OREI

Full-HD Wireless Presentation Receiver

Model: WHD-AIR

FULL-HD WIRELESS DISPLAY RECEIVER

INTRODUCTION

Thank you for purchasing WHD-AIR Wireless Display Receiver.

WHD-AIR enables you to mirror or cast HD videos/ games/ music/ photos/ files from phone, pad, and laptop to TV/ projectors/ monitors. Suitable for business conference / education/ training and home entertainment.

It supports multiple platforms including iOS, Android, Mac, and Windows operating systems for productive and flexible presentations and collaboration from individual devices. Plug and play without apps and wires.

A useful click button control design can mirror, start or stop the screen sharing anytime.

It also supports 1080p full HD with ultra-low delay for best wireless display experience.
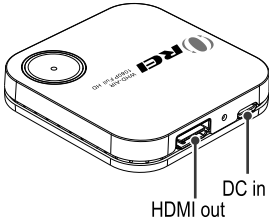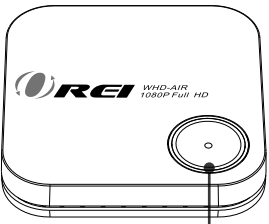
FEATURES AND CONTENTS

Features:

- Supports Full-HD Resolution up to 1920x1080@60Hz
- IEEE 802.11ac protocol dual band 2.4GHz/ 5GHz (Default : 5GHz)
- The maximum video transmission range : 100 feet (L.O.S)
- Low latency : 0.2 sec.max
- Supports H.264 compressing
- Type C port for powering
- Supports HDMI 1.2 , HDCP 1.3
- Plug and play , no APP required
- Multi-compatibility:
  o Supports Windows, macOS, Apple iOS and Android operating systems
  o Supports Miracast / Airplay / Wireless Display
- Click button to stop, pause, and resume projection

Package Contents:

- 1 x WHD-AIR Receiver main unit
- 1 x USB-A to USB-C cable
- User Manual

CONNECTION & OPERATION

Top	I/O Description	LED Indication
	 HDMI out — DC in	 Main Button / LED

RECEIVER LED STATUS

LED COLOR : RED		LED COLOR : BLUE	
	RED LED : ON Powered on		**BLUE LED : ON** Ready for connection or in projecting
			BLUE LED : Flash Pausing or stopping Screen projection (mirroring)

INSTALLATION

Step 1.   Use HDMI cable to connect the HDMI OUT of WHD-AIR receiver to a display device.

Step 2.   Use USB power cable to connect USB-C Jack of WHD-AIR and power it up by connecting the power adapter (5V/1A, not included) or TV's USB port.
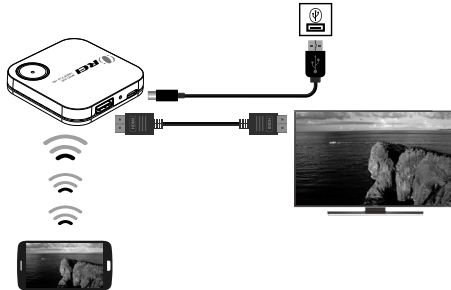
Step 3.   Connection completed .When the receiver and transmitter are ready simply press the main button on the transmitter to mirror your device. Single click for mirror or disconnect.
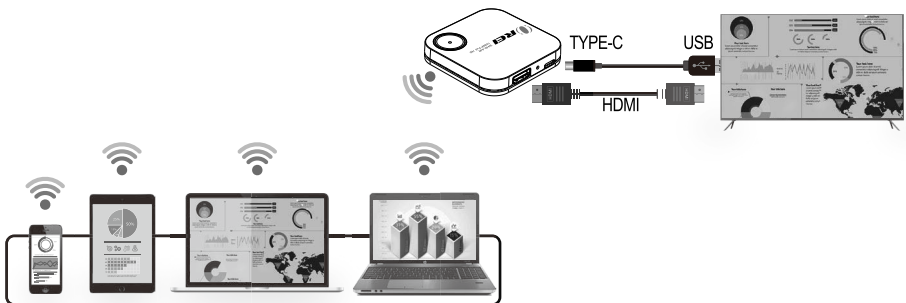
• **Supports iOS / Android / MAC / Windows system for PC, notebooks, tablets and smart phones.**

Notice:
If the USB powering cable is not long enough, please use own USB Power Adaptor cable to ensure the connection

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Receiver Operation

Main Button (Mirror button)	LED ON	LED Flash
Single click	Ready or Mirroring (LED:BLUE)	Pause Mirroring (LED:BLUE)
Hold for 3 seconds	System Reset (LED:RED)	

MAIN SCREEN OF RX

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

*_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.

Use your device's own built-in screen mirroring function. Connect with WHD-AIR with SSID & Password directly.

1. SSID: Selecting the SSID **WFD1500-xxxxxx** in the device's Wi-Fi list.

2. Password: Entering the password **xxxxxxxx** to connect your device with WHD-AIR Receiver.

WIFI DISPLAY

WEB SETTING

*WHD-AIR IP- Devices (either laptops or mobile phones) connect with WHD-AIR with SSID & Password first, applying the IP in web browser can enter Admin setting page for more advance 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-AIR by wifi and key in relative SSID and Password.

   1.2 Through Wifi AP or Routers- if your WHD-AIR 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 to your browser's URL bar →
   Internet → choose a local Wi-Fi network to access the internet**

1. Menu Settings:

.Internet
.Device Name
.WIFI Password
.Wallpaper
.Language
.Upgrade
.Reset to default
.Reboot

⌂ ▲ 192.168.203.1/webse ☐ ○

Setting

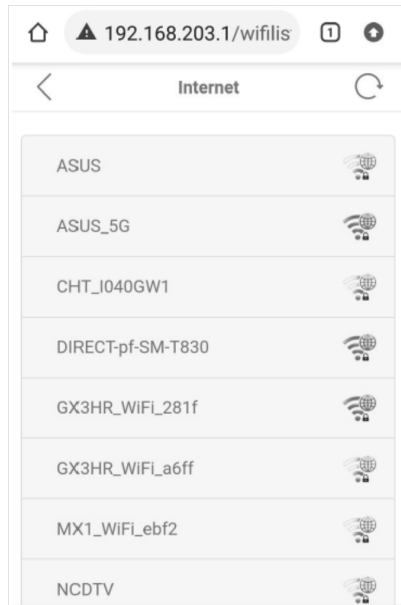| Internet	not connect!
Device Name	WFD1500-91185586
WIFI Password	44771513
Wallpaper	OFF
Language	English
Upgrade	not connect!
Reset to default	
Reboot	

2. Internet Setting:
   Connect the outbound Wi-Fi router.

   Click internet, WHD-AIR will search the
   available WIFI automatically.
   Choose the WIFI you would like to connect
   and enter password.

⌂ ▲ 192.168.203.1/wifilis ☐ ○

‹	Internet	↻

ASUS	
ASUS_5G	
CHT_I040GW1	
DIRECT-pf-SM-T830	
GX3HR_WiFi_281f	
GX3HR_WiFi_a6ff	
MX1_WiFi_ebf2	
NCDTV	

Setup for iOS (iPhone, iPad, iPod)

1. Wait for WHD-AIR home screen after powering on.

2. WHD-AIR displays its own SSID & Password on the home screen.

3. Connect your iOS device with WHD-AIR WiFi

    (1). SSID: Selecting the SSID WFD1500-xxxxxx in the device's Wi-Fi list

    (2). Password: Entering the password xxxxxxxx to connect your device with WHD-AIR Receiver.

4. Once connected, launch the browser on IOS device and enter IP 192.168.203.1 to open up the setting portal. Navigate to WiFi settings and connect the WHD-AIR with your home WiFi network. (Enter your own local/home network password)

5. Once WHD-AIR 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-AIR connection to external Wi-Fi.

6. Swipe up on your iOS device and tap on Airplay Mirroring,then select WHD-AIR (SSID) as target. Your iOS device's screen will be shown on your TV through WHD-AIR 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.

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Setup for Android Devices

Following above Step 1-5

Step 6. On your Android Device, open settings and look for Wireless Display or Miracast function & enable it. Select WHD-AIR (SSID) as target and wait for connection.

Your Android Screen will be shown on your TV through WHD-AIR receiver.

For Google pixel :

1. Turning off 4G connection on your phone.

2. Go to mobile setting → Wi-fi → connect your WHD-AIR device with SSID & Password shown on home screen.

3. Please set up WHD-AIR and your Google pixel phone under the same Wi-Fi Net work.

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

5. Go to Cast option inside of Quick Settings → tap cast (or called Google Cast)

Note :

- The connection between WHD-AIR and your device may be disconnected when WHD-AIR connects to Local/Home WiFi network instead. Please connect again when this happens.

- WHD-AIR can only mirror one device at a time, once the current device stops mirroring, then the other device can be connected.

- Different brands of Android phone/ tablet call the wireless display function differently, could be Smart View on Samsung's, Screencast on Oppo's, google cast, cast Screen etc, users may need to check casting setting on their devices in order to work with WHD-AIR.

- This product DON'T support with some Subscribed paid Apps which have "HDCP" video copyrights protection like Netflix, Amazon prime videos, Hulu, Comcast tv, ,DIRECTV, Xfinity, Vudu, etc..

- Compatible with: IOS 12.0+, Window 10+ , Android 7.0 + (must be Miracast enabled) , Mac OS X 10.14 or above.

No.	Problem	Solution
1.	No video output	•Make sure all cables are firmly inserted into the input/output ports •Try use another HDMI cable.
2.	Receiver failed to start up or turns on and off repeatedly	•Check the power supply. The Receiver requires a USB 5 V above 0.5 A power to start up .Connection to a USB port or other USB power adapters is recommended for sufficient power.
3.	Poor Wi-Fi connectivity	•Please try to minimize interference from other wireless device or heavy power consumption house ware (ex. Wi-Fi Router, Microwave, air conditioner etc.) Do not connect too many devices to your home router when streaming or mirroring for optimum viewing experience.
4.	Cannot pause screen mirroring temporarily by single click on main button	•Some external displays (monitor or projectors) are not able to display signal in HDMI hot plug detection (HPD) format. It may not be able to operate pause projection function or may take longer time to execute pause command. It is recommended to tap stop mirroring on your phone or turn off mirroring on computer directly.
5	Once the cell phone, tablet or computer has connection to the WHD-AIR, it gets knocked out of the internet	•Please connect your phone, tablet or computer and WHD-AIR devices to the same Wi-Fi network. This way user can mirror their content to display via WHD-AIR and also able to access web at same time. -If connection fails, please try to turn off the 4G connection on your phone before setting WHD-AIR and your phone to the same wifi network.
6.	Cannot Join corporate WiFi network for internet access	Please contact your IT department to look at network firewall rules or router setting and allow the "MAC address" of the WHD-AIR receiver device. **Get Mac address from i-phone :** Setting →Wi-Fi→ click ⓘalongside internet icon of WHD-AIR (SSID on home screen) Then you can see Wi-Fi address is your Mac address.

Output Resolution	1920x1080@60Hz
I/O	Input : USB-C (Power input) ; Output : HDMI
WiFi	802.11ac
WiFi Frequency	5Ghz: 5.150Ghz~5.825Ghz
Power	DC 5V, 0.5A
HDMI/HDCP	HDMI 1.2 / HDCP 1.3
LED Indication	Power, Cast status
Key	Reset button
Power Consumption	2.5W max.

NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

- WHD-AIR incorporates HDMI® technology and Soft App powered by EZcast .

- Apple, the Apple logo, AIRPLAY, Mac OS are trademarks of Apple inc.

- Android is a trademark of Google Inc.

- Windows, the Windows logo, and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries

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.