



**ATLONA**  
**WIRELESS HDMI TRANSMITTER**  
**AND RECEIVER BOX**  
**AT-WHD200**

**USER MANUAL**



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## 1. INTRODUCTION

The wireless HDMI transmitter and receiver box are using UWB(Ultra-wideband) technology with breakthrough Wireless for HDMI (High-Definition Multimedia interface) offering its designed to enable wireless video and audio connections.

## 2. APPLICATION

Input source can be HDMI, Component and analog audio with all types of products – HDTVs, video projectors, DVD players, set-top boxes, game systems and other home entertainment products. The output to HDTV is industry-standard HDMI, and analog audio.

## 3. CONTENTS

- Wireless HDMI Transmitter x 1
- Wireless HDMI Receiver x 1
- 5V 2.6A Power adaptor x 2
- Operational Manual x 1

## 4. SYSTEM REQUIRE

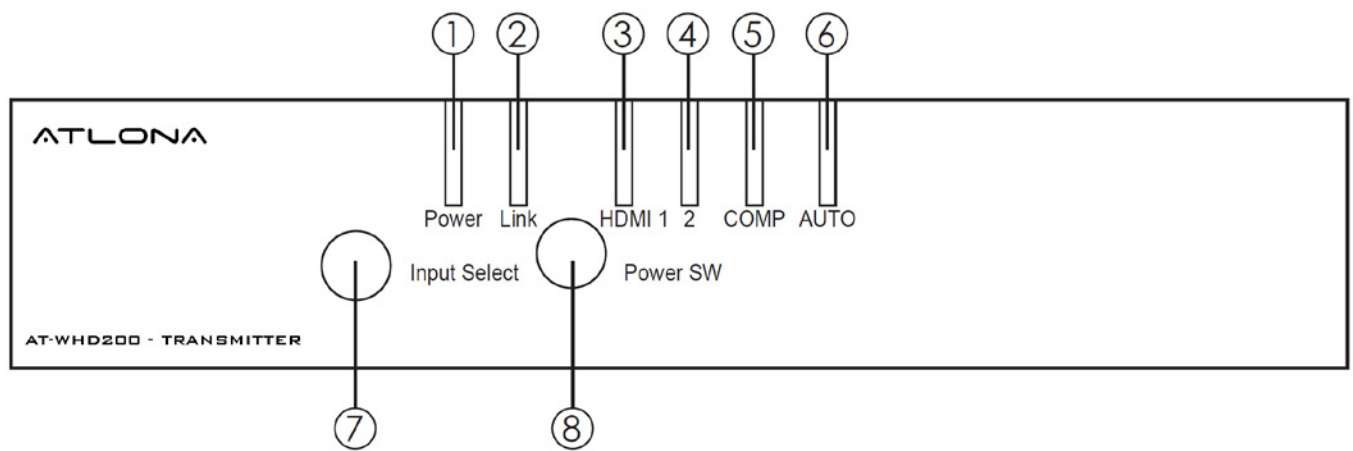
Input sources with HDMI and or component cable and output display LCD monitor or HD TV with HDMI cable.

## 5. FEATURES

- HD audio/video wireless transmission at wire-equivalent quality.
- Supports most video resolution including 480i/p, 576i/p, 720p, 1080i and 1080p 24/30 (1080p 50/60 excluded).
- 10 meters open field, no line of sight required.
- Strong 128-bit AEC based encryption.
- Ultra-wideband (WiMedia Alliance Certified) with TZero's patented
- UltraMIMO™ signal processing technology for extended range and reliability.
- Minimal system overhead.

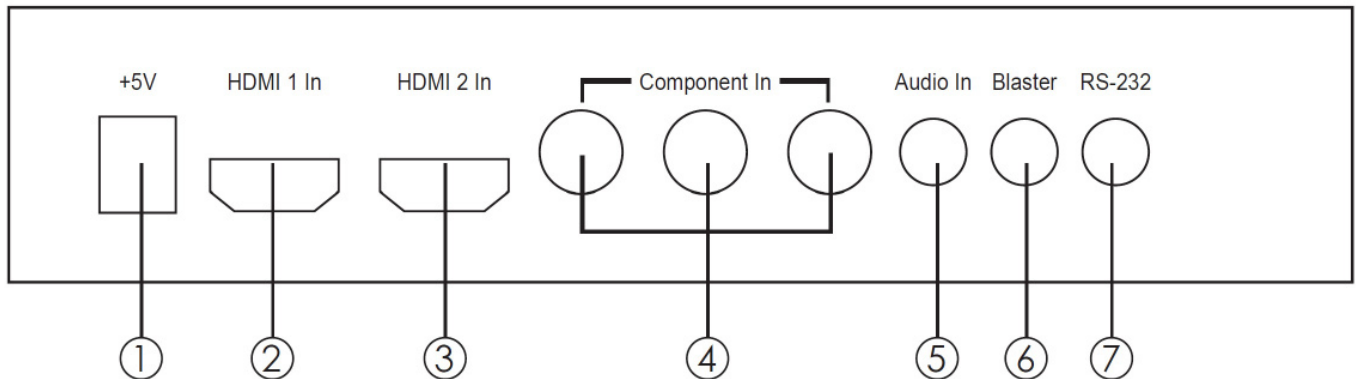
## 6. OPERATION CONTROLS AND FUNCTIONS

### 6.1. Wireless HDMI Transmitter Front Panel



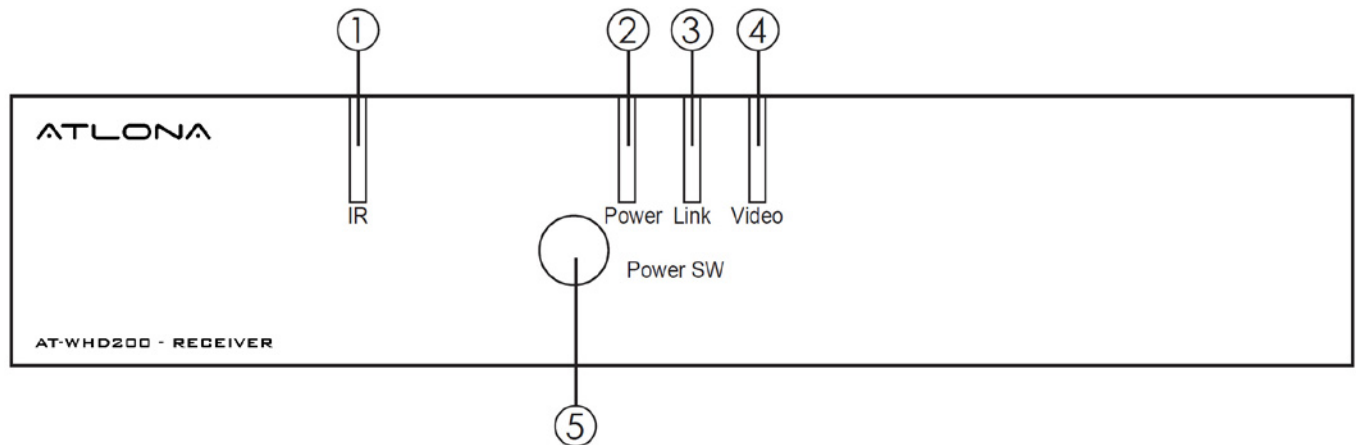
1. Power LED – Blue LED illuminate when the power is on.
2. Link LED – Red LED illuminate when HDMI transmitter link up with Wireless HDMI receiver.
3. HDMI 1 LED – Green LED illuminate when input source select HDMI 1.
4. HDMI 2 LED – Green LED illuminate when input source select HDMI 2.
5. COMP LED – Green LED illuminate when input source select Component.
6. AUTO LED – Green LED illuminate when input source select in Auto Mode.  
6.1 Auto Mode detection: 1. HDMI 1→2 HDMI 2→3 Component
7. Input Selection button – Select input source of HDMI 1, HDMI 2, Component and Auto mode.
8. Power SW button – Power switch to power on or switch off the device.

## 6.2 Wireless HDMI Transmitter Rear Panel



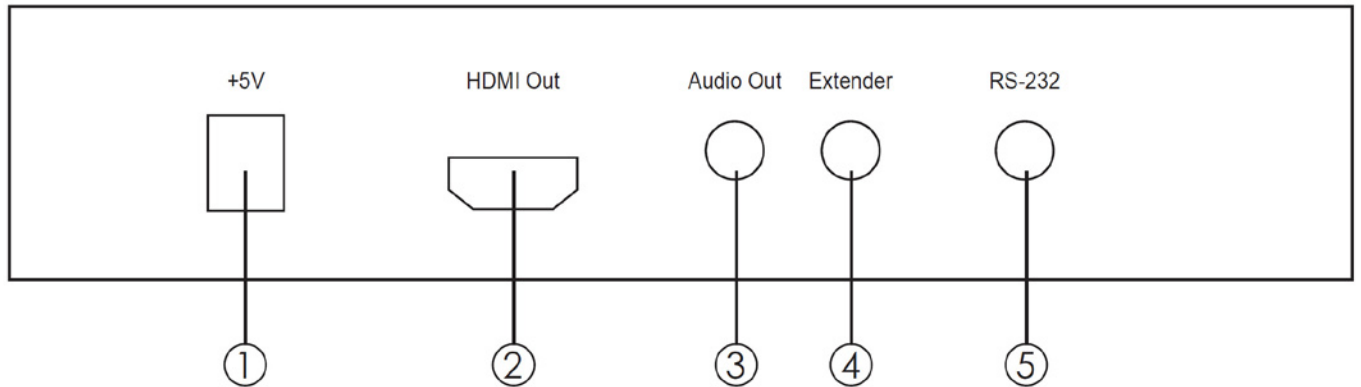
1. +5V – Power jack for plugging the adaptor from the power source.
2. HDMI 1 In – Plug with HDMI cable from the input source device.
3. HDMI 2 In – Plug with HDMI cable from the input source device.
4. Component In – Plug with component video cable from the input source device.
5. Audio In – Plug with 3.5mm phone jack audio cable from the input source device.
6. Blaster – Plug with IR Blaster cable for remote control the source devices with existing controller. (Optional, excluded in this model)
7. RS-232 – This function is for manufacturing use only.

## 6.3 Wireless HDMI Receiver Front Panel



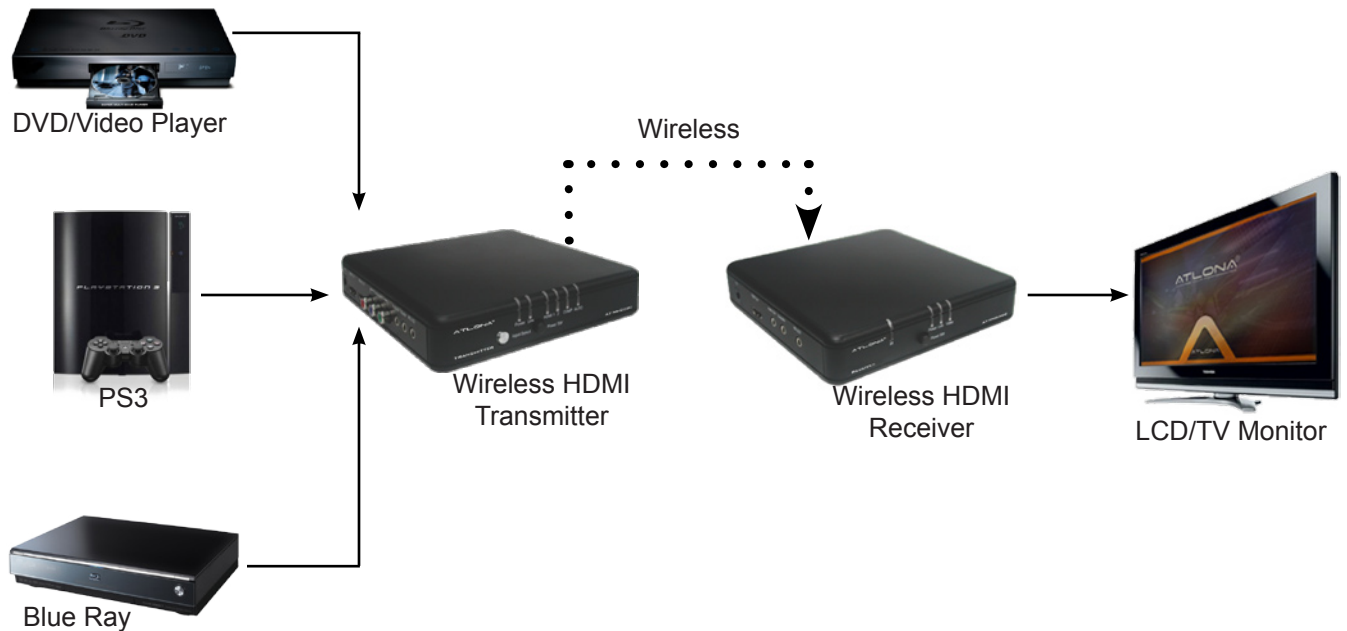
1. IR – IR receiver for remote signal to control the input source equipment.
2. Power LED – Blue LED illuminate when the device is power on.
3. Link LED –Red LED illuminate when HDMI receiver link up with Wireless HDMI transmitter.
4. Video – Green LED illuminate when input source signal is received and send to display.
5. Power SW – Power switch for power on the device and power off.

## 6.4 Wireless HDMI Receiver Rear Panel



1. +5V – Power jack for plugging the adaptor from the power source.
2. HDMI Out – Plug with HDMI cable to the output display device.
3. Audio Out – Plug with 3.5mm phone jack audio cable to the output display device.
4. Extender – Plug with IR Extender cable to extend the IR receiver function from the device and remote control the source devices with existing controller. (Optional, excluded in this model)
5. RS-232 - This function is for manufacturing use only.

## 7. CONNECTION AND INSTALLATION



## 8. SPECIFICATIONS

Standard	Wireless HDMI UWB (Ultra-wideband)
Video resolutions support	480i, 480p, 576i, 576p, 720p, 1080i and 1080p(24fps/30fps)
Frequencies Supported	3.1 ~ 4.8GHz
HDMI	HDMI v1.2a
Audio encoding	2-Channel
Surround, Analog	33kHz, 44.1kHz, 48kHz
IR	Support 38kHz
Hardware encryption	128 bit AEC
Wireless Range	10M in room straight line
Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	162.6(W) x 164.5(D) x 33.5(H)
Weight(g)	Sender: 348 Receiver: 316
Chassis Material	Plastic
Silk Skin Color	Black
Operating Temperature	Operating from 0°C ~ 40°C
Power Consumption	Sender: 8W, Receiver: 8W

### Safeguards

To reduce the risk of electric shock, do not expose this product to rain or moisture.

If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.

Do not modify the wall plug. Doing so will void the warranty and safety features.

This equipment should be installed near the socket outlet and the device should be easily accessible in case it requires disconnection.

### Precautions

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product or cause fires.

In the event of an electrostatic discharge, this device may automatically turn off. If this occurs, unplug the device, and plug it back in.

Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins, or cord exit points from this product.

Avoid excessive humidity, sudden temperature changes or temperature extremes.

Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements and swimming pools.

Use only accessories recommended by ATLONA to avoid fire, shock or other hazards.

Unplug the product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.

Never open or remove unit panels or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-WHD200. Opening the product will void the warranty.

Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.



### LIMITED ONE-YEAR WARRANTY

ATLONA by Lenexpo Electronics warrants only to the initial purchaser of this product for a period of one year from the date of purchase from an Authorized ATLONA Reseller, the product will be free of electrical and mechanical defects that materially affect the products operation as described in this users manual. Within this period, ATLONA will, at it's sole option, repair or replace any components, which fail of normal use or refund the net original price.

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