



Enjoy Hi-Fi music beyond boundary!

## User's Guide

Model : RHP-7

[www.a4tech.com](http://www.a4tech.com)

## Federal Communication Commission Interference 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 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*** :To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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.

## INTRODUCTION

The 3D Stereo Wireless Headphone is of the latest wireless technology. Its 3 Channel FM Stereo Technology enables emitting signals travel easily through walls and floors, delivering high-quality stereo sound effect. No matter you are operating your computer, watching TV, VCD, DVD, or enjoying any audio sound and music, this wireless headphone is so convenient that you would love to use it, even when you are working or doing exercise.

Enjoy total freedom of sound without a physically restricting cable at an affordable price. Try this fantastic 3D Stereo Wireless Headphone and set yourself free to enjoy Music beyond boundary!

## FEATURES

### Transmitter:

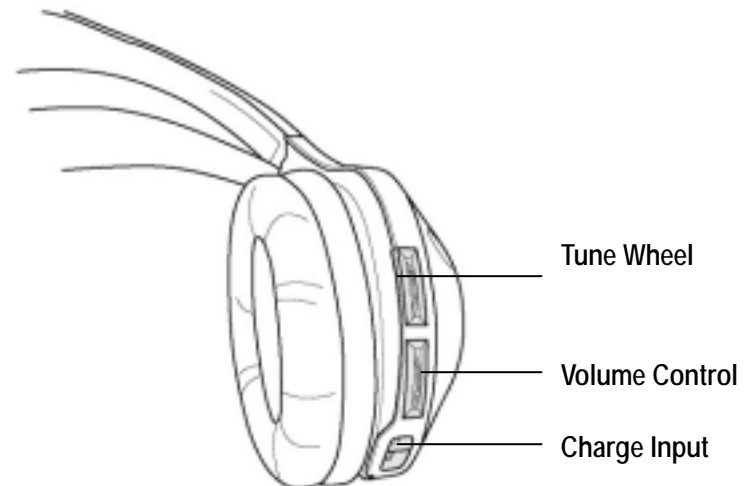
- Three selectable FM Stereo Technology channels: CH1 CH2 and CH3

- Noise Filter Function
- Charge Output Jack for Headphone Charging
- Audio-In Jack for Audio Cord connecting Audio Source, ideal choice for all types of music and TV applications
- Power On Indicator: Green LED Light

### Headphone Receiver:

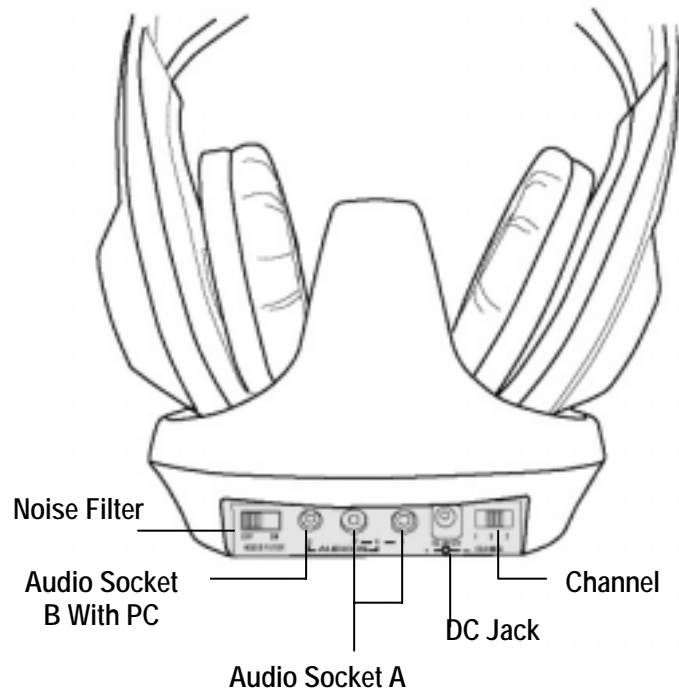
- stereo, supra-aural, wireless RF headphone system
- Self-Adjustable Headband for fitting
- Auto Power Off Function
- Range of up to 100 meters
- Built-in Charging Capability
- Stereo Indicator: Red LED Light
- Tune Wheel for Best Channel Reception
- Volume Control

## HEADPHONE RECEIVER



## INSTALLATION OF TRANSMITTER

- 1) Connect the supplied AC/DC power adapter to an electrical power source or wall outlet.
- 2) Plug the AC/DC power Adapter into the DC jack located on the rear of the transmitter.



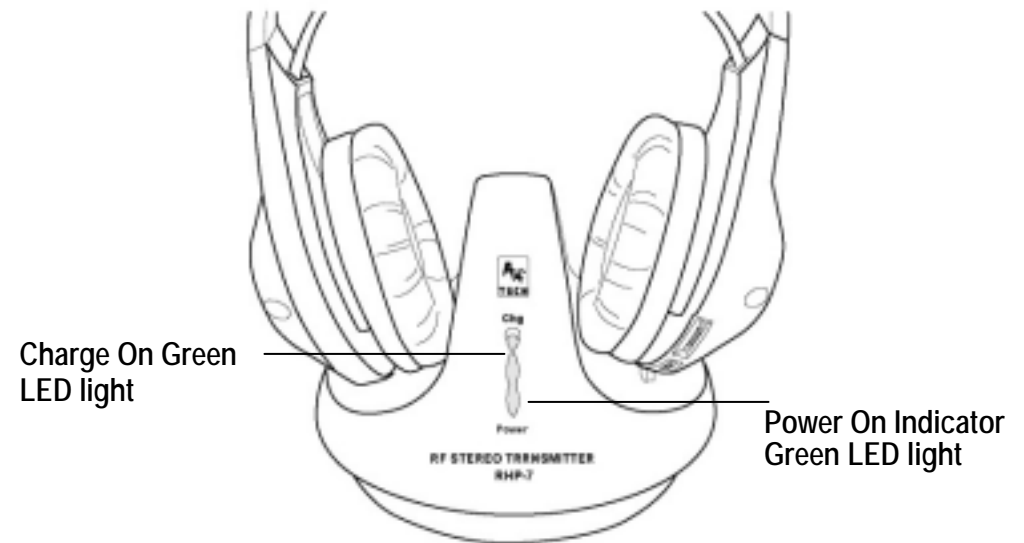
- 3) There have two operations to connect transmitter. You can choice any using way.

- One is locate the audio cable connected AUDIO IN B socket at the rear of the transmitter. The OD 3.5 mm plug provided can be connect your PC Case.
- Other way is take RCA cable connect AUDIO IN A socket at the rear of the transmitter. RCA type phone jacks located on the audio source

back of TV, CD, VCD, DVD. Then insert the red and white RCA plug ends into the equipment jacks marked "Audio Out " to make the audio source connection.

**Note: The Noise Fitter has the effect merely to Audio Socket A.**

## AUTO POWER OFF FUNCTION



The transmitter will have its power automatically cut off few minutes upon turning off the equipments.

## INSTALLATION OF HEADPHONE RECEIVER

- 1) Open the battery compartment cover on the left headphone
- 2) Insert two AAA size Ni-MH rechargeable batteries

- with Both battery's positive(+) side on top.
- 3) Replace the cover and your headphone is ready to use.



Battery Door

## HOW TO CHARGE

- Connect the supplied power cord to the charge out port located on the rear of the transmitter.
- Place the headphone receiver on the transmitter stand at their correct position and ready to auto-charge.
- Power off indicator light "Red" on is a signal for low battery and required charging.
- Power off indicator light "Red" off is a signal for full battery and ready to use.



## OPERATION

- Turn on your audio source (computer or other audio source) to which the transmitter is connected.
- The Wireless headphone is auto working ON when you wear it (The switch adjuster is auto TUNE ON).
- Power Indicator "Green" light on, the battery is on use.
- Place the headphone on your head and adjust the headband to comfortably fit your head and ears.
- Select a perfect Channel for reception: CH1 CH2 or CH3
- Tune the frequency adjustment control wheel located on the right headphone's rear part until the Stereo Indicator with "Red" light on, Stereo sound is available on its best reception.
- Tune the Volume Control to your desired listening level.
- Switch the Noise Filter which on transmitter to ON to delete uneasy noise.



## SPECIFICATIONS

### Transmitter:

Transmission Mode: UHF Stereo

Auto Cut-Off Transmission

Charging Output

Modulation: FM Stereo

Power Supply: DC 12V 300mA

Power Consumption: 280mA (Included charge current)

Audio Input Plug: 3.5mm

Modulation Degree: 60±2 KHz (Condition: Audio Input level: 600mVrms at 1KHz)

Transmission Power: MAX: -15dBm

Auto Turn on Transmission Audio Level: Min 50mVrms

Frequency Channel 1: 912.5 MHz± 200KHz

Frequency Channel 2: 913.0 MHz± 200KHz

Frequency Channel 3: 913.5 MHz± 200KHz

Transmission Band Width Range: 300KHz

### Receiver:

Carrier Frequency: 912-914 MHz

Operating Voltage 1: 2.4V 2×AAA Ni-MH

Operating Voltage 2: 3.0V 2×AAA alkaline

Frequency Response: 20Hz - 20KHz

Signal Noise Ratio: 55 dB

Distortion: 1.5%

Channel Separation: 30 dB

Operation Maximum: 52M (in open space w/o boundary)

**NOTE:** Changes or modifications not expressly approved by the party responsible for compliance to the FCC Rules could void the users authority to operate this equipment.

### CHECK AND RESET

#### No Sound

Ensure the AC adapter is fully inserted into the AC outlet and into the power connection input on the transmitter.

Ensure the headphone ON/OFF switch is in its ON position.

Headphone batteries may be too low. Charge batteries.

Ensure the computer or other audio source is on and tuned to a channel with audio.

Adjust the volume control on the headphone to turn up the volume.

The connected audio/video equipment is not playing (CD, T0ape, etc.). Check the audio source.

#### Distortion

The volume of headphone is low, adjust the volume to your listening level again

Ensure the stereo indicator light is on. If not, adjust the tuning control on the headphone until the indicator light "Red" is on.

Headphone batteries may be too low. Charge the batteries or replace with new ones if they do not charge

The headphone is too far from transmitter, move closer

The input level of the audio signal is too low. Turn up

the volume of the audio source equipment.