	**OUT2**
1080P@120Hz	1080P@144Hz	1080P@120Hz	1080P@120Hz
1080P@120Hz	1080P@165Hz	1080P@120Hz	1080P@120Hz
1080P@120Hz	1080P@240Hz	1080P@120Hz	1080P@120Hz
1080P@144Hz	1080P@144Hz	1080P@144Hz	1080P@144Hz
1080P@144Hz	1080P@165Hz	1080P@144Hz	1080P@144Hz
1080P@144Hz	1080P@240Hz	1080P@144Hz	1080P@144Hz
1440P@60Hz	1080P@120Hz	1080P@60Hz	1080P@60Hz
1440P@120Hz	1080P@120Hz	1080P@120Hz	1080P@120Hz
1440P@144Hz	1080P@120Hz	1080P@120Hz	1080P@120Hz
1440P@165Hz	1080P@120Hz	1080P@120Hz	1080P@120Hz
1440P@240Hz	1080P@120Hz	1080P@120Hz	1080P@120Hz
4K@60Hz	1080P@120Hz	1080P@60Hz	1080P@60Hz
4K@60Hz	1080P@144Hz	1080P@60Hz	1080P@60Hz
4K@60Hz	1080P@165Hz	1080P@60Hz	1080P@60Hz
4K@60Hz	1080P@240Hz	1080P@60Hz	1080P@60Hz
1080P@60Hz	1080P@120Hz	1080P@60Hz	1080P@60Hz
1080P@60Hz	1080P@144Hz	1080P@60Hz	1080P@60Hz
1080P@60Hz	1080P@165Hz	1080P@60Hz	1080P@60Hz
1080P@60Hz	1080P@240Hz	1080P@60Hz	1080P@60Hz

INTRODUCTION

The UHD-1240X 2-port splitter distributes HDMI video and audio from a single source to 2 HDMI displays simultaneously with support for Ultra HD resolutions.

It is designed with a built-in amplifier and equalizer to maintain stability and outstanding signal quality.

The intelligent auto video down-scaling feature detects and configures the video resolution automatically according to the capabilities of each connected monitor. Simultaneous mixed 4K@60Hz and 1080P@60Hz display outputs are supported, allowing users to use different resolution monitors.

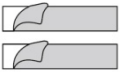
FEATURES

- Support down-scaling 4K@60Hz content to 1080P@60Hz displays.
- Smart Display (Auto-optimized display mode)
- Smart Power (Smart power monitor)
- HDMI 2.0 (4K@60Hz)
- HDCP 2.2 compliant
- Video Bandwidth 18Gbps
- Maintain the same image quality as source, up to 4K@60Hz. (Using HDMI Premium Certified cable)
- Amplifier and Equalizer functions enable longer HDMI cable (Using HDMI Premium Certified cable)
- Expand 2 HDMI outputs of your High-definition sources.

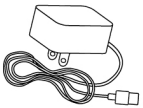
PACKAGE CONTENTS

1. UHD-1240X Splitter

2. Double-sided Tapes x2

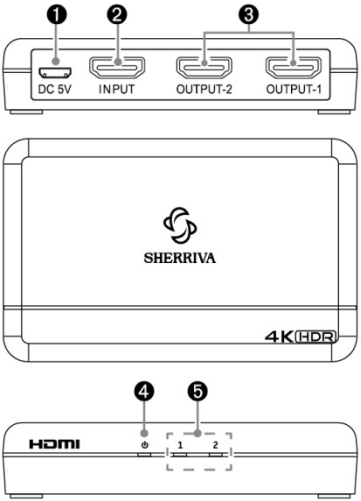


3. Power Adapter



4. Quick Start Guide

PRODUCT OVERVIEW



No.	Name	Description
1	DC 5V (Micro USB)	Connect the power adapter (included) to power the splitter.
2	INPUT	HDMI signal input port. Connect HDMI source devices like Blu-ray, STB, etc.
3	OUTPUT-1 OUTPUT-2	HDMI signal output port. Connect to display devices like monitors, TV, etc.
4	Power LED	Power LED ON indicates power is on.
5	Output LED	When the LED is lit, it shows corresponding device activates.

SMART FUNCTION DESCRIPTION

Smart Display (Auto-optimized display mode)

Definition: MIX + Down-scaling

1. First, perform EDID communication for all outputs.
2. If down-scaling requirements are met, automatic resolution down-scaling will be triggered, allowing each output to present an optimized display.
3. If not met, the system will output at the lowest common resolution.
4. This ensures that video output is always available.

Smart Power (Smart power monitor)

1. Automatic Video Output Detection.
2. When no video output is detected, the Power LED (red) blinks for 3 minutes and then turns off.
3. When the signal is successfully established with the TV (video output established), the Power LED (Red) remains solid ON, and the Output LED (Green) remains solid ON.

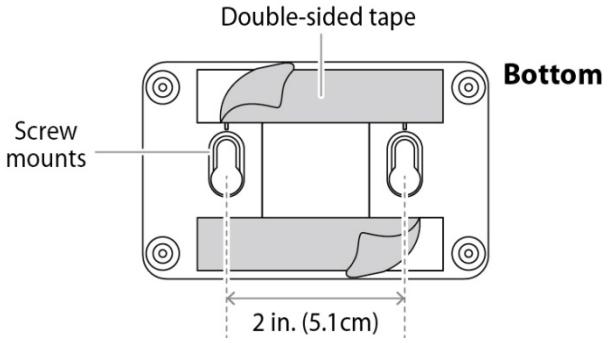
Notes :

※ 4K@30Hz monitors will display in 1080P@60Hz when the source content is 4K@60Hz.

※ Down-scaling to 720P and 480P is not supported.

※ Frame rate conversion (e.g., 60Hz to 30Hz) is not supported.

OPTIONAL：MOUNTING YOUR SPLITTER



• Desktop Mounting

After cleaning dust from the desktop, use double-sided adhesive tape.

• Wall Mounting

Prepare the screws (not included), insert them into the wall, and hang the product using the holes on the back.

Notes :

Before using your new product, please read these instructions to prevent any damage.

FREQUENTLY ASKED QUESTIONS

When there is no picture or audio presented, please:

Solution :

1. Please make sure the output resolution setting of source device can be displayed on all connected display devices. (4K@60Hz or 1080P@60Hz)
2. Please ensure all devices are powered on, and that signal input/output connections are correct.
3. Please also verify that the HDMI cable supports 4K@60Hz and is a certified cable.
4. Reset the HDMI splitter.
5. When using the connection, connect one first and then the other to test the use.

SPECIFICATIONS

General	
HDMI Version	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Operation Pixel Frequency Range	25 MHz ~ 600 MHz
Video Resolution	4K@60Hz (max.)
Audio Format	HDMI 2.0 Standard
Connectivity	
INPUT	HDMI Type A 19-pin female
OUTPUT-1	HDMI Type A 19-pin female
OUTPUT-2	HDMI Type A 19-pin female
Power	Micro USB

※ 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.

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- UHD-1240X incorporates HDMI® technology.