

# 2.4 Ghz Wireless Digital Audio Headphone



## **Users Manual**

Before operating the units, please read this manual thoroughly.

# GENERAL SAFETY SUMMARY



**CAUTION**  
**RISK OF ELECTRONIC  
SHOCK DO NOT OPEN**



## CAUTION:

DO NOT REMOVE THE COVER FOR REDUCING THE RISK OF ELECTRIC SHOCK. NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO THE QUALIFIED SERVICE PERSONNEL.

## WARNING

To prevent fire or shock hazard , do not expose the unit to rain or moisture.

## IMPORTANT SAFETY INSTRUCTIONS

1. All the safety and operating instructions should be read before the product is operated.
2. The safety and operating instructions should be retained for future reference.
3. All warnings on the product and in the operating instructions should be adhered to.
4. All operating and use instructions should be followed.
5. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for the cleaning.
6. Do not use attachments not recommended by the product's manufacturer if they may cause hazards.
7. Do not use this product near water - for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool ; and the like.
8. Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electronic shock. Never spill liquid of any kind on the product.

9. Unplug Transmitter from the wall outlet and refer servicing to qualified service personnel under the following conditions.
  - When the power-supply cord or plug is damaged.
  - If liquid has been spilled, or objects have fallen into the products
  - If the product does not operate normally by following the operating instructions, adjust only those controls that are covered by the operating instructions as an improper adjustment of other control may result in damage and will often require extensive work by a qualified technician to restore this product to its normal operation.
  - When the product exhibits a distinct change in performance - this indicates a need for service.
  - If the products has been dropped or damaged in any way.
10. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type or power supply to your home, consult your product dealer or local Power Company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
11. Power supply cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, or other sources, refer to the operating instructions.
12. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
13. Upon completion of any service or repair to this product ask the service technician to perform safety checks to determine that the product is in proper operating condition.
14. The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat.

15. For added protection for this product during a lightning storm, or if it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect cable system. This will prevent damage to the product due to lightning and powerline surges.
16. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

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## Overview

The 2.4GHz Wireless Digital Audio uses the latest wireless technology to transmit crystal-clear audio in a digital format. You can send the CD quality music without compression from your DVD, CD player, MP3 player, TV set, PDA, PC or Notebook to wireless digital headphone. You also can enjoy your favorite music by the wireless digital headphone.

## Features

1. Operating at 2.4GHz ISM band with 8 selectable channels
2. Audio frequency response : 20Hz ~ 20KHz
3. Low power consumption
4. Non-compression for high quality sound with delay time less than 0.5 ms
5. Wireless headphone built-in battery rechargeable function
6. With channel switch & single volume control
7. Application distance up to 30m (L.O.S.) with perfect reception
8. Comfortable fit to wear

## Package Contents

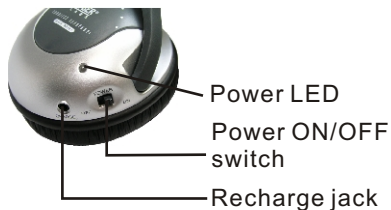
1. Headphone x1
2. Transmitter x1
3. Power adaptor x1
4. Users manual x1



## Names of parts

### Headphone

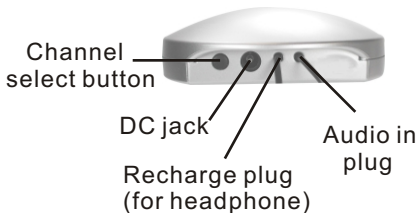
Left



Right

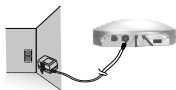


### Transmitter



## ● Operation

1. Plug adaptor with transmitter into standard electrical outlet.



2. Connect transmitter to audio source



2.1 Transmitter will detect Audio signal

2.2 If the transmitter surely detect the Audio signal, it will auto turn on; if not, it won't transmit.

**Caution:** Do not put the transmitter above metal equipments, such as DVD player.

3. Turn on the headphone and it will Auto scan the channel and select the best one.

3.1 When press the channel switch(TACT switch),it will skip to next channel.

## ● Charging battery

### Headphone

1. It can't operate in charge mode.
2. Using the recharge plug (from the transmitter) to plug in headphone socket to charge.



3. When it is in charging, power LED will light in "Green".
4. The proper time of charging is about 12 hours.
5. When it finish charging, power LED will flash in "Green".
6. When power on the headphone, power LED will light in "Red".
7. When the power of headphone is not enough, the LED will light in "Dark red".

## ● Trouble shooting

Please read this users manual carefully before using the Wireless Audio Product. If you still have difficulties to use the product, consult the following syndrome, which will guide you to solve most common problems.

### ● No Sound

1. Check the adaptor rightly connected.
2. Power On/Off switch is in right position.
3. Check all the cables well and rightly connected.



4. Check headphone and transmitter at the same channel.
5. Check the headphone is in full power state.

#### ● Having Interference

1. Move Transmitter and Receiver slowly to find a best reception position for your audio system.
2. Shorten the distance between Transmitter and Receiver.
3. Check if there is any interference of 2.4GHz radio frequency sources or electrical appliances, such as microwave oven, 2.4GHz cordless phone, WLAN or Bluetooth headset, near the Receiver source.
4. If there is any interference radio frequency source near receiver, try to switch the channel to get a best performance.
5. Check transmitter and headphone at the same channel.

## Specification

Description	Transmitter	Headphone
Supply Voltage	9V DC	2.4 VDC
Current Consumption	76 mA (Typ.)	120 mA (Typ.)
Operating Temperature	0°C ~ +50 °C	
Frequency Range	2400 ~ 2483.5 MHz	
Channel Number	8	
Channel Frequency	2410, 2419 ~ 2473 MHz	
Frequency Stability	±100 KHz	
TX Power	EIRP+10 dBm	
RX Sensitivity		-85 dBm (Typ.)
Headphone Impedence		45KOhm
Output Power	20 Hz ~ 20 KHz, -3dB	
Dynamic Range	85dB (Typical)	
Separation	75dB (Typical)	
SN Ratio	80dB (Typical)	
THD	0.1% (Typical)	

### ***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).

### ***FCC Radiation Exposure Statement***

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

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.