SHERRIVA

QUICK START GUIDE

USB-C / HDMI Wireless Transmitter

WHD-5000C **WHD-5000H**

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

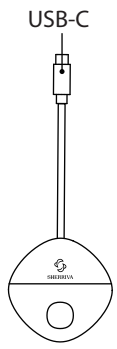
FEATURES

- Transmitter One-click screencast
- Supports resolution:1080p/60Hz
- 2.4GHz / 5GHz dual-band with high sensitivity antenna
- Long distance transmission up to 165 ft typical, 320 ft max (L.O.S.)
- Low latency: 0.1 sec. max
- Supports H.264 compression
- Plug-N-Play, no software or App needed

PACKAGE CONTENTS

WHD-5000C

1. USB-C Transmitter (TX)



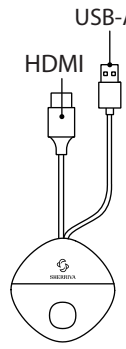
2. Pairing Pin

3. Quick Start Guide

OR

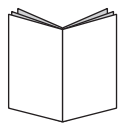
WHD-5000H

1. HDMI Transmitter (TX)



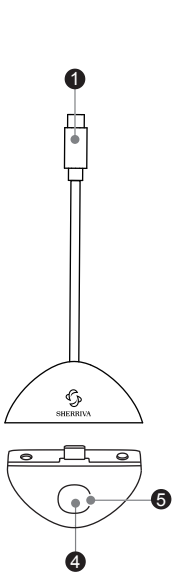
2. Pairing Pin

3. Quick Start Guide



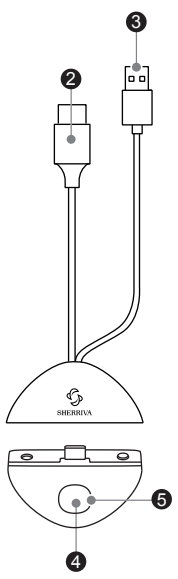
INTERFACE

WHD-5000C



OR

WHD-5000H

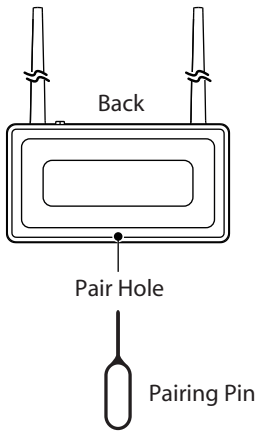


	Name	Description	
1	USB-C Connector	USB Type-C signal input port. Connect USB-C source devices like Computer, Laptop, USB-C Mobile Phones, Tablets.	
2	HDMI Connector	HDMI signal input port. Connect HDMI source devices like Computer, Laptop.	
3	USB-A Connector	Connect to the USB jack on the source devices like Computer, Laptop.	
4	Click Button	Quickly pause and resume screen mirroring.	
5	Indicator Light	Slow Flash	Disconnected
		Fast Flash	Pairing
		Always On	Connected

PAIRING WITH RECEIVER (RX)

Step 1

1. Connect the receiver to the large screen display's HDMI port.
2. Plug the transmitter into the laptop.
3. Stick the pin into the receiver bottom "pair hole" more than 5 Second, and it will enter to the pairing mode.



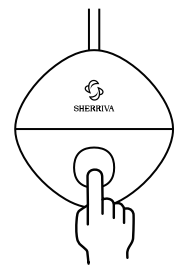
Step 2

1. Please refer to the Transmitter (TX) diagram in the CONNECTION section below.

Step 3

1. Press the button of the transmitter for more than 5 Second, the light statusbecome fast flashing to be paring with the receiver.
2. The transmitter indicator is always on to indicate a successful connection.

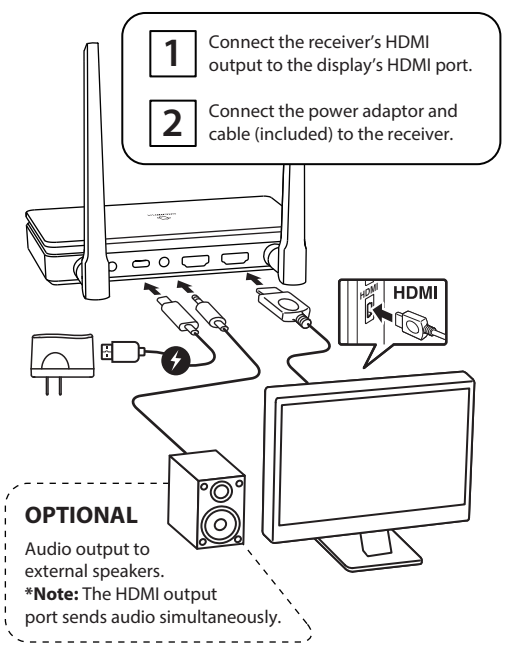
*** Please refer to the indicator light status in item 5 of the Interface section on the left.**



CONNECTION

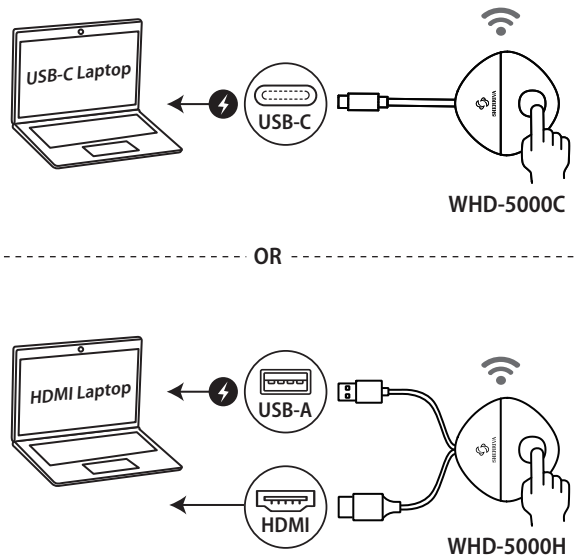
RECEIVER (RX)

1. Connect the receiver's HDMI output to the display's HDMI port.
2. Connect the power adaptor and cable (included) to the receiver.



OPTIONAL
Audio output to external speakers.
***Note:** The HDMI output port sends audio simultaneously.

TRANSMITTER (TX)



USB-C Transmitter

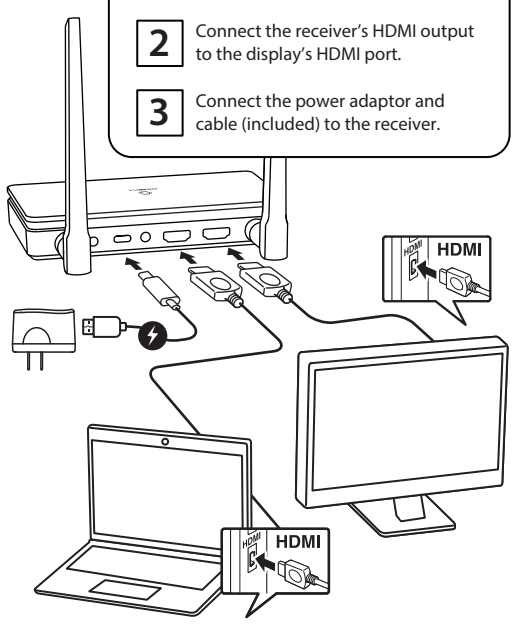
1. Insert the transmitter into the Laptop's USB-C port.
2. When the indicator light always on, press the transmitter button to start screen casting. ***(ensure the computer has sufficient power)***

HDMI Transmitter

1. Insert the transmitter into the Laptop's HDMI port.
2. Connect the transmitter's USB cable to the computer for power supply.
3. When the indicator light always on, press the transmitter button to start screen casting.

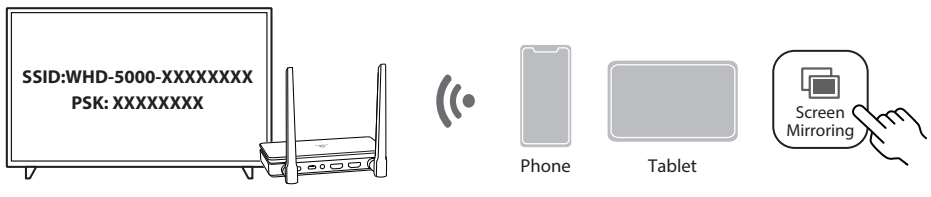
HDMI LOOP THROUGH

1. Connect the receiver's HDMI input to your source device's HDMI port.
2. Connect the receiver's HDMI output to the display's HDMI port.
3. Connect the power adaptor and cable (included) to the receiver.



SCREEN MIRRORING WITH MOBILE DEVICES FOR RECEIVER

*** Please refer to the Receiver (RX) diagram in the CONNECTION section above.**



Android Devices

1. Ensure the phone's WiFi is turned on.
2. Select the "Screen Cast" switch from the phone's quick menu.
3. Select "**WHD-5000-XXXXXXXX**" to cast the screen.

*** If not found, refer to the guide below by brand.**

Samsung	Swipe Down → Smart View → ON
Google	Swipe Down → Screen Cast → ON
Xiaomi	Settings → Connection & sharing→ Wireless display → ON
VIVO	Settings → Multi-screen → ON
OPPO	Settings → Other Wireless Connections → Screen Cast
Huawei	Settings → Connected devices → Wireless Projection

iOS Devices

1. Connect the phone's WiFi to the device hotspot.
2. Swipe up or down on your phone, tap "Screen Mirroring" and select "**WHD-5000-XXXXXXXX**"

Screen Mirroring via Router WiFi

1. Connect to the "**WHD-5000-XXXXXXXX**" hotspot, then open a browser and enter "192.168.203.1" to configure the router.
2. Ensure the iPhone/iPad is connected to the same WiFi network.
3. Swipe up or down on the phone screen, tap "Screen Mirroring", and select "**WHD-5000-XXXXXXXX**" to cast.

SPECIFICATIONS

Resolution	1080p / 60Hz
Transmission Distance	165 ft typical, 320 ft max (L.O.S.)
Video Input (TX)	・HDMI Type A interface ・SB USB-C Alt-mode interface
Video Output (RX)	・HDMI Type A interface ・3.5mm Audio RL
HDMI Standard	Support HDMI 1.3a and HDCP 1.3
Frequency Range	WiFi 5GHz band
Channel Bandwidth	20MHz or 40MHz (5G only)
RF output power	Output 10dBm max.
Security Protocol	128/256-bit AES based encryption
Latency	Less than 0.1 sec
Antenna Type	External Dual Hi Gain Antennas
Transmitter – Input	USB-C x1 / HDMI x1
Receiver – Output	HDMI x1 / 3.5mm Audio x1
Receiver – Input	HDMI x1
Power Consumption	・Transmitter TX: 4.5W (Max.) ・Receiver RX: 10W (Max.)

※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.
- WHD-5000C and WHD-5000H incorporates HDMI® and USB-C Alt-mode technology.

Video

Please Scan the QR code to watch How to use the product.

User manual

FREQUENTLY ASKED QUESTIONS

USB-C / HDMI
Wireless Transmitter
WHD-5000C | WHD-5000H

Q : I have a projector(HDMI), but no internal speakers. What options are there for separate sound?

A : Our device supports separate audio output. It features a 3.5mm audio output port, allowing you to connect external speakers or sound systems directly.

Q : What other gaming consoles are supported?

A : As long as the gaming console has an HDMI output port—such as Xbox, Nintendo Switch (with dock), or PlayStation consoles—our device can be used.
The transmitter accepts HDMI input, so any console meeting this requirement is compatible.

Q : Does this work with Dolby Atmos on soundbar?

A : NO.
Wireless HDMI does not support Dolby Atmos.
It only supports standard stereo audio transmission.

Q : Does your device support multiple receivers from one transmitter?

A : NO.
The device does not support one transmitter connecting to more than one receiver. It only supports multiple transmitters connecting to a single receiver—up to 32 transmitters can be paired with one receiver simultaneously.

Q : When the TV display differs from the computer, how do I set up screen mirroring/duplication mode on Windows or macOS?

A : **Windows Settings:**
1. Connect the WHD-5000 transmitter and receiver and ensure a successful connection.
2. Press **Windows + P** and select the desired display mode:
· **Duplicate Mode:** The computer and WHD-5000 display the same screen.
· **Extend Mode:** The computer treats WHD-5000 as a second monitor for expanded workspace.

macOS Settings:
1. Go to Apple Menu > System Preferences > Displays.
2. Click on the Arrangement tab and check Mirror Displays.

Q : How does the video quality of wireless HDMI compare to wired HDMI?

A : Wireless HDMI can deliver video quality close to that of wired HDMI over short distances. However, it may be affected by signal interference, potentially causing compression or latency. For optimal performance, it's recommended to maintain a clear line of sight between the transmitter and receiver and to use the 5GHz frequency band to reduce interference.

Q : Does it require an app or software to work?

A : NO.
No software or app is required. Most wireless HDMI systems are plug-and-play—simply connect the transmitter and receiver to your devices and power them on.

Q : Can I customize the SSID (device name) and password?

A : Yes.
Customization is supported. You can change the SSID and password using only letters and numbers. Changes will take effect after the next reboot.
To modify: connect your phone to the receiver's Wi-Fi > open a browser > go to 192.168.203.1 > update the name and password > save the settings.

Q : Does the device support switching between landscape and portrait modes?

A : Yes.
It supports both landscape and portrait orientations. Two portrait rotation modes are available: 90° and -90°.

Q : Will it work with Apple TV device?

A : Support

Q : Does the receiver work with a video switcher?

A : Support

Q : Can it cast Netflix, Disney+, or Prime Video from an iPhone, iPad, or iMac?

A : Support

NOTICE

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statements

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.