of the original receipt as proof of date of purchase

Brooklyn, NY 11204 Monday Through Thursday. 9AM to 5PM Friday 9AM to 1PM Eastern.



Contents

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A. Safety instructions

B. Product instruction

1. What is a TV hearing aid 2. Brief introductions

3. Main functions 4. Main technologies

5. Features

C. Product parts D. Part function

E. Set up and user instructions 1. Wireless TV hearing aid function

2. Regular hearing aid function

3. Wired headphone with hearing aid function 4. Use the regular hearing aid function to listen to telephone

5. Use the regular hearing aid function to listen to mobile phone

6. Computer chatting instruction 7. Charging instruction

. Technology parameters

G. Problems and solutions

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4. Storage condition Temperature: -30 ~ 90°C, please don't let it be shocked, pressed, and wet.

G. Problems and solutions

Phenomena	Causes	Solutions
Receiver does not work, no sound received	The transmitter is not connected well.	Make sure the mains adapter and the audio cable of the transmitter be plugged well.
	The connection between the transmitter and the sound source is wrong.	Make sure the connection correct between the transmitter and the sound source.
	The sound source is not turned on or its volume is too low.	Turn on the sound source, and adjustits volume to a sufficient level.
	The battery is not inserted properly in the receiver or the battery is run out.	Insert the battery properly, or charge the battery fully.
Sound is poor or some noise is occurred	The transmitting frequency is interfered.	Change to another transmitting channel until no interference.
	The receiver is out of the transmitting range.	Move the receiver closer to the transmitter.
	The audio source's volume is set too low.	Adjust its volume properly.
	The battery's power is too low.	Charge the battery fully.
	The transmitter is placed too close to metalworks or other electromagnetic wave objects.	Put the transmitter in a different place or move away the objects affect the signal.
The sound is heard only with one ear	The balance is not adjusted properly.	Adjust the balance control by the screwdriver properly.
	The audio out signal of the audio source is mono, but the transmitter is switched in STEREO status.	Switch the transmitter to MONO status.
Receiver or battery not being charged	The receiver or the battery is not inserted correctly.	Make sure the receiver inserted to the charging bay correctly or the battery inserted to the charging compartment at the side of the

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B. Product instruction

1. What is a TV hearing aid

The TV hearing aid is specially designed for hearing disable people to listen to TV (or other audio devices). It can help to listen to TV sound clearly while other hearing aids can't do it. In the market, hearing disable people can only find some normal wireless headphones for watching TV, the worst thing is that it will make the hearing ability worse and worse by only adjust the volume louder for a long time. Our TV hearing aid can solve above problems. Besides the strong wireless TV listening function, it is a perfect hearing aid and a wired hearing improving headphone. You can use it with a normal telephone, a mobile phone, and even listen to music, listen to radio, etc. 2. Brief introduction PHPHA79 apply 2.4GHz wireless digital audio technology. Ensure the high quality stereo signal being transmitted and received. The frequency automatching function makes the receiver follow the transmitter by itself. The

multi transmitting frequencies ensure several sets being used at the same

mode, one transmitter can match with many receivers. It's convenient for

switch function brings people with different hearing satisfaction.

many people watching the same TV program at the same time. Stereo/mono

time, but not disturb each other. Due to apply the 2.4GHz digital broadcasting

3. Main functions

(1) Wireless TV hearing aid: (refer to article 1 of P9) With the product, the hearing impaired person can enjoy TV programs comfortably and clearly, by his/her special tone, right & left volume. (2) One button switching between TV hearing aid and regular hearing aid: (please refer to Article 1(4) of P10 & Article 2(3) of P12) Press the CH/MIC button on the receiver, the signal received wirelessly will be cut off, and the built-in MIC will be working simultaneously. That

enables the user have a talk with people nearby. When the talk is over,

03

press the button again to listen wirelessly.

Standby current

1. Transmitter

ransmitting frequency

Modulation method

Time of getting into the

Transmitting power

standby status

Transmitting rate

Working voltage

Transmission distance

65±5mA Working current 4±1mA (It will be limited to 350mV to Signal input limiting volt prevent too high voice when the signal input volt is over 350mV.) Signal input range 50mV~1.5V Input protecting vol. Li-ion battery charging current

F. Technology parameters

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2.4GHz ISM

0±2dBm

2Mbps

5.2±0.3V, 1000mA

(after no signal put in)

≥15M (without obstacles)

Transmitter part:

jack and a digital coaxial input jack. (2) Stereo/mono selectable function.

the transmitter from being destroyed.

(1) Volume, tone and balance adjustable functions: adjust them to the best

(2) Audio input function: a standard @3.5mm stereo jack. (3) Equipped MIC input hearing aid function: a standard ⊕3.5mm mono jack. (4) Built-in MIC hearing aid function:

Using it to talk to people nearby while listening wirelessly. (5) Frequency memory function:

Automatically fix to the last frequency when power on again. (6) Automatically frequency matching function:

It will automatically follow and match the frequency of the transmitter. (7) Automatically mute and power off function: When no signal received, it will be muted in 1 minute and then powered off

(8) Powered by a removable 3.7V Li-ion battery.

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(1) Three audio input: a standard 3.5mm audio jack, a digital optical fiber input

(3) 8 selectable transmitting frequencies to avoid interference effectively.

ISM band: 2.4200~2.4835Ghz. (4) Frequency memory function: automatically fix to the last frequency when

power on again.

(5) Two charging solutions: put the receiver directly into the charging bay or put the battery into the spare battery charging compartment. (6) Power input: DC 5V, 1000mA

High voltage input automatic protection function: when the power input exceeds the transmitter capacity, the circuit inside will be cut off to protect

clip the microphone on to your lapel close to your mouth.

close to your mobile phone, otherwise there is some interference. While talking,

please face to the microphone of your mobile phone. It's better that connect your

nobile phone to LINE-IN socket of the receiver by the wired headphone cable.

1) Plug the external microphone cable into the MIC socket of a computer and

(2) Connect one end of the wired headphone cable into the LINE-IN socket of the

receiver, and the other end into the headphone socket of the computer. Ensure

the volume on the receiver is set to the lowest, then switch it on, adjust the

Note: the speaker volume of the computer may need to be adjusted

Note: this function will only be suitable for the mobile phone that its

network is more than 2G.

6. Computer chatting instruction

VOLume, TONE, BALance to your required levels.

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Switch off the receiver, and remain the transmitter on during charging. There are two charging ways (1) Charging the receiver:

Place the receiver into the charging bay of the transmitter. The receiver can only fit into the bay if its indicator faces the indicator of the transmitter.

11. Manual

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(7) In order not to disturb others, you can reduce the TV volume or change it to Note: the transmitter will be in standby status if there is no signal input in 60 seconds, and its working indicator will be off. When you turn the

audio source on, the transmitter will work again. Please turn off the transmitter if you don't use it for a long time.

2. Regular hearing aid function

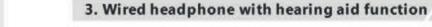
1) Plug the external microphone cable into the MIC IN socket on the receiver. Place the microphone near the sound source you want to amplify. Ensure the volume on the receiver is set to the lowest, then switch it on and adjust the VOLume, TONE, and BALance to your required levels. (2) The external microphone can be also clipped on a pocket as shown for general

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(3) Without the external MIC, press the CH/MIC button on the receiver to turn it to the microphone status. The built-in microphone in the receiver will work. Sitting near the sound source that you want to amplify to get the best effect.

Note: when the external microphone cable is plugged in, the built-in microphone will be cut off automatically.



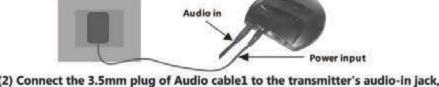


Plug one end of the wired headphone cable into the LINE IN socket of the receiver, and connect the other end to the audio source such as a PC, iPAD, MP3, mobile phone, etc. Ensure the volume on the receiver is set to the lowest, then switch it on and adjust the VOLume, TONE, BALance to your required levels.

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E. Set up and user instructions 1. Wireless TV hearing aid function

1) Connect the power adapter with the transmitter's power jack.

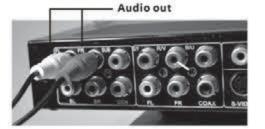


connect the lotiform plugs to AUDIO OUT jack of TV, DVD, STB, etc. (if it is a computer, you need to connect lotiform plugs with Audio cable2, then connect the 3.5mm plug of Audio cable2 to the speaker jack of the computer.) If the TV s used with a STB, DVD, etc., please prior to connect the transmitter with the STB, DVD, don't connect to the TV set directly. (Maybe there isn't audio out signal for some TVs when connect to them directly because manufacturers of TVs are different .)

Connect to AUDIO OUT of TV Connect to AUDIO OUT of STB



Connect to AUDIO OUT of DVD



Connect to AUDIO OUT of Po



If the sound source has a digital audio output, connect the coaxial or optical socket of the sound source with a coaxial cable (not supplied) or the optical

Dual 2.4G Wireless Digital

Hearing Assistance Headset

& Power Dock (2 Headsets)

Systems, Rechargeable Battery



(3) Switch on the transmitter, the working indicator will be on. Choose a suitable place for the transmitter near your sound source (e.g., a TV). Adjust the audio source's volume properly in working status (when the transmitter connected to a STB, DVD, PC, etc.).



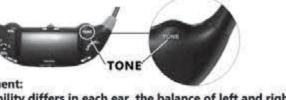
(4) Put the receiver on correctly, with the indicator facing away from your body IMPORTANT: make sure the volume on the receiver is set to the lowest to protect your hearing, then switch it on, its blue indicator will be on. Adjust the VOLume to a comfy listening level. If the sound is interfered, press the channel button at the back of the transmitter to change to another transmitting channel

until no interference, and the receiver will follow it automatically. If you hear the sound only at one ear, maybe the sound source's audio out signal is mono. Thus switch the transmitter to MONO. The RF signal can go through walls of the room, you can move around freely at home or outside. While listening

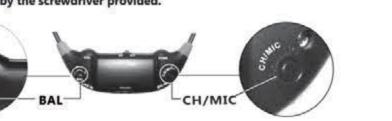


Note: when no signal is received by the receiver (e.g., it is out of the transmitting range or the transmitter is in the mute status), the blue LED will be blinking. And the receiver will be mute until it receives the signal transmitted, otherwise it will be powered off automatically in 3 minutes. Using it again, you need to switch it off, then on.

Rotate the "TONE" wheel to adjust the sound for personal preference.



If the hearing ability differs in each ear, the balance of left and right can be adjusted by the screwdriver provided.



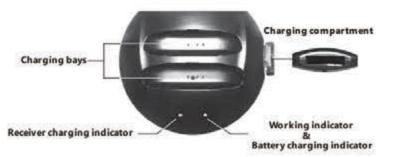
wirelessly, press the CH/MIC button of the receiver, it will be in the microphone status. Press again, it will come back to wireless listening.





1. Transmitter





D. Part function





Note: when using the wired hearing aid function, press the CH/MIC button, the receiver will be in the microphone status. To restore the wired hearing aid function, press the button again.

voice from the telephone speaker. Connect the microphone to the receiver and hold it against the speaker as shown, adjust the VOLume, etc. to your required levels. And adjust the distance between the microphone and the telephone's speaker to get the best sound performance.





5. Use the regular hearing aid function to listen to mobile pho





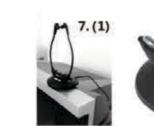


5. Optical fiber cable

6. Microphone cable 7. Wired headphone cable

06

(2) Charging the battery in the charging compartment: Open the battery case of the receiver, pull out the Li-ion battery. Insert it into



transmitter lights up. Once charging is complete, the light will go out.

b) Left lit green for only charging the receiver in the charging bay. Left lit green and right lit, orange (green & red together) for charging the receiver in the charging bay and the Li-ion battery in the compartment at Right lit orange (green & red together) for only charging the Li-ion battery

Remark: Left lit Right lit Both lit

(3) Regular and extensional hearing aid: (refer to article 2 of P12) The receiver can be used as a regular hearing aid. It's very convenient to use in

from phone call.

(5) Computer chatting headphone with hearing aid function: (refer to article 6 of P14)

internet very clearly. (6) Wired headphone with hearing aid function: (refer to article 3 of P12) Connect a MP3/iPhone/PC, etc. to the headphone's line-in jack with the wired headphone cable, the hearing impaired people can listen to the music

to hear words can easily stand out, making television dialogues easier to

(3) Automatic signal control(ASC): Hearing disable people's adaptive faculty for volume change is weak (can't hear loud sound, and can't hear low volume sound), our circuit will adjust the sudden change volume and make the output volume stable. It will avoid strong

Specially designed for hearing loss people whose right and left hearing levels are different. Users can adjust the right & left volume to best fit themselves by the VOLume and BALance.

frequency sensitiveness. They can adjust the "TONE" button to find the best feature, and hear the target audio source clearly.

3.7V (3.3-4.2V)

3mins (after the receiver is in the

48±1mA

standby status.)

-50±2dB

20Hz~15KHz

35~40mW

128±3dB SPL

3.5~4 hours

Working temperature: -10 ~ 60°C Working humidity: 10% ~ 90%

≥15m (without obstacles)

6 hours for TV hearing aid

function, 18 hours for regular

hearing aid function.

A. Safety instructions 2.4GHz ISM GFSK

Listening to at a high volume for prolonged periods could adversely affect

* Do not use the product in situations that require special attention (e.g. when performing skilled jobs).

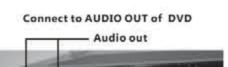
before turning the unit on. Failure to do so can result in high sound levels that could adversely affect your hearing.

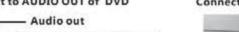
* Do not use in an environment that is damp, wet, very hot or very cold.

remove the power adapter before cleaning the product.

* The unit may get warm when being used. Ensure the unit has adequate

* Only use the supplied power adapter. Do not use any other type of adapter.











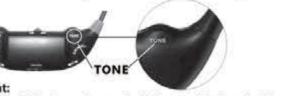


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01



(5) Frequency response:





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4. Use the regular hearing aid function to listen to telephone The external microphone works with the receiver that amplifies the people's















Note: when insert the receiver or the battery correctly, the indicator on the

The indicator will light up on the transmitter in different status as below: a) The right indicator is lit green when the transmitter is switched on.

in the compartment.

Note: charging is monitored automatically and charging will stop when the battery is full. Please allow the battery to run down prior to the first 3

noisy environment, such as group party, dinner together and in the car, etc.

(4) Hearing aid function for phone call: (refer to article 4 & 5 of P13) The external microphone works with the receiver. That amplifies the voice

With this function, the hearing impaired people can hear and talk on the

enjoyably.

(1) Voice clarifying technology(VCT): Reduce background sound of TV, increase the sound of dialogues, so that hard

(2) Noise cancelling technology(NCT): Reduce the environmental noise to help the users to focus on listening to the dialogues of TV.

signal hurting the users' listening. (4) Balance control:

(5) Tone control: Specially designed for hearing impaired people who have different sound

07

10. Earpads

12. Hanger loop

Mounting the hanger loop:

2. Receiver

Receiving frequency

Receiving rate

Working voltage

Static working current

Auto power-off current

Auto power-off time

Wired earphone signal input

Sensitivity of built-in MIC

Sensitivity of external MIC

Frequency response

Receiving range

Maximum output power

Max. output sound pressure level

Working time when Li-ion battery

Li-ion battery charging time

3. Working environment

S/N ratio

Wired earphone input working current | 14~20mA

Working current of MIC input 6~15mA

Max. Gain of MIC signal input 42±2dB (at 1KHz)

Dynamic working current

Please read and follow the safety instructions before using the

When using this unit, basic safety precautions as below should always be followed to avoid the risk of electrical shock or personal injury.

your hearing.

* If using a microphone or line input, the plug MUST be fully inserted into the correct socket and the volume must always be turned to the lowest level

Using this product inappropriately could adversely affect your hearing. Please follow the step-by-step instructions carefully!

* To clean the product, use only a soft cloth and an inorganic cleaner. Always

Install the unit securely on a stable surface in a well ventilated area with at least 5 cm of free space around the transmitter. Install the unit where the power cord will not be subject to damage or create a tripping hazard.

* Please refer all servicing to authorized qualified personnel ONLY! Do not attempt to open the unit!

Put the external microphone near the speaker of a mobile phone. Don't be too MIC IN