



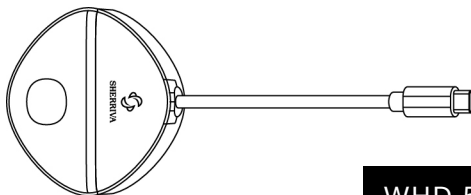
SHERRIVA

USB / HDMI Wireless Transmitter For WHD-5000 or WHD-5100

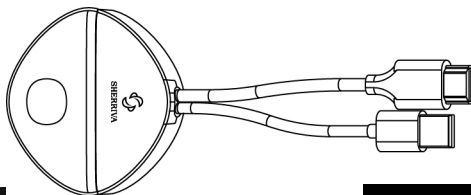
1080P Wireless Transmission

Incorporates HDMI® technology

- Transmitter One-click screencast
- Long distance: up to 320ft (L.O.S)



WHD-5000C

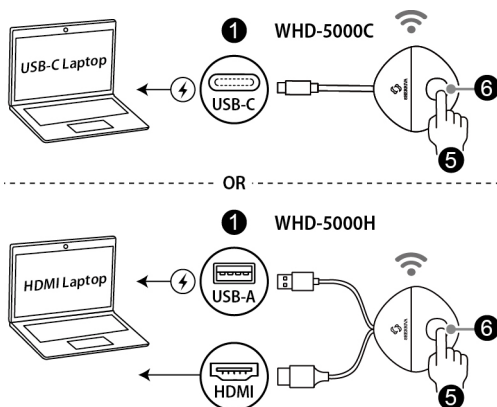


WHD-5000H



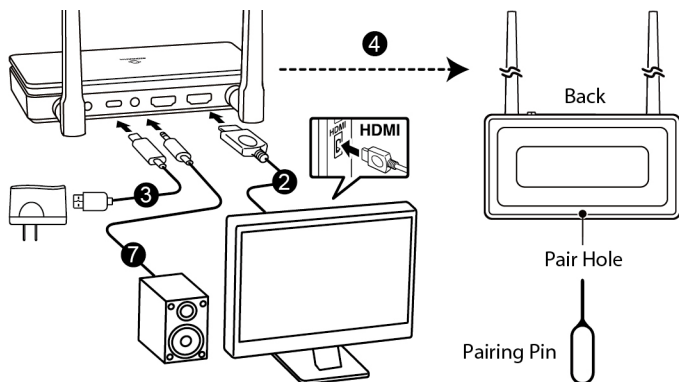
QUICK START GUIDE

Transmitter (TX)



Receiver (RX)

※ **Note:** WHD-5000C(WHD-5000H) does not include receiver or accessories.



- Step 1. Connect with WHD-5000C(WHD-5000H) Transmitter and Source device (Computer / Laptop)
- Step 2. Connect the HDMI cable to the **HDMI output** port on the receiver and to the HDMI input port on the display such as HDTV/ Projector/ Monit
- Step 3. Connect the power adapter to the power jack on the receiver and a wall outlet for power supply. (5V/ 2A Adaptor).
- Step 4. Stick the pin into the receiver bottom “pair hole” more than 5 Second, and it will enter to the pairing mode.
- Step 5. Press the button of the transmitter for more than 5 Second, the light status become fast flashing to be paring with the receiver.
- Step 6. The transmitter indicator is always on to indicate a successful connection
- Step 7. **OPTIONAL** Connect to external speakers using the AUX output port.

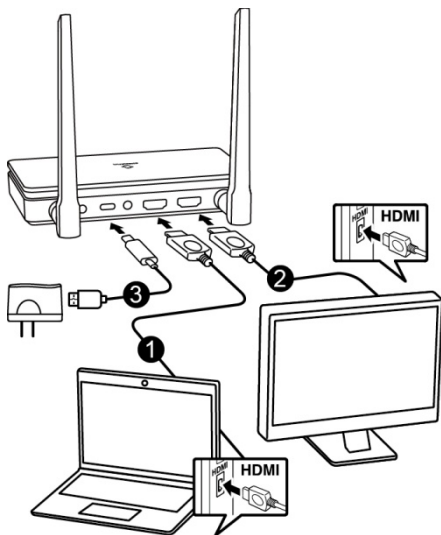
Note : The HDMI output port sends audio simultaneously.

【Many-to-One Mode】

- ※ 32 transmitters can be connected to 1 receiver at the same time, one click switch, does not interfere with each other, and multiple screens can be shared.
- ※ **Note:** This operation requires additional purchase of transmitters.

【HDMI Loop Through】

※ **Note:** WHD-5000C(WHD-5000H) does not include receiver or accessories.



- Step 1. Connect the receiver's **HDMI input** to your source device's HDMI port.
- Step 2. Connect the HDMI cable to the **HDMI output** port on the receiver and to the HDMI input port on the display such as HDTV/ Projector/ Monitor.
- Step 3. Connect the power adapter to the power jack on the receiver and a wall outlet for power supply. (5V/ 2A Adaptor).

INTRODUCTION

The WHD-5000C(WHD-5000H) is part of a wireless presentation system designed to improve the meeting efficiency. It can also be used in educational or entertainment settings.

It adopts HDMI / USB-C transmission mode, which is compatible with new and old media devices. You can also sync your screen to a screen casting device without using the transmitter by connecting your phone to the WiFi of the receiver, which supports AirPlay/ DLNA/ Miracast. Powerful long-distance signal transmission up to 320 feet (light of sight). Plug-N-Play, no drivers or software installation needed.

The button on the transmitter supports quick mirroring or stopping mirroring from your device. This helps protect your private content easily.

Note: This Transmitter is only compatible with the WHD-5000 or WHD-5100. It cannot mirror content from a source independently.

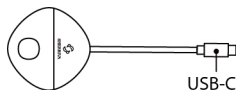
FEATURES

- 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
- Support H.264 compressing
- Plug-N-Play, no software or App needed

PACKAGE CONTENTS

WHD-5000C

1. Transmitter (TX)



2. Pairing Pin



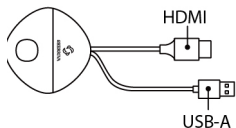
3. Quick Start Guide



----- OR -----

WHD-5000H

1. Transmitter (TX)



2. Pairing Pin



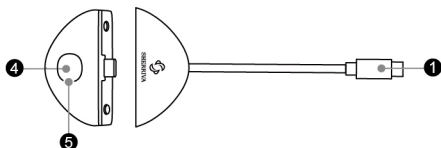
3. Quick Start Guide



PRODUCT OVERVIEW

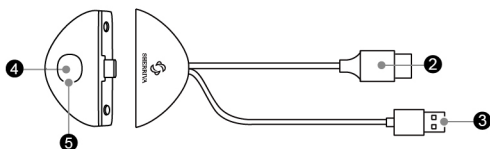
Transmitter (TX)

WHD-5000C



OR

WHD-5000H

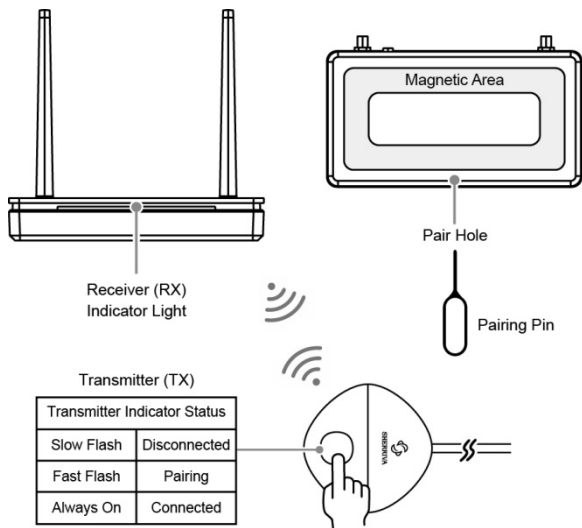


	Name	Description
1	USB-C Connector	USB Type-C signal input port. Connect USB-C source devices like Computer, Laptop, USB-C Mobile Phones, Tablets.
2	HDMI Connector	HDMI signal input port. Connect HDMI source devices like Computer, Laptop.
3	USB-A Connector	Connect to the USB jack on the source devices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

Pairing Instructions

***The receiver and transmitter have been paired at the factory.**

***In case of pairing failure due to improper operation or other circumstance during use, it is necessary to restore and repair the device as follows:**



- Step 1. Stick the pin into the receiver bottom "pair hole" more than 5 seconds, and it will enter to the pairing mode.
- Step 2. And then press the button of the WHD-5000C(WHD-5000H) transmitter for more than 5 Seconds, the light status becomes fast flashing to pair with the receiver.
- Step 3. The transmitter indicator is always on to indicate a successful connection.

MAIN SCREEN OF RX

When RX is successfully turned on, the screen will be shown on display.



SHERRIVA

SSID: WHD-5000-XXXXXXXX

PSK: XXXXXXXX



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Computer/Laptop

USB-C Transmitter

1. Insert the transmitter into the computer'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 computer'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.



Android Devices

Phone/Tablet Screen Mirroring

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

Phone Screen Mirroring

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.

For more settings, open a mobile browser: 192.168.203.1

Connection and Pairing

*The product is pre-paired.
Please pair it manually if connection issues occur.

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

USB C Laptops	HDMI Laptops
	

Step 3

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



Pair Hole



LED Light

Transmitter Indicator Light Status	
Slow Flash	Disconnected
Fast Flash	Pairing
Always On	Connected

***Outbound link can select only one of Wi-Fi (WLAN).**

Setup Screen Mirroring with Mobile Devices for Receiver

The receiver is connected to a screen or projector via HDMI for a wireless presentation. You can cast your content via WiFi display.



Android Devices

Step1: Ensure the phone's WiFi is turned on.

Step2: Select the "Screen Cast" switch from the phone's quick menu.

Step3: Select "WHD-5000-xxxxxxx" 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
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iOS Devices

Step1: Connect the phone's WiFi to the device hotspot.

Step2: Select the "Screen Cast" switch from the phone's quick menu.

Step3: Select "WHD-5000-xxxxxxx" to cast the screen.

WEB SETTING

*WHD-5000(WHD-5100) IP- Devices (either laptops or mobile phones) connect with WHD-5000(WHD-5100) with SSID & Password(PSK) first, applying the IP in web browser can enter Admin setting page for more advanced setting.

1. Preparation-

To access the setting page, you have to choose either way to connect the devices.

- 1.1 Direct link- you can apply notebook or mobile phone to search WHD-5000(WHD-5100) by Wifi and key in relative SSID and Password(PSK) shown on screen.
- 1.2 Through Wifi AP or Routers- if your WHD-5000(WHD-5100) has been connected to a certain networking device, you can apply notebook or mobile phone to connect the same device.

Entering the IP address 192.168.203.1 into your browser's URL bar → Internet → choose a local Wi-Fi network to access the internet



SSID: WHD-5000-XXXXXXX PSK: XXXXXXXX



Computer/Laptop

USB-C Transmitter

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

HDMI Transmitter

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



Android Devices

Phone/Tablet Screen Mirroring

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

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

Brand	Screen Casting
Samsung	Settings -> Display -> Screen Mirroring
Google	Settings -> Connected devices -> Screen Mirroring
Pixel	Settings -> Connected devices -> Screen Mirroring
OnePlus	Settings -> Display -> Screen Mirroring
Xiaomi	Settings -> Display -> Screen Mirroring
Huawei	Settings -> Connected devices -> Screen Mirroring



iOS Devices

Phone Screen Mirroring

- Connect the phone's WiFi to the device hotspot.
- Swipe up or down on your phone, tap "Screen Mirroring" and select "WHD-5000-XXXXXXX" to cast the screen.

Screen Mirroring via Router WiFi

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

Connection and Pairing

The product is pre-paired.
Please pair it manually if connection issues occur.

Step 1

- Connect the receiver to the large screen display's HDMI port.
- Plug the transmitter into the laptop.
- Click the pin into the receiver button "Pair Mode" more than 5 seconds, and it will enter the pairing mode.



Step 2

USB-C Laptop	HDMI Laptop
Transmitter (USB-C) → Laptop (USB-C)	Transmitter (HDMI) → Laptop (HDMI)

Step 3

- Press the button of the transmitter for more than 5 seconds, the light status becomes fast flashing to be pairing with the receiver.
- The transmitter indicator is always on to indicate a successful connection.

Transmitter Indicator Light Status	
Slow Flash	Disconnected
Fast Flash	Pairing
Always On	Connected



For more settings, open a mobile browser: 192.168.203.1

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1. Menu Settings:

- Internet
- Device Name
- WIFI Password
- Display
- Resolution
- Display mode
- Wallpaper
- Portrait Mode
- HDCP
- Language
- Compatible mode
- Auto play :
- Upgrade
- Pair with transmitter
- Upgrade for transmitter
- Reset to default

Setting	
Internet	ASUS
Device Name	WTR-5600C-09DEE491
WIFI Password	12345678
Display	video
Resolution	1920x1080_60P
Display mode	100%
Wallpaper	OFF
Portrait Mode	0°
HDCP	ON
Language	English
Compatible mode	OFF
Auto play:	ON
Upgrade	No new version!
Pair with transmitter	
Upgrade for transmitter	
Reset to default	
Reboot	

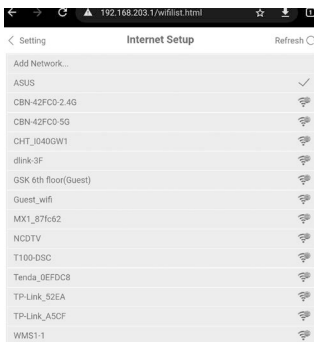
2. Internet Setting:

Connect the outbound Wi-Fi router.

Click internet,

WHD-5000(WHD-5100) will search the available WIFI automatically.

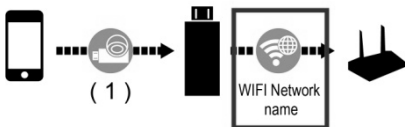
Choose the WIFI you would like to connect and enter password.



Setup for iOS (iPhone, iPad, iPod)

1. Wait for WHD-5000(WHD-5100) home screen after powering on.
2. WHD-5000(WHD-5100) displays its own SSID & Password(PSK) on the home screen, TV monitor.
3. Connect your iOS device with WHD-5000(WHD-5100) WiFi
 - (1). SSID: Selecting the SSID **WHD-5000-xxxxxxx** in the device's Wi-Fi list
 - (2). Password(PSK): Entering the password(PSK) **xxxxxxx** shown on TV to connect your device with WHD-5000 (WHD-5100) Receiver.
4. Once connected, launch the browser on iOS device and enter IP **192.168.203.1** to access the setting portal. Navigate to WiFi settings and connect the WHD-5000(WHD-5100) with your home WiFi network. (Enter your own local/home network password)
5. Once WHD-5000(WHD-5100) is successfully connected with your home WiFi network, you can confirm the connection by checking the Wi-Fi icon at the top left of home screen.

The icon will light up WHD-5000(WHD-5100) connection to external Wi-Fi.



6. Swipe up on your iOS device and tap on AirPlay Mirroring, then select **WHD-5000-xxxxxxx** (SSID) as the target. Your iOS device's screen will be shown on your TV through WHD-5000(WHD-5100) receiver.

Note : You may skip step 4 & 5 if your device can use Wifi and mobile data 4G (cellular network) simultaneously or you don't need internet access.

FREQUENTLY ASKED QUESTIONS

I have a projector(HDMI), but no internal speakers.

What options are there for separate sound?

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

What other gaming consoles are supported?

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.

Does this work with Dolby Atmos on soundbar?

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

Does your device support multiple receivers from one transmitter?

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.

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

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.

Does it require an app or software to work?

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.

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

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.

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

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.

Does the device support switching between landscape and portrait modes?

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

Will it work with Apple TV device?

Support

Does the receiver work with a video switcher?

Support

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

Support

SPECIFICATIONS

Resolution	1080p / 60Hz
Transmission Distance	165 ft typical, 320 ft max (L.O.S.)
Video Input (TX)	● HDMI Type A interface ● 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.

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.

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.