

# WallarGe 5.8 GHz Wireless TV Headphones User Manual

( Model: HP003, FCC ID: 2AYZG-HP003 )

The user manual takes the red headphone as an example and applies to all colors

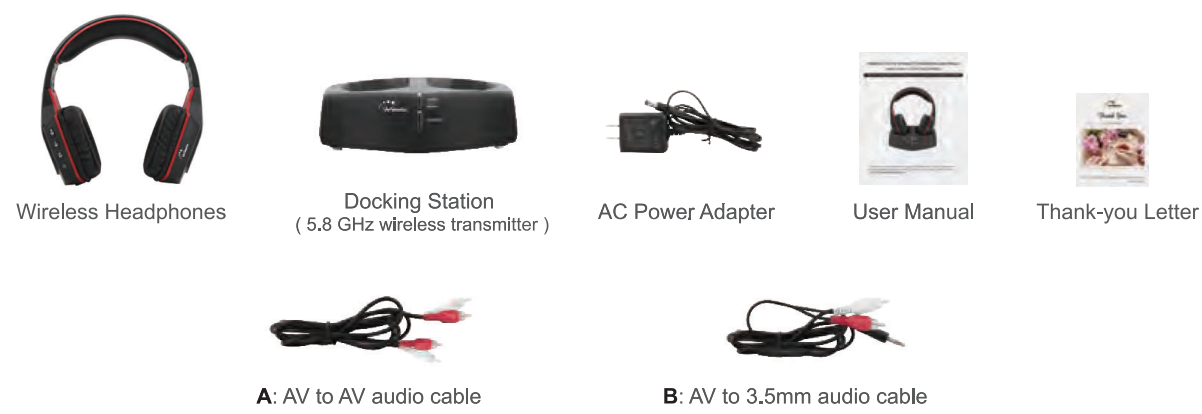


Thank you for your purchase of this quality 5.8 GHz Wireless Over Ear Headphones. Please read these instructions carefully and store in a safe place for future reference.  
 ✉ Email: WallarGe@outlook.com

## Introduction

This headphone adopts the internationally advanced 5.8 GHz wireless audio transmission technology, which is characterized by stable signal (high-frequency frequency hopping anti-interference technology, easy to avoid the interference of other signals), long transmission distance (within a radius of 30 meters) and features such as stereo high-fidelity sound quality. As long as you connect the dock to any audio device you want to listen to, such as TV, PC, MP3, DVD, VCR, HI-Fi system, radio, etc., you can use the headphone to listen to the sound of the audio device either indoors or outdoors.

## Supplied Accessories



### Note: About the choice of audio cable.

- If the A audio cable is used to connect the TV and the docking station, the sounds from the TV can be heard not only by the person wearing the headphones, but also by other people watching TV together without headphones. At this time, the sounds of the TV and the headphones are independent and do not affect each other.
- If the B audio cable is used to connect the TV and the docking station, only the person wearing the headphones can hear the sounds from the TV. At this time, the TV has no external sounds.

## Technical Parameters

Working voltage	docking station ( transmitter ), DC 5V-500mA
Lithium battery capacity	1100 mAh
Frequency response	20HZ-20KHz
Carrier frequency	5.8GHz
Frequency modulation	GFSK
Distortion degree	< 0.5%
Signal to noise ratio	> 70 dB
Range of launch	30 meters (100 feet)
Endurance	20 hours
Charging time	3-5 hours

1

## Overview of the Headphones

### Wireless Headphones

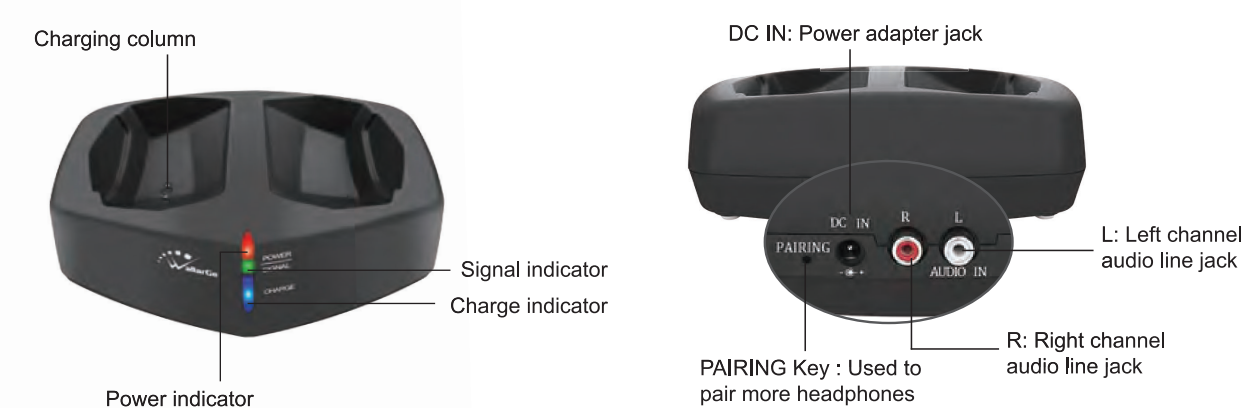
There are four buttons, two indicator and charging contact pole on the left ear of the headphone. The four buttons are power on/off button (⏻), mute button (🔇), volume up button (⏮) and volume down button (⏭). The red light is the power indicator and the green light is the audio signal indicator.



## Overview of the Docking Station

### Docking Station

The docking station is not only a 5.8 GHz RF transmitter but also a charging station. There are three indicator in front: POWER indicator, SIGNAL indicator, and CHARGE indicator. The set of headphone and dock are already paired well so you do not need to pair again before using. But if you need to use the dock to pair 2 or more headphones, you can set it manually by the following steps.



**Pairing steps:** First, use a tool pin to hold down the pairing key until the base signal indicator flashes. Then, press the ⏮ (⏭) button of the headphones at the same time until the green indicator of the headphones continue blinking. Finally, release the ⏮ (⏭) button and wait for 3 seconds until the headphones automatically pair with the base. After the pairing is successful, the green indicator of the headphones will always be on and no longer blinking.

2

## Introduction of Indicators

### Indicators of the Docking Station



**Power Indicator:** After power on, the power indicator light stays red.

### Signal Indicator

- In transmitting mode, the signal indicator light stays green. After connecting to the audio source device, if the signal is received within 3 minutes, the green light is always on;
- During the process of pairing the headphones, the signal indicator will flash until the pairing is successful, then the signal indicator light will be green.
- When charging in the transmitting mode, the transmitting mode is automatically turned off, and the signal indicator is turned off synchronously.
- In standby mode, the signal indicator light stays dim. if no signal is received after 3 minutes, it automatically enters the standby mode, and the indicator light is dimmed.

**Tips:** When the audio cable is only connected to the docking station but not to the audio source device, the audio cable at this time is similar to the antenna of the radio, so it will recognize some static signals. At this time, the signal indicator will remain green and the headphones will also make a static noise. Therefore, it is recommended to turn off the power of the docking station and headphones in time when the device is not in use.

### Charge Indicator

The red light is always on during charging  
 The blue light is always on when fully charged

### Indicators of the Headphones



3

**Power Indicator:** After power on, the power indicator light stays red.

### Signal Indicator

- After power on, if the headphones is connected to the transmitter base normally, the green light will be on, indicating that it is connected with the docking station successfully. When adjusting the volume, the green light will flash to indicate.
- If the connection between the headphones and the transmitter base fails, it will flash, indicating that the docking station is not turned on or the effective connection distance is exceeded.
- During the process of pairing the headphones, the signal indicator will flash until the pairing is successful, then the signal indicator light will be green.
- If the headphones is not connected to the docking station for more than 3 minutes, it will automatically shut down.

## Operation Steps

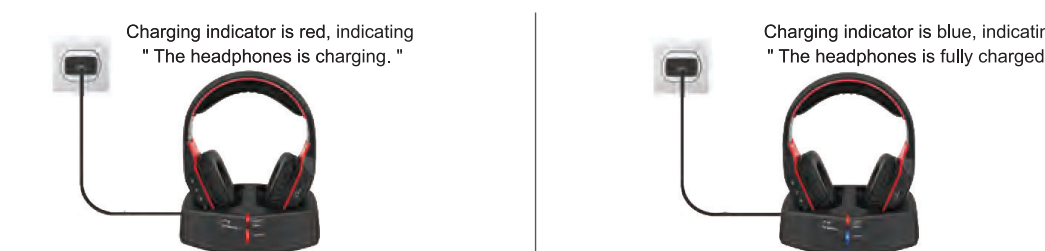
**Step1:** Connect the AC power adapter to the docking station.

**Important:** Connect one end of the adapter to a 110V/60Hz power outlet and the other end to the "DC IN" power adapter jack on the back of the docking station. After successful connection, the power indicator will remain red.



**Step2:** Charge your headphones for at least 3 hours.

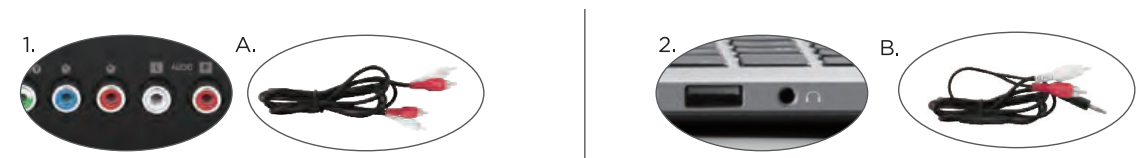
**Important:** Users had better charge the headphones for at least 3 hours before the first use, which can keep the battery of the headphones at its best performance.



4

**Step3:** Check the audio output jack of your audio device and select the desired audio cable.

**Important:** If your audio device has audio outlet as figure 1, select A audio cable.  
If your audio device has audio outlet as figure 2, select B audio cable.



**Step4:** Connect the end of the 3.5mm audio cable to the audio source device and the other end to the docking station.

**Important:** Note that the red line corresponds to the red hole and the white line to the white hole.



**Step5:** Check whether the audio signal indicator of the docking station turn green.

**Important:** When the docking station detects the audio signal input, the signal indicator will remain green. If the docking station does not detect the audio signal input after 3 minutes, it will automatically enter the sleep state and the signal indicator will go off. When the docking station detects the audio signal input again, it will automatically wake up and the signal indicator will resume the green.



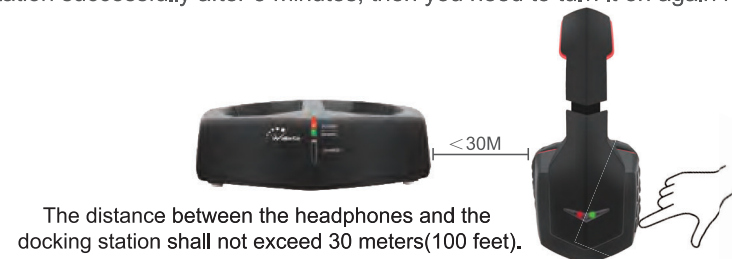
5

**Step6:** Adjust the headband to the most comfortable length.



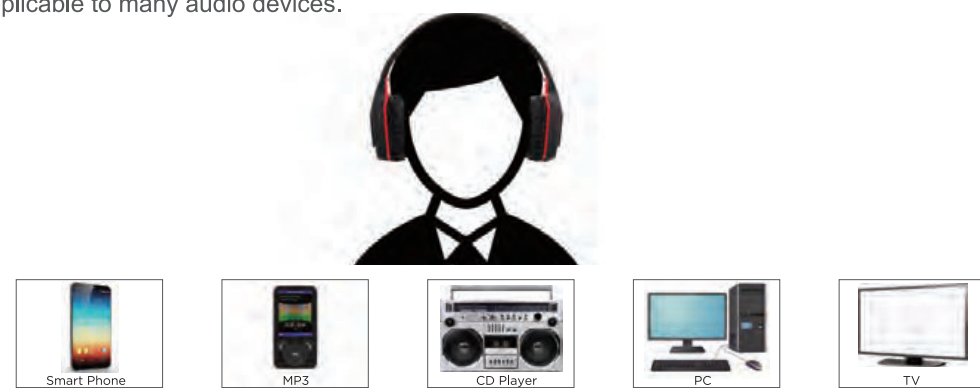
**Step7:** Turn on the wireless headphones.

**Important:** Hold the power button for 2 seconds until the red power indicator on the headphones lights up to turn on the headphones, then wait until the green signal indicator light up, indicating that the headphones is connected to the docking station successfully. However, the headphones will automatically shut down when it doesn't connect to the docking station successfully after 3 minutes, then you need to turn it on again manually.



**Step8:** Put on your headphones and adjust the volume to the optimal volume.

**Note:** Applicable to many audio devices.



#### Important Charging Tips

- Users had better charge the headphones for at least 3 hours before the first use, which can keep the battery of the headphone at its best performance.
- The charging indicator remains red when charging. When the headphone is fully charged (which takes about four hours), the charging indicator turns blue.
- In order to ensure normal charging, the wireless headphones must be placed well to ensure that the charging contact of the wireless headphones is in good contact with the charging column of the base. Both the wireless headphone and the charging station are equipped with magnets. When the wireless headphone comes near the charging station, they attract each other.

6

4. The wireless headphones contains 1100mAh capacity of lithium battery. After a full charge, the headphones can work continuously for 20 hours. (It depends on the headphone volume level and distance from the docking station)

#### Important Safety Instructions

Be sure to observe the following guidelines when using your headset.

##### ⚠ General information

- Do not disassemble the product.
- This product shall not be exposed to or dripping or splashing.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- Do not expose it to excessive heat by heating equipment or direct sunlight.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- To clean the product: Use a dry cloth. Do not use cleansing agents containing alcohol, spirits, ammonia or abrasives as they may harm the product.
- Do not operate or store the product in a place where temperature is below 0°C (32°F) or above 40°C (104°F) as this may shorten the headphones life.
- The mains plug of AC/DC adapter is used as the disconnect device, the disconnect device shall be readily operable.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

##### ⚠ Hearing Safety

- To avoid hearing damage, limit the time you use the earphones at high volume, and it is recommended to set the volume to a safe level.
- Listen at reasonable volumes for reasonable periods of time.
  - Be careful not to adjust the volume continuously upwards as your hearing adapts.
  - You should use caution or temporarily discontinue use in potentially hazardous situations.
  - Excessive sound pressure from earphones and headphones can cause hearing loss.
  - Using headphones with both ears covered while driving is not recommended and may be illegal in some areas while driving.
  - For your safety, avoid distractions from music or phone calls while in traffic or other potentially dangerous environments.

#### Troubleshooting

The following troubleshooting guide takes you through some of the more common problems associated with the installation and/or operation of a wireless system. If the problem persists, please write email to us, we will reply to within 24 hours.

7

Problem	Solution
The headphone can't be turned on	Make sure that the headphone has been charged and won't be low power.
The headphone can't be charged (charging indicator isn't light up)	Make sure the charging contact of the headphones is in good contact with the charging column of the docking station. You might have to rock them back and forth to make a good connection till the charging indicator turn red.
1. The headphones has no sound at all. 2. The headphones has sound on one side and no sound on the other.	<ol style="list-style-type: none"> <li>Make sure all adapter cables and audio cables are connected correctly. (refer to the "Operation Steps" above)</li> <li>Make sure your audio source is not set to mute and has its volume turned up to at least 50% of its volume level.</li> <li>Make sure your headphone is not set to mute and has its volume turned up to at least 50% of its volume level.</li> <li>Make sure the headphone and the docking station have successfully detected the audio signal, and their signal indicator turn green.</li> <li>Maybe the audio cable is broken, try a new audio cable.</li> </ol>
Interrupted sound	<ol style="list-style-type: none"> <li>Make sure all audio cables are connected correctly</li> <li>Shorten the distance between your headphone and the docking station. (The maximum distance is 100 feet/30 meters, but walls and other obstructions will limit this distance.)</li> <li>It is possible that other devices like smart phones or wireless routers may be causing interference. Try turning one device off at a time to determine which device is causing interference.</li> </ol>
Sound coming from the audio source	<ol style="list-style-type: none"> <li>Turn off the internal speakers of your audio sound source.</li> <li>Contact the manufacturer of the audio sound source (such as your TV) for support.</li> </ol>
Headphone shut off automatically	<ol style="list-style-type: none"> <li>Check whether the signal is received normally and whether the signal light is on.</li> <li>Shorten the distance between your headphone and the docking station.</li> <li>The headphone battery is dead, please charge the headphone.</li> </ol>
No communication between the headphone and docking station	<ol style="list-style-type: none"> <li>Make sure that the AC adapter is connected to the docking station.</li> <li>Make sure the headphone has been charged.</li> <li>Make sure the distance between the headphone and the docking station is no more than 98.2 feet /30 meters</li> </ol>
The headphone or the docking station were damaged	Contact us in time for a replacement or refund.

8

#### 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 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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

#### Hassle Free Service

- The product you received does not meet your need?**  
Tell us, we will help you deal with the refund in time.
- Received defective/damage product?**  
Writing to us with your order ID, we will ship you a replacement within 24 hours.
- Unable to operate the product you received?**  
Write us a message, our 24-hour stand-by service team will help you.

#### Our Warranty

90-day money back guarantee  
366-day free replacement  
24-hour stand-by service team  
✉ Email: WallarGe@outlook.com

9