

User Manual and Installation Guide



WIRELESS HD MULTIMEDIA TRANSMITTER



Models:
HDS-WHDI100T



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Safety Precautions



- Power to the units must be switched off before any work is undertaken, such as any AV device connection or TV connection.
- To prevent electric shock, make sure to use the supplied DC adapters as power supply to the Transmitter and Receiver.
- Be sure the power cord is routed so that it will not be stepped on or pinched by heavy items.
- Avoid overloading electrical outlets or extension cords which otherwise could result in electric shock or fire.
- Disconnect the product from the power source if it is left unattended for an extended period of time, and to protect the product from lightning.
- To reduce the risk of electric shocks or fire, always disconnect the power cord from the power outlet when you are not using the product for an extended period of time.
- This product should not be exposed to dripping or splashing liquids. No object filled with liquids, such as vases, should be placed on the product.
- To avoid electric shock, never stick anything in the slots on the case or remove the cover.
- Place the product on a flat, hard and stable surface.
- Do not block the ventilation slots on the product or place any heavy object on the top cover. Blocking the airflow could damage the product. Arrange components so that air can flow freely around the product. Ensure that there is adequate ventilation if the product is placed in a cabinet. Put the products in a properly ventilated area, away from direct sunlight or any source of heat.
- To reduce the risk of fire or electric shock, do not expose the product to water or moisture.
- This product is intended for indoor use only.
- This document may be modified without any notice.

Important Information

- Never use this product in an aircraft or a medical facility as it can cause interference or an undesirable effect.
- The use of this product in the following locations may result in abnormal video and audio output (noise, blocked image...etc.).
 - When the product is placed near a refrigerator or metal structure.
 - When the environment consists of walls made of concrete.
 - A cluttered room where the wireless signals may be blocked.
- This product has been tested and manufactured to comply with each country's safety rules. However, there is no guarantee that interference will not occur in some installations. If interference happens, decrease the distance between the Transmitter and Receiver (Receiver not included).
- This product may interfere with 5GHz wireless devices.
- Optimal use of this product is for in-room/multi-room applications.
- Any changes or modifications not expressly approved by the manufacturer of this device could void the product warranty.
- This equipment must be installed and operated in accordance with the provided instructions. The Transmitter must be installed to provide a separation distance of at least 8" (20cm) from all persons and must not be operating near or in conjunction with any other Transmitter. End users and installers must be provided with installation instructions and Transmitter operating conditions for satisfying RF exposure compliance.
- This device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.

Unit Care Recommendations

To clean, use a soft, dry cloth only. Do not use water or other cleaning products as they may cause electrical failure or damage the surface of the product.

Introduction

The PeerAir™ Wireless HD Multimedia Transmitter expands your current Wireless HD Multimedia System to deliver uncompressed Full HD 1080p, as well as all 3D content to your existing HDTV wirelessly from additional source components.

Package Contents

Ensure that the following items are present in the package. If any items are missing or damaged, please call Peerless-AV Customer Care at 1-800-865-2112. (available 7:00am - 7:00pm (CST) Monday - Friday).



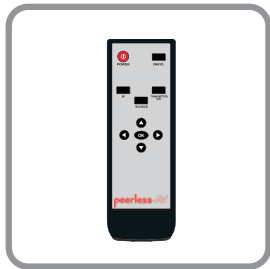
Transmitter



DC Power Adapter



IR Flasher



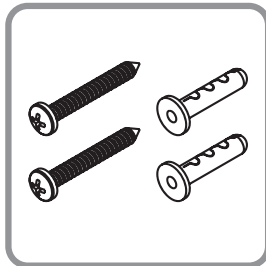
Remote Control



Manual



Quick Start
Guide



Mounting Hardware



AAA Batteries (2)

Product Overview

Transmitter

Transmitter Top



1. POWER Button

- Press to turn the Transmitter ON/OFF. The indicator light in the power button will be illuminated blue when the power is on, glows red in standby mode, and glows purple in pairing mode.

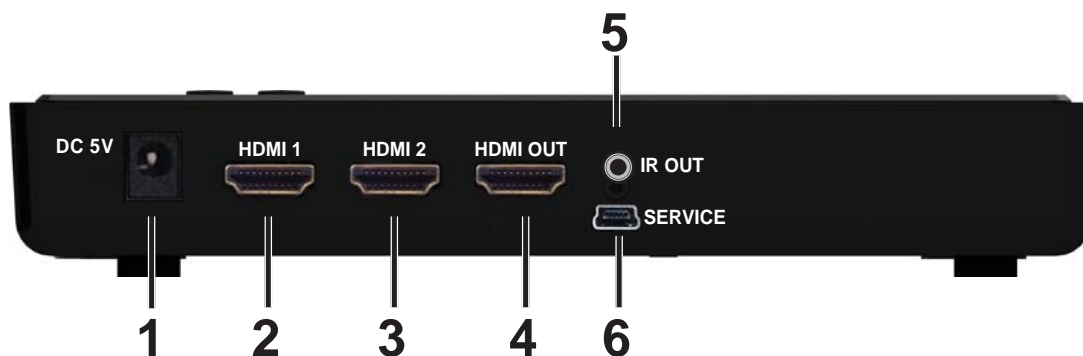
2. SOURCE Selection Button

- Press to toggle AV device inputs.

3. Source Indicator Lights

- The source indicator lights will be illuminated to show current input selected.

Transmitter Back



1. DC 5V

- DC power input port.

2. HDMI 1

- HDMI 1 input port.

3. HDMI 2

- HDMI 2 input port.

4. HDMI OUT

- HDMI pass-through output port.

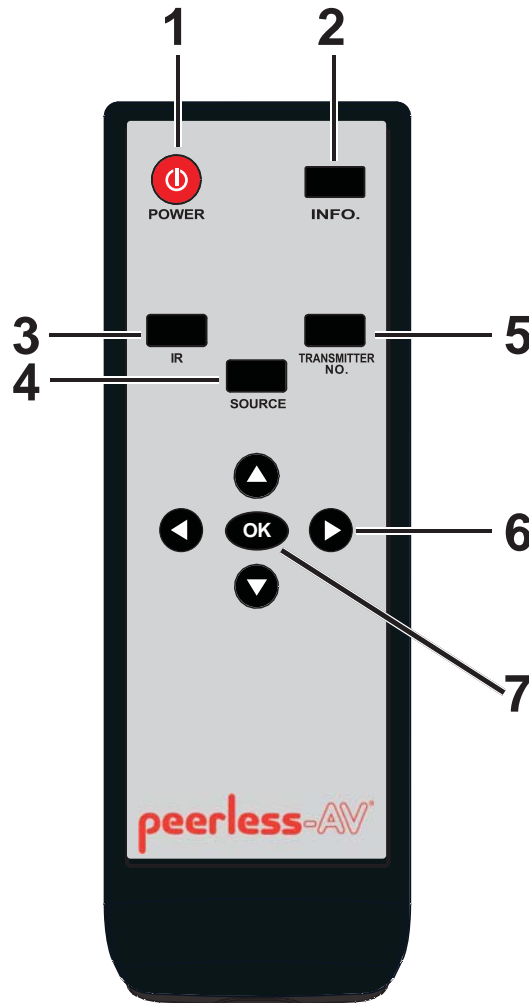
5. IR OUT

- Connects IR Flasher to the Transmitter for remote control of AV devices which are connected to the Transmitter (i.e. Blu-ray player, DVD, STB, etc).

6. SERVICE

- Supports remote usage of USB HID peripheral, such as gaming controller, mouse or keyboard.

Remote Control



1. POWER Button

- Turns the Transmitter and Receiver power ON/OFF.

2. INFO Button

- Press to display OSD (On Screen Display) for system related information on HDTV connected to the Receiver.

3. IR Button

- Press to change the IR Flasher frequency to meet the AV device's requirement.

4. SOURCE Button

- Press to toggle between AV devices connected to the Transmitter.

5. TRANSMITTER NO. Button

- Press to select the transmitter selection menu, and allows access to SETUP menu for pairing, removing and renaming a Transmitter.

6. Navigation Buttons

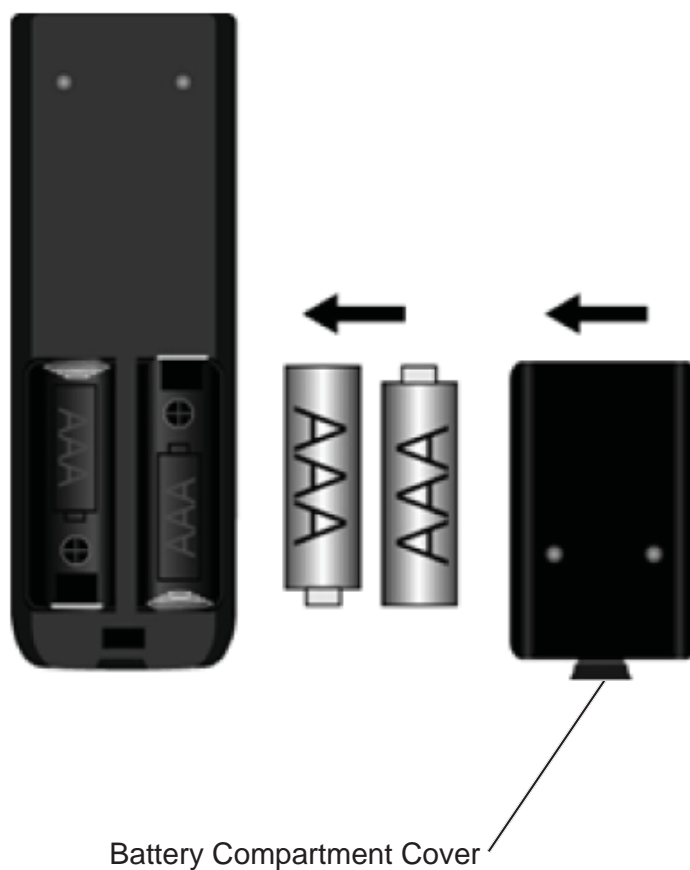
- Use the up, down, left or right buttons to navigate through the menus and select menu items.

7. OK Button

- Press the OK button to execute the selection navigated to by using the NAVIGATION buttons.

Installing the Remote Control Batteries

Remove the battery compartment cover. Place two AAA batteries (included) into the remote control as shown. Replace the battery compartment cover.



Installation

Pairing The Transmitter To An Existing Wireless HD Multimedia Kit

Note: The system will allow up to 4 Transmitters to be paired to 1 Receiver.

Note: If the following steps are not followed in the order listed, the Transmitter will not enter pairing mode.

Step 1

A. Plug the power adapter into a wall outlet.

B. Press and hold the POWER button on the Transmitter. While holding the Transmitters POWER button, plug the power adapter into the Transmitter.

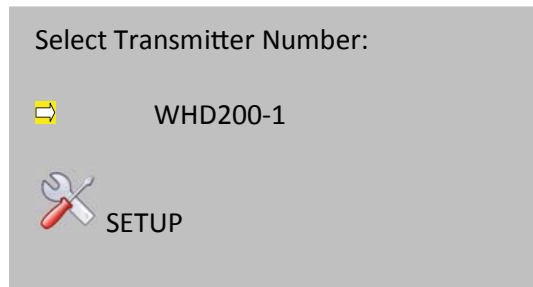
C. Hold the POWER button until the Transmitters power LED is illuminated purple (about 10-12 seconds). The source LED will be blinking blue.



Step 2

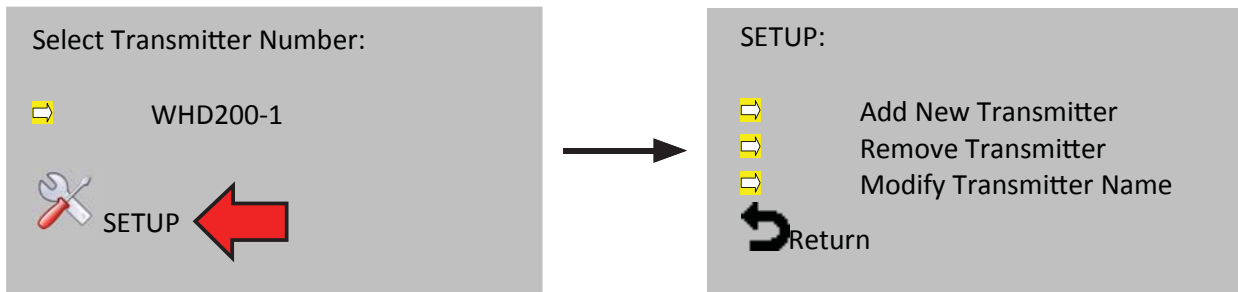
A. Using the remote control provided with the Transmitter, point the remote control at the Receiver and press the **ON** button to turn on the Receiver.

B. Press the **TRANSMITTER NO.** button on the remote control. The OSD (On Screen Display) will appear showing the number of Transmitters paired to the Receiver.

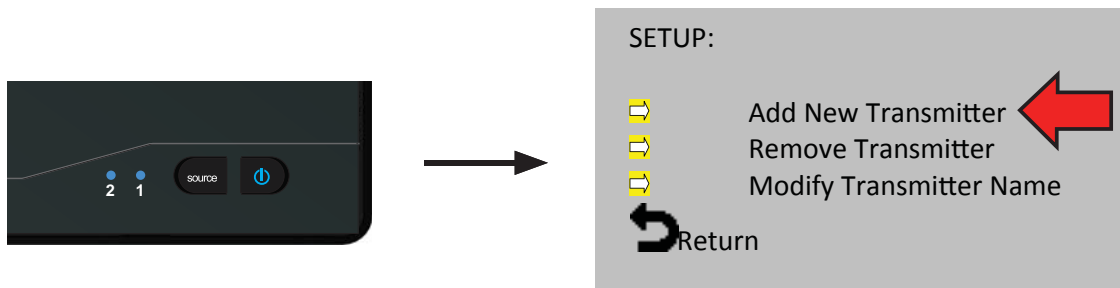


Note: The OSD will only show Transmitters (denoted by WHD200-1, 2...) that are paired to the Receiver.

C. Select **SETUP** using the up or down buttons on the remote control and Press **OK** to display the SETUP screen.



D. Ensure that the LED light on the Transmitter that is being paired is illuminated purple then Select **Add New Transmitter** from the OSD menu and press OK on the remote control.



E. At this time the Receiver will search for a Transmitter to pair to. When the Receiver finds and pairs to a Transmitter, the system will reboot. When the power light is solid blue and the source light is blinking blue, the system is paired (this process takes about 60 seconds).

NOTE: When both the Transmitter and Receiver are in pairing mode they will find each other and pair automatically.

Alternate Pairing Option

You can use this alternate method as a way to pair the Transmitter to the Receiver without using the Remote Control.

Note: If the following steps are not followed in the order listed, the unit will not enter pairing mode.

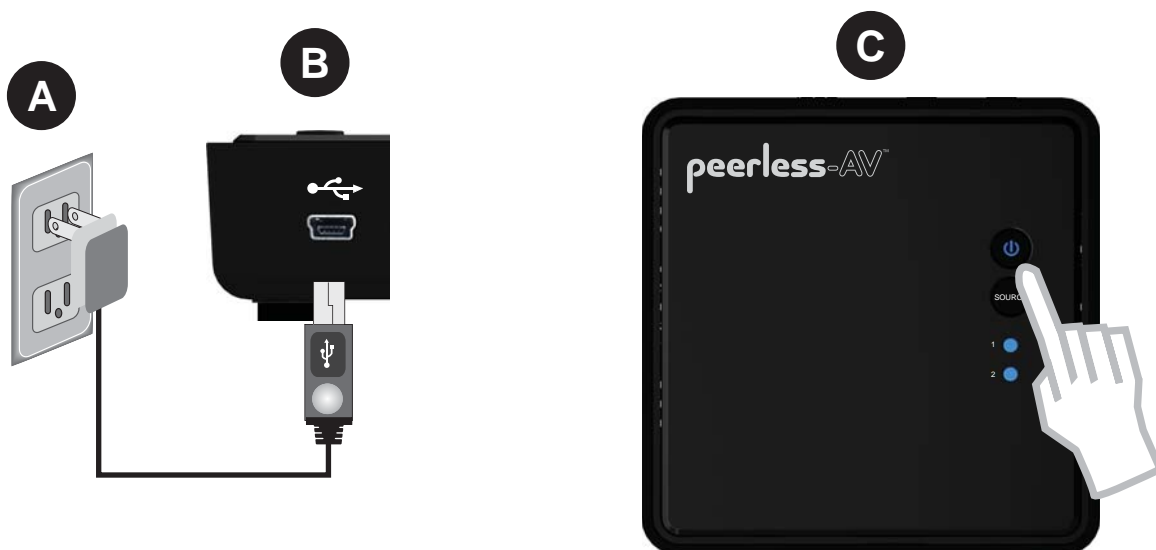
Step 1

Follow **Step 1** under **Pairing and Installing the Transmitter to Already Existing Wireless HD Multimedia Kit**.


Step 2

Enter pairing mode on the Receiver side by using the following method:

- A. Plug the power adapter into a wall outlet.
- B. Press and hold the POWER button on the Receiver. While holding the Receivers POWER button, plug the power adapter into the Receiver unit.
- C. Hold the POWER button until the Receiver POWER LED is illuminated purple (about 5 seconds).

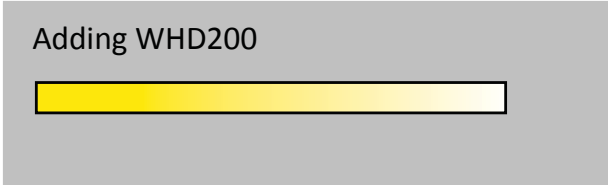


When the Receiver is in pairing mode the OSD will show:

A gray rectangular box representing an OSD screen. Inside the box, the text "Searching...." is displayed in a black, sans-serif font, centered horizontally and vertically.

Searching....

When both units are in pairing mode, and have found each other the OSD will show:

A gray rectangular box representing an OSD screen. Inside the box, the text "Adding WHD200" is displayed in a black, sans-serif font, centered horizontally. Below the text is a horizontal progress bar with a yellow-to-white gradient, outlined in black.

Adding WHD200

Note: When both the Transmitter and Receiver are in pairing mode they will find each other and pair automatically.

The new Transmitter and the current Receiver units are now paired. Ensure that both the Transmitter and the Receiver are powered on and the power LED is glowing solid blue.

AV Device Setup

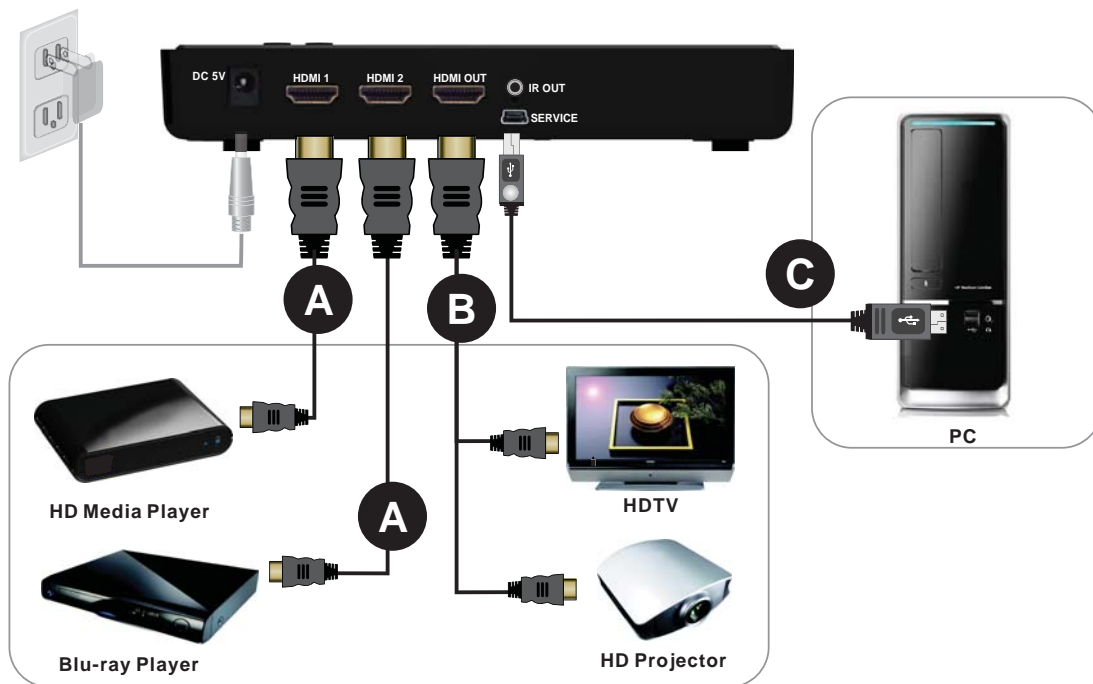
Step 1

A. Connect HDMI cable (not included) from AV device's HDMI out port to Transmitter's **HDMI 1** port. Repeat for **HDMI 2** port if a second AV device is to be connected.

B. (Optional) If connecting to HDTV using wired connection, plug HDMI cable (not included) from Transmitter's **HDMI OUT** port to HDTV's HDMI in port.

C. (Optional) If connecting to PC for remote usage of USB HID peripheral, such as gaming controller, mouse or keyboard, plug mini USB-to-USB Type A cable (not included) from Transmitter's **SERVICE** port to PC's USB OUT port.

Note: Ensure power adapter is plugged in.



IR Flasher Setup

Step 2

Connect the IR Flasher into the **IR OUT** port of the Transmitter. Find the IR window on the AV device and adhere the IR Flasher eye on top of the IR window.

When the IR Flasher is connected, up to two AV devices can be controlled from Receiver location.



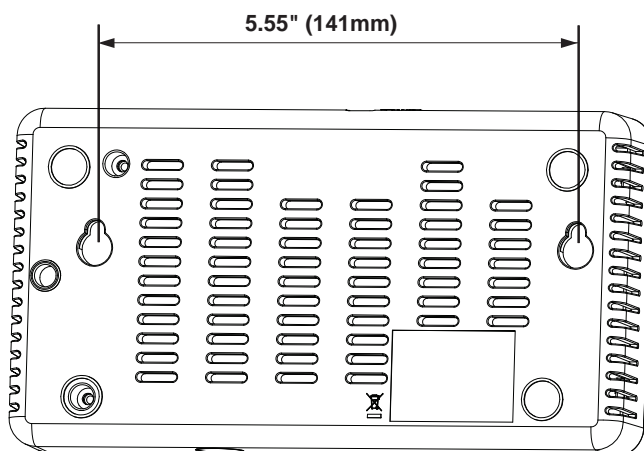
Wall Mounting the HDS-WHDI100T (Optional)

The Transmitter can be mounted to a wall using the keyhole mounting slots located on the back of the unit.

Note: Wall mounting the Transmitter will reduce IR functionality.

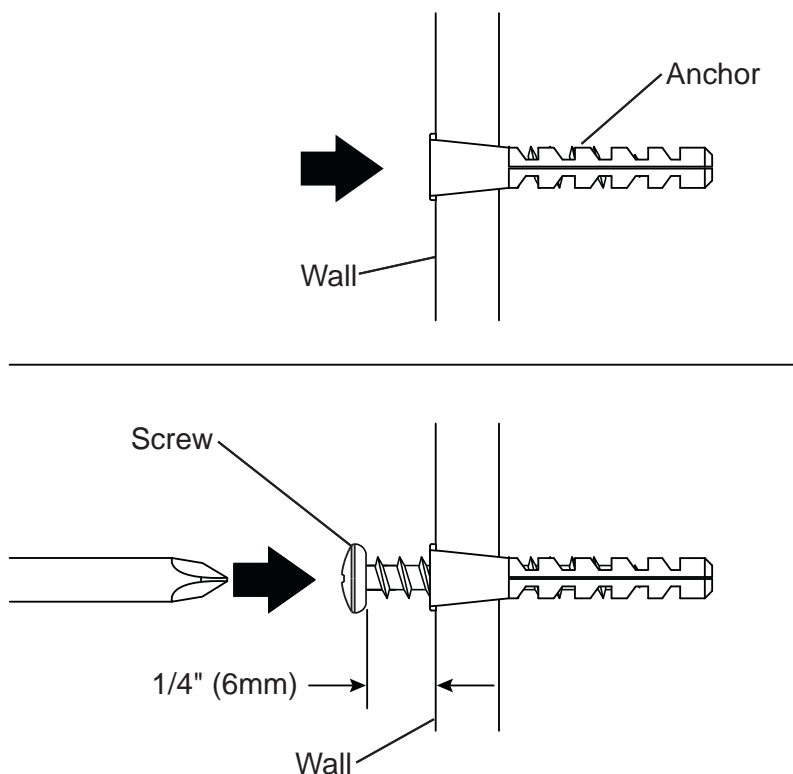
Step 1

Transfer the dimensions shown below to the desired mounting location on the wall and mark with a pencil.



Step 2

Using the marks as a guide, drill two 7/32" (5mm) holes. Insert the supplied anchors into the holes. Using a screwdriver, install the mounting screws into the anchors, leaving 1/4" (6mm) of space between the head of the screw and the wall. Place the Transmitter over the screws and slide down into position.



Powering up the Multiple Transmitter System

When powering up a multi-Transmitter system, the Transmitter that will turn ON when using the remote pointing at the Receiver will be the Transmitter that the Receiver is set too. When the source Transmitter is changed on the Receiver unit, the new Transmitter will turn on automatically.

Indicator Lights Decoded

Power Indicator Light	Source Indicator Light	Description
Solid Red	Off	Power saving mode.
Blinking Blue	Blinking	Transmitter and Receiver start up times are between 15 to 20 seconds.
Blinking Blue	Blinking	During warm-up, if link is not established after 80 seconds, see Notes below.
Solid Blue	Blinking (Quickly)	No input from selected source (see Notes below)
Solid Blue	Blinking (Slowly)	Video format not recognized (see Notes below)
Solid Blue	Solid Blue	Video format is recognized
Blinking Purple	Blinking - Transmitter Solid - Receiver	Pairing Mode

Notes:

- If wireless connection is not established after 80 seconds, the Transmitter is out of range. Verify that the range between the Transmitter and Receiver is within specifications and adjust or shorten the distance between your Transmitter and Receiver. The maximum transmission range for 1080p HD and 3D content is up to 100 ft. (30m) line of sight and 30 ft. (9m) through one structure. The ideal minimum range is 6.5 ft. (2m).
- Ensure that the source device is powered on and the Transmitter is set to the proper input.
- If there is no video showing on the output device and the on screen display states "Not Supported Format", this is an indication that the video frame rate from the AV device is not supported. Refer to the Supported Resolutions section of the Appendix.
- Each Transmitter and Receiver should ideally be at least 6.5 ft. (2m) away from one another.

Checking IR Flasher Frequency

Step 1

Using the remote control for your AV device, point the remote control at the Receiver and press the Power button. If the power on the AV device turns ON/OFF, the remote frequency is set for the AV device.

If the power on the AV device does not turn ON/OFF, the remote frequency needs to be changed. See **Changing IR Flasher Frequency**.

Changing IR Flasher Frequency

Step 1a

Using the remote provided with this system, press the IR button once to display the active IR Flasher frequency. Press the IR button again to change to the next frequency. The IR Flasher frequency will change with each button press.

Step 1b

After changing to the next frequency, press the Power button on your AV device's remote control. If the AV device turns ON/OFF, the remote frequency is set.

If there is no action from your AV device, use the remote provided with this system to change to the next frequency and repeat the above steps until a proper IR frequency is located.

Notes:

- One IR Flasher eye is to be used for one component device.
- The IR sensor supports 35KHz - 58KHz carrier frequencies. Therefore, it is possible that some devices may not be supported.
- Most often, the IR window is easier to locate with direct light shining on sections of the front panel of your AV device (a small flashlight works well).

Step 2

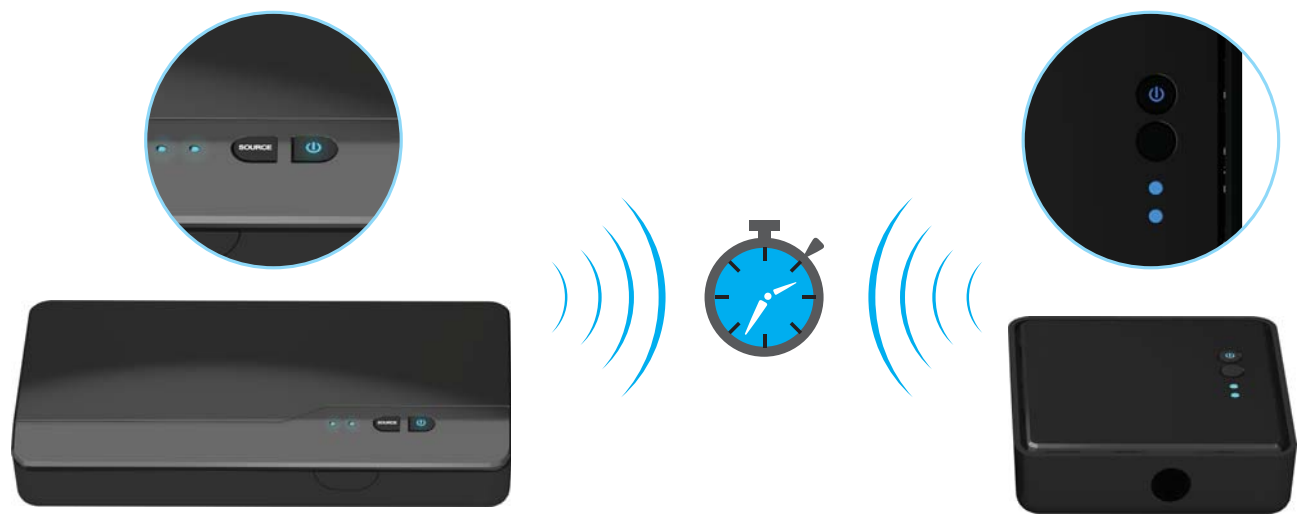
Stand -By Mode

If the Transmitter and Receiver are in Standby mode (both Power indicator lights of Transmitter and Receiver are lit in red), press the Power button on either the Receiver or on the remote control to wake up the Transmitter and the Receiver.

Note: The **HDMI OUT** pass through port is always on even if the Transmitter is in standby mode.

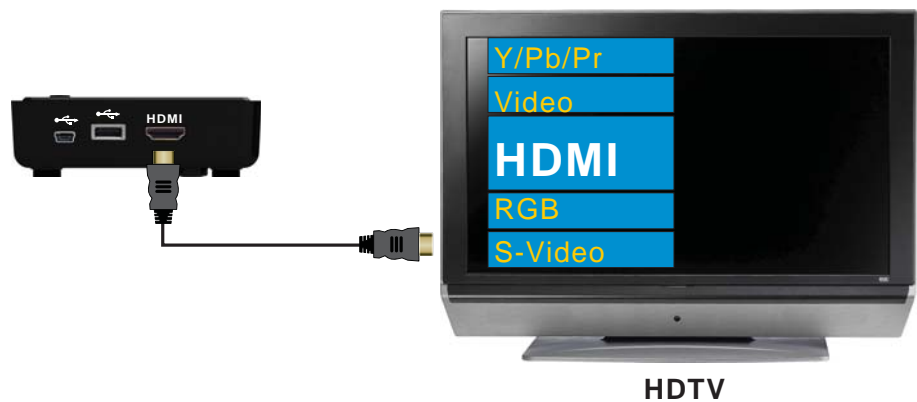


During warm-up, the Power indicator light will blink blue until the signal link between the Transmitter and Receiver is established, between 15 - 20 seconds.

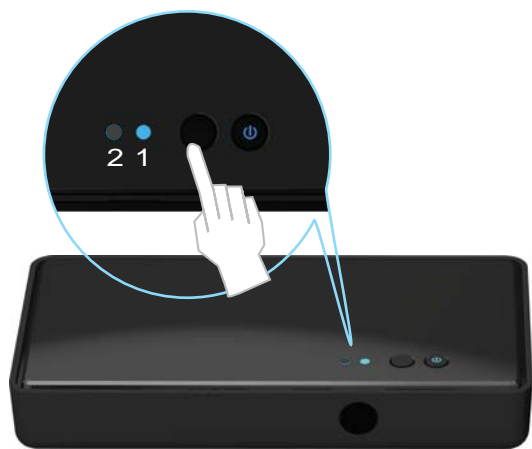


Step 3

Check that your output device is turned on and set to the proper HDMI input.



Press the **SOURCE** button on the remote control, or on the top of Transmitter or Receiver, to select the desired AV device input.

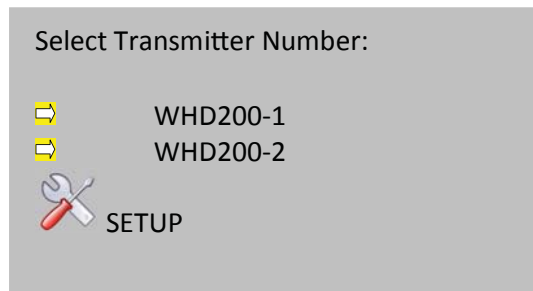


If all operation is normal, the Power and SOURCE indicator lights will be illuminated blue. Refer to the table containing detailed indicator light and OSD description of Transmitter/Receiver.

Toggling Between Paired Transmitters

Step 1

Point the remote control at the Receiver and press the **TRANSMITTER NO.** button. The OSD (On Screen Display) will appear showing the number of Transmitters paired to the Receiver.



Step 2

Use the remote up or down button to scroll to the desired Transmitter and press the OK button to select it.

Toggling Between Source Inputs on a Paired Transmitter

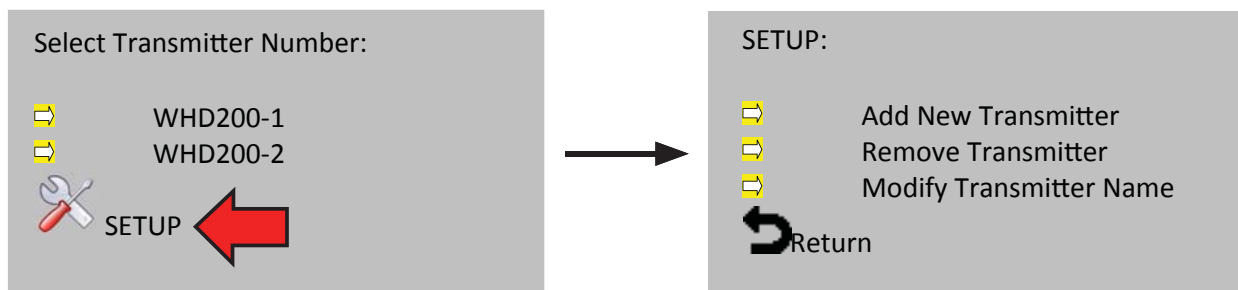
Step 1

To toggle between source 1 and source 2 on the Transmitter, point the remote at the Receiver and press the **SOURCE** button on the remote control or on the unit.

Renaming Paired Transmitter

Step 1

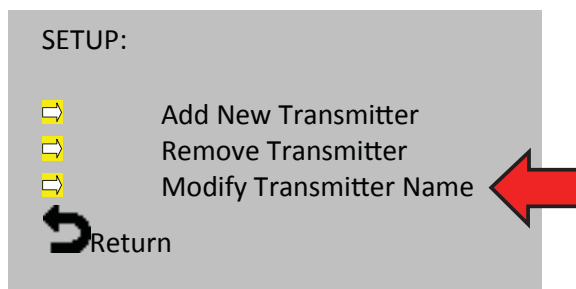
Press the **TRANSMITTER NO.** button on the remote control. The OSD (On Screen Display) will appear showing the number of Transmitters paired to the Receiver. Select **SETUP** using the up or down buttons on the remote control and Press **OK** to display the SETUP screen.



Note: The OSD will only show Transmitters (denoted by WHD200-1, 2...) that are paired to the Receiver.

Step 3

Use the up or down buttons on the remote to select **Modify Transmitter Name** from the OSD options then press **OK**.



Step 4

Using the up or down buttons on the remote select the desired Transmitter to rename and press **OK**.

Step 5

Use the left or right buttons on the remote to move the cursor. Use the up or down buttons on the remote to scroll through the letters of the alphabet. Press the **IR** button to delete/move the cursor back.

Step 6

When the name has been set press **OK**.

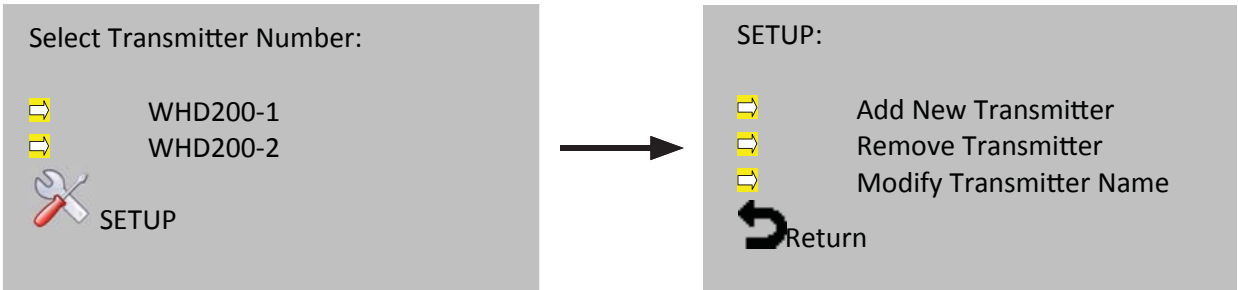
Step 7

To exit the menu, press the **Transmitter NO.** button.

Removing a Transmitter that Has Been Paired to the Receiver

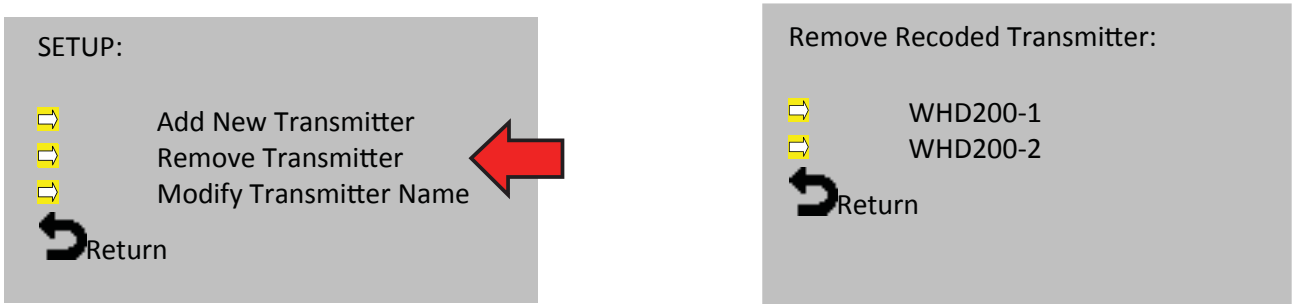
Step 1

Press the **TRANSMITTER NO.** button on the remote control. The OSD (On Screen Display) will appear showing the number of Transmitters paired to the Receiver. Select **SETUP** using the up or down buttons on the remote control and Press **OK** to display the SETUP screen.







Step 2



Use the up or down buttons on the remote to select **Remove Transmitter** from the OSD options then press **OK**. Using the remote control up or down buttons, select the desired Transmitter to remove and press **OK**.



Troubleshooting

Problem	Solution
The power indicator light does not light up.	<ul style="list-style-type: none"> Check the power connections on the Transmitter and Receiver to ensure they are properly inserted into a functioning power outlet.
No video is displayed on your TV screen.	<ul style="list-style-type: none"> Verify that the proper cables have been selected and installed between the Transmitter input and your AV device output. On the TV side (connected to the Receiver), select the HDMI as the input source. Verify the state of the Power and Source as indicated below: <p>Power Indicator Light Flashing Blue OSD displayed:</p>  <p>* Ensure the transmission range between the Transmitter and Receiver is NOT over 100 ft. (30m) line of sight (LOS). * Move the Transmitter closer to the Receiver.</p> <p>Power Indicator Light Solid Blue + Slow Flashing SOURCE Indicator Light OSD displayed :</p>  <p>* Ensure your video resolution and frame rate is supported and within the transmission range. * Connect the AV device to your TV to check and modify the video format compatibility. * Check that the resolution of your device is set to 1080p, 1080i, 720p, or 480p. Refer to the Supported Resolution section of the Appendix.</p> <p>Power Indicator Light Solid Blue + Fast Flashing SOURCE Light OSD displayed :</p>  <p>* Ensure the proper cables are connected between the Transmitter and your AV devices. * Ensure your AV devices connected to the Transmitter are powered on. * Ensure the proper cables are connected between the Receiver and your HDTV.</p>
Poor picture quality or intermittent video.	<ul style="list-style-type: none"> Check that the resolution of your device is set to 1080p, 1080i, 720p, or 480p. Please refer to the Supported Resolution section of the Appendix. Ensure the transmission distance is less than 100 ft. (30m) line of sight (LOS).
No audio.	<ul style="list-style-type: none"> Check your HDTV's volume is properly set and not set in "MUTE" mode. Check if your AV device's audio volume has been turned up. Ensure the audio bit rate of the AV device can be supported. Refer to the Audio Bit Rate Support section of the Appendix.
IR Flasher can't control AV device.	<ul style="list-style-type: none"> Check the location and position of the IR Flasher on the AV device. Refer to IR Flasher Set Up in the Setup and Operation section of this manual. Change the IR Flasher frequency to meet the AV device's requirement. Refer to On Screen Display (OSD) Functions in the Setup and Operation section of this manual.
No 3D video output	<p>OSD displayed : Transmitter and/or Receiver</p>  <p>* Check that both TVs support 3D video format. If either TV only supports 2D format, then 3D output will not be supported.</p> <p>* If displaying 3D video on the HDTV which supports 3D video, turn off the 2D HDTV and cycle the power on 3D HDTV (turn OFF, then ON). Set the AV player to 3D video format output for the 3D display.</p> <p>* Check that the 3D AV device is set to 24p</p>

Supported Resolution

If the SOURCE indicator light continues to blink blue (slower than “no signal” mode); OSD display:  , and there is no video displayed or the video quality is poor, it may indicate that the video frame rate from your AV device is not supported. Ensure that the timing of the AV device is compliant with the standards listed below:

2D Video Format Timings	Resolution	Support
Primary CEA Video Timing		
640x480p @ 60Hz	480p	YES
720x480p @ 60Hz		YES
1280x720p @ 50Hz	720p	YES
1280x720p @ 60Hz		YES
1920x1080i @ 50Hz	1080i	YES
1920x1080i @ 60Hz		YES
1920x1080p @ 50Hz	1080p / 60	YES
1920x1080p @ 60Hz		YES
Secondary CEA Video Timing		
1920x1080p @ 24Hz	1080p / 24	YES
1920x1080p @ 25Hz		YES
1920x1080p @ 30Hz		YES
VESA Timing (DVI only)		
640x480 @ 60 / 72.809Hz	VGA	YES
800x600 @ 60 / 72.188Hz	SVGA	YES
1024x768 @ 60 / 70.069Hz	XGA	YES
1280x768 @ 60 Hz	WXGA	YES
1280x1024 @ 60 Hz	SXGA	YES
1600x1200 @ 60Hz	UXGA	YES

Mandatory CEA 3D Video Format Timings	Support
1280x720p @ 50Hz Top-and-Bottom	YES
1280x720p @ 50Hz Frame packing	YES
1280x720p @ 60Hz Top-and-Bottom	YES
1280x720p @ 60Hz Frame packing	YES
1920x1080i @ 50Hz Side-by-Side (Half)	YES
1920x1080i @ 60Hz Side-by-Side (Half)	YES
1920x1080p @ 24Hz Top-and-Bottom	YES
1920x1080p @ 24Hz Frame packing	YES

Audio Bit Rate Support

- Digital audio from HDMI inputs: Up to 6Mbit/s bit-rate support.
- Supports 5.1 digital audio.
- 2-channel PCM: 16 - 24 bits audio sampling with 32 - 96KHz sampling rate as below:

2 Channel PCM	32KHz	44.1KHz	48KHz	96KHz
16 bits	YES	YES	YES	YES
24 bits	YES	YES	YES	YES

Product Specifications

HDS-WHDI100T		
Supported Video Resolutions	HDMI Input	1080p, 1080i, 720p, 480p
Supported Audio Formats	Digital Audio	AC3 and DTS
Transmission Distance	Up to 100 feet line of sight (LOS)*	
Antenna	High Performance Internal Antennas	
Latency	Zero Latency (.001sec)	
Operating Frequencies	4.9-5.9 GHz (Includes DFS and NON-DFS)	
Power Supply	100-240V AC in, 5V DC power adapter	
Operating Temperature	32F -104F (0 - 40°C)	
Operating Relative Humidity	10% - 80%	
Storage Temperature	14°F – 131°F (10 - 55°C)	
Interface		Transmitter
AV Interface	HDMI Input	2 x Type A
	HDMI Output	1 x Type A
IR Control	IR Sensor	Yes
	IR Flasher	Yes
Power Interface	Power Input	5V DC
Buttons	Power Button	Yes (1 x tact switch)
	Source Button	Yes (1 x tact switch)
LEDs	Power LED	1 X LED (two tone: Blue/Red)
	Source LED	2 x LED (Blue)
Dimensions (W) x (L) x (H)		7.17" x 3.80" x 1.24" (182 x 96.5 x 31.5mm)

* Transmission distance will depend on actual environment. Distance based on line-of-sight. Structures constructed of steel, wood, concrete, or/and brick may decrease transmission distance.

Federal Communication Commission Interference 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.

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Transmitter (TX) operations in the 5.15-5.25GHz band are restricted to indoor usage only. Receiver operation within 5.15 ~ 5.25GHz / 5.47 ~ 5.725GHz frequency range, it is restricted to indoor environment. The band from 5600-5650MHz will be disabled by the software during the manufacturing and cannot be changed by the end user. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Radiation Exposure Statement:

The product comply with the FCC portable RF / radiation exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

The USB dongle transmitter is approved for use in typical laptop computers. To comply with FCC RF exposure requirements, it should not be used in other devices or certain laptop and tablet computer configurations where the USB connectors on the host computer are unable to provide or ensure the necessary operating configurations intended for the device and its users or bystanders to satisfy RF exposure compliance requirements. Receiver should be installed and operated with minimum distance 20cm between the radiator & your body. Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

Declaration of Conformity

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.

EMI (Electro Magnetic Interference) tested.

EN 55022 Information technology equipment----

Radio disturbance characteristics--- Limits and methods of measurement

EN 61000-3-2 Electromagnetic compatibility (EMC)---

Part 3-2: Limits---Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)

EN 61000-3-3 Electromagnetic compatibility (EMC)---

Part 3: Limits---Section 3: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 55024 Information technology equipment----

Equipment---Immunity characteristics---Limits and methods of measurement

EN 301 489-1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services;

Part 1: Common technical requirements

EN 301 489-17

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro magnetic Compatibility(EMC) standard for radio equipment;

Part 17: Specific conditions for 2.4GHz wideband transmission systems, 5GHz high performance RLAN equipment and 5.8GHz Broadband Transmitting Systems

EN 60065 Audio, video and similar electronic apparatus—Safety requirements

Industry Canada Statement

This device complies with RSS-210 of the Industry Canada 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.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution :

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and

(iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

(iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement:

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

(i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;

(iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

(iv) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

The product comply with the Canada portable RF / IC radiation exposure limit set forth for an uncontrolled environment and transmitter are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. Receiver should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Limited Warranty

Peerless Industries, Inc. ("Peerless-AV®") warrants to original end-users of Peerless-AV® products that Peerless-AV® products will be free from defects in material and workmanship, under normal use, for the periods listed below, from the date of purchase by the original end-user. At its option, Peerless-AV® will repair or replace with new or refurbished products or parts, or refund the purchase price of, any Peerless-AV™ product which fails to conform with this warranty.

In no event shall the duration of any implied warranty of merchantability or fitness for a particular purpose be longer than the period of the applicable express warranty set forth above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty does not cover damage caused by (a) service or repairs by the customer or a person who is not authorized for such service or repairs by Peerless-AV®, (b) the failure to utilize proper packing when returning the product, (c) incorrect installation or the failure to follow Peerless-AV®'s instructions or warnings when installing, using or storing the product, or (d) misuse or accident, in transit or otherwise, including in cases of third-party actions and force majeure. This warranty also does not cover corrosion or rust resulting from damaged, scratched or chipped paint or other surfaces.

In no event shall Peerless-AV® be liable for incidental or consequential damages or damages arising from the theft of any product, whether or not secured by a security device which may be included with the Peerless-AV® product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is in lieu of all other warranties, express or implied, and is the sole remedy with respect to product defects. No dealer, distributor, installer or other person is authorized to modify or extend this Limited Warranty or impose any obligation on Peerless-AV® in connection with the sale of any Peerless-AV® product.

This warranty gives specific legal rights, and you may also have other rights which vary from state to state.

<u>Product</u>	<u>Warranty Period</u>
Mounts	5 years
Furniture	1 year
Cables	25 years
Cleaning Products	1 year
Electronic Products and components	1 year

	Model	Description
	HDS-WHDI100	Wireless HD Multimedia System
	HDS-WHDI100T	Wireless HD Multimedia Transmitter
	HDS-ASR1	Shelf for use with HDS-WHDI100 Receiver
	HDS-PSR1	Projector Support for use with HDS-WHDI100 Receiver
	EC-HD015F	1.5ft. (.5m) High speed HDMI Cable with Ethernet
	EC-HD025F	2.5ft. (.75m) High speed HDMI Cable with Ethernet
	EC-HD03F	3ft. (1m) High speed HDMI Cable with Ethernet
	DE-HD0075B	Delta 2.5ft (.75m) Premium High Speed HDMI Cable with Ethernet
	DE-HD01B	Delta 3ft (1m) Premium High Speed HDMI Cable with Ethernet

Customer Care

Need help with set up? Call Peerless-AV Customer Care
1-800-865-2112 (available 7:00am- 7:00pm CST, Monday - Friday), or email us at info@peerless-av.com.

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