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HDMI® Extender Over WHDI Wireless - 50ft (15m)

ST121WHDST

*actual product may vary from photos

For the most up-to-date information, please visit: www.startech.com

FCC Compliance Statement

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.

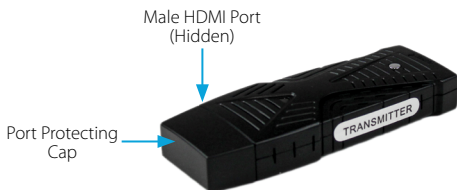## Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

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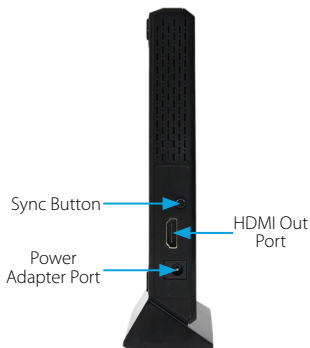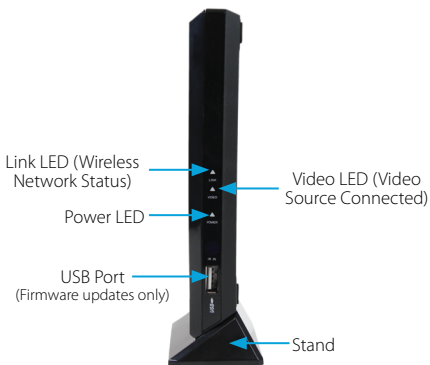
Table of Contents

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Product Diagram

Transmitter

Sync Button

Mini USB B Power
Port (Power)

Male HDMI Port
(Hidden)

Port Protecting
Cap

TRANSMITTER

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Receiver

Link LED (Wireless Network Status)

Power LED

USB Port (Firmware updates only)

Video LED (Video Source Connected)

Stand

Sync Button

Power Adapter Port

HDMI Out Port

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Introduction

Packaging Contents

- 1x Wireless HDMI Transmitter
- 1x Wireless HDMI Receiver
- 1x Remote Control
- 1x USB Cable (for Transmitter power)
- 1x Power Adapter (for Receiver)
- 1x Stand (for Receiver)
- 1x Right Angle HDMI Adapter (for Transmitter)
- 1x Manual

System Requirements

- HDMI enabled video source device (i.e. computer, Blu-ray Player)
- HDMI enabled display device (i.e. television, projector)
- Available AC electrical outlet Receiver
- USB power source for Transmitter
- HDMI cable (for Receiver to display)

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Preparing Your Site

1. Determine where the remote display will be located and place/ mount the display appropriately.

NOTE:

The maximum distance between the transmitter and the receiver is 15 meters (50ft). If the wireless signal is obstructed by walls, or other interference the signal quality and maximum distance will likely be reduced.

Ensure the Receiver Unit is situated near an available AC electrical outlet.

Hardware Installation

1. Installation of Transmitter Unit

   a) Remove the Port Protecting Cap from the Transmitter Unit, and connect the Male HDMI port on the Transmitter to the HDMI out port on your video source device (i.e. Computer, Blu-ray Player).

   NOTE: If it is more *convenient* the Right Angle HDMI Adapter can be added to angle the Transmitter upward or downward.

   b) Connect the USB cable from the Mini USB B Power Port (Power) on the Transmitter unit to an available USB A power source.

2. Installation of Receiver Unit

   a) Position the Receiver Unit near the video display (i.e. television, projector).

   NOTE: *If it is more convenient the Stand can be used to position the Receiver Unit, vertically.*

   b) Connect the provided Receiver Unit power supply. The wireless network status indicator (Link) will turn on after a successful wireless connection between both units is established. This may take several seconds.

   c) Connect the video source to the HDMI port on the rear panel of the Receiver Unit, using a male/male HD cable (Not included).

   d) The video source will now be displayed on the remote receiver.

   NOTE: If video source is not displayed on the remote wireless Receiver, press the sync button on the transmitter unit followed by the sync button on the Receiver unit to resolve the issue.

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Additional Operation

IR Remote Control

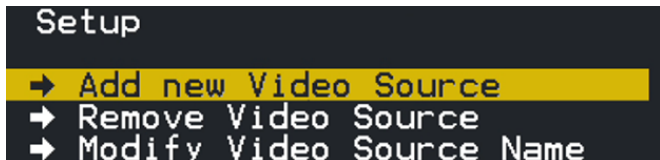| 1	PWR	Power On/Off
2	Menu	Open on screen display (OSD) menu
3	Exit	Close OSD menu / Cancel connection
4	Source	Switch transmitters (If more than one is connected)
5	Next Source	Switch transmitters (to next logical source if more than one is connected)
6	Pre Source	Switch transmitters (to previous logical source if more than one is connected
7	← → ↑ ↓	Move Cursor
8	OK	Select OSD option
9	Delete	Delete a Transmitter
10	Add	Add a Transmitter
11	Guest	Power On/Off
12	Input Devices	Select to switch between added Transmitters

NOTE: *Before the remote control can operate, the battery protector must be removed from the battery compartment. IR remote must be pointed at the receiver your display is connected to.*

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Add Additional Video Transmitter Sources (Must have multiple transmitting units)

By default the ST121WHDST's transmitter and receiver units are paired together. If you have more than one transmitter, this device you can add additional transmitters to switch between sources.

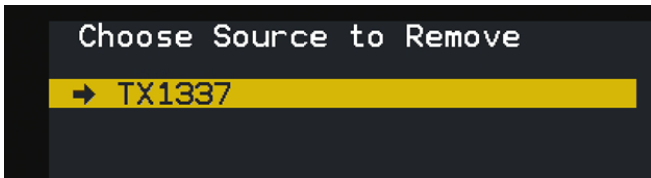1. Using the IR remote control, press **MENU** - > Select **Add new Video Source**

2. Please Activate Registration on Transmitter Unit will now appear on the display. Physically return to the transmitter unit hold down the reset button on the transmitter for 3 seconds to activate registration.

3. The additional transmitter is now registered. This action can be performed for up to 2 additional transmitters for a total of 3.

Remove add Video Transmitters (Must have multiple transmitting units)

4. Using the IR remote control, Press **MENU** - > Select **Remove Video Source**

5. Move the cursor and select the desired transmitter to be remove

Modify Video Source Name

To more easily distinguish between added transmitters, the generic hardware name, given during the "Add additional Video Transmitter Sources" steps, can be modified.

1. Using the remote control, Press MENU - > Select Modify Video Source Name

2. Using the cursor select a name that better suits specific transmitter.

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Specifications

Max Distance	15m (50ft)
Maximum Digital Resolutions	1920x1080
Supported Resolutions	TV: 1080p, 1080i, 720p, 480p PC: VGA(640X480), SVGA(800X600), XGA(1024X768), SXGA(1280X1024)
Frequency	5.1-5.9HGHz

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