

# **DHP390**

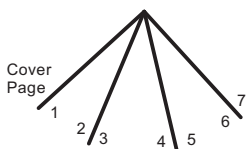
## **2.4GHz Digital Wireless Headphone**



### **User's Manual**

Please read before using this equipment.

Each Page in Size 148 x 210 mm



## **INTRODUCTION**

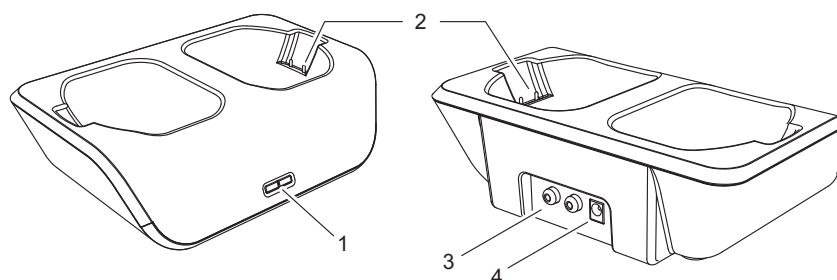
This 2.4GHz Digital Wireless Headphone uses latest digital wireless technology that enables you to enjoy music and TV sound anywhere inside your home. Simply connect the transmitter to a desired audio source: DVD player, CD player, TV set, VCR or Hi-Fi system. Without complicated wiring and installation with your Audio/Video equipments and rear channel amplifier, the system enables you to enjoy thrilling, lifelike sound in minutes.

## **FEATURES**

1. 2.4GHz Digital UHF Technology.
2. 26-Channel Auto Frequency Searching System.
3. Smart Volume Memory Built-in.
4. Electronic Volume Control.
5. Low Power Indicator Alert.
6. High Power 3 x NiMh Batteries
7. Auto Pin Charging Mechanism.
8. Auto On/Off.
9. Auto Shut Off.
10. Muting.
11. Speed charging mechanism.
12. Duplex Transmission

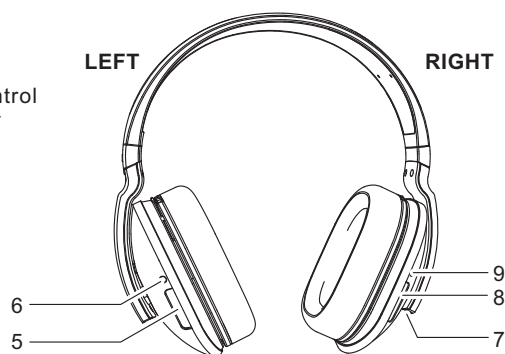
## **COMPONENT PART LIST**

### **A) Transmitter**



1. Power & Charging indicator
2. Charging pins
3. Audio IN socket
4. DC IN socket

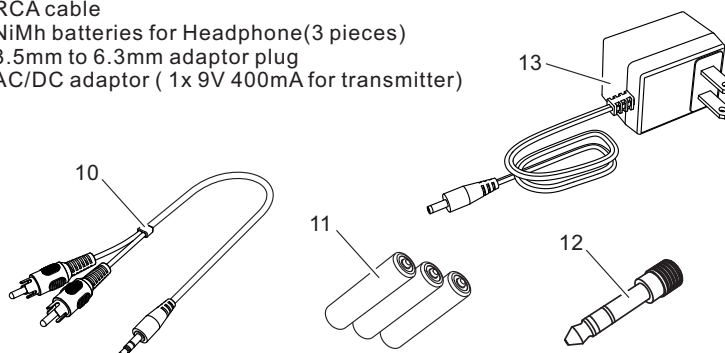
### **B) Headphone Receiver**



5. Volume Up & Down Control
6. Charging LED indicator
7. Charging contacts
8. ON/OFF Control
9. Power LED indicator

### **C) Accessories**

10. RCA cable
11. NiMh batteries for Headphone(3 pieces)
12. 3.5mm to 6.3mm adaptor plug
13. AC/DC adaptor ( 1x 9V 400mA for transmitter)

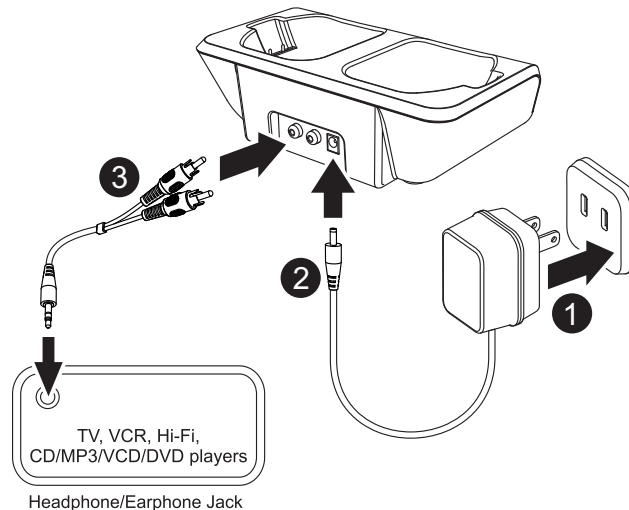


## **INSTALLATION**

### **TRANSMITTER**

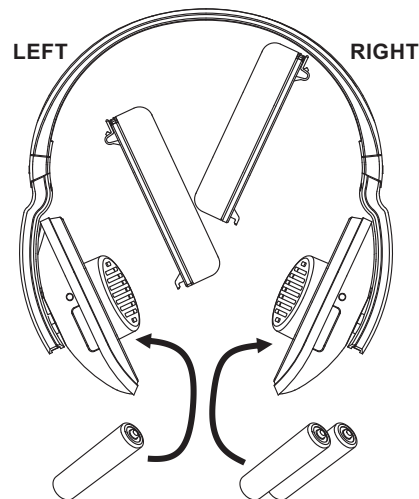
1. Connect the supplied AC/DC power adaptor to an electrical wall outlet.
2. Plug the AC/DC power adaptor in the DC jack located on the rear of the transmitter.
3. The rear of the transmitter has one audio cord that can be connected to audio output jack of TV, VCR, Hi-Fi, CD/MP3/VCD/DVD players or to headphone/earphone jack with the connector provided.

Plug the adaptor in the AC source and connect the audio plug to the audio source. The transmitter will automatically switch on and the blue LED will start flashing when it receives an audio signal.



### **HEADPHONE RECEIVER**

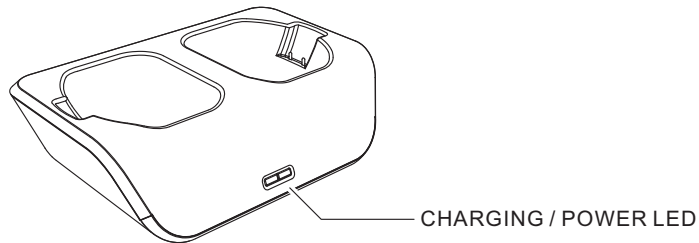
1. To install or replace the rechargeable batteries, carefully remove the earpad mounting from the left and right earphone cabinets.
2. Insert 2pcs of AAA size rechargeable batteries (supplied in the package) into the right earphone's battery compartment and 1pc of AAA size rechargeable battery (supplied in the package) into the left earphone's battery compartment. Make sure the batteries are placed at the right polarity.
3. Snap the earpad mounting back to the earphone cabinets after inserted the batteries.



## **OPERATION**

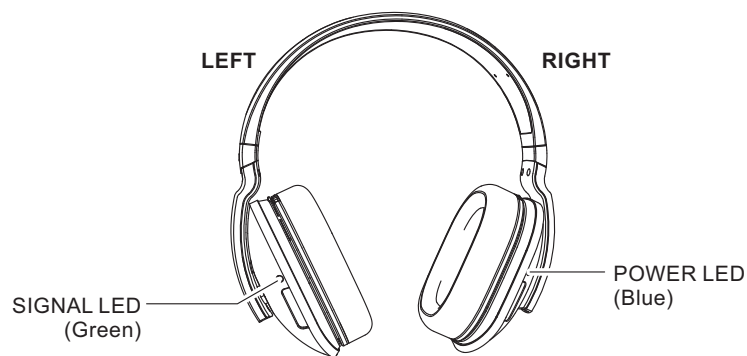
### **TRANSMITTER**

Turn on the audio source (TV or audio component) to which the transmitter is connected with. The Charging / Power LED on the transmitter will start flashing in blue when it receives the audio signal.



### **HEADPHONE RECEIVER**

1. Turn on the headphone by pressing the Power button. The POWER LED (Blue) will light up, the green LED will be flashing until signal link between transmitter and receiver is established.



2. Gently place the headphone on your head and adjust for comfort. To obtain the desired sound level, you can adjust the volume control on the headphone. After you have adjusted the volume in the first time, the smart built-in volume memory will memorize your latest volume level automatically.
3. If interference or poor signal reception occurs, the headphone will perform the muting function automatically, and it will search the best channel out of the 26 channels available. The green LED will be flashing when it is searching for the best channel.

- (Con'd)
4. Charging the batteries
    - a) Turn OFF the headphone first.
    - b) Place the headphone on the transmitter's charging cradle. The charging process begins automatically, and the charging LED will light up in red when the charging contacts of transmitter and headphone are made successfully. When the charging process is completed, the charging LED will light up in green.
    - c) With the smart speedy charging function, the headphone could be fully charged within 5 hours. If the headphone is not in use, please place it back to the transmitter's charging cradle.



### **IMPORTANT**

1. Switching Off
  - a) For protection of the transmitter and power saving, the transmitter will switch off automatically if there is no audio source signal for 3 minutes. If the audio source signal returns, the transmitter will automatically switch back on. Then, power on the headphone again.
  - b) The headphone will switch off automatically if there is no signal from the transmitter for 2 minutes.
2. Make sure the headphone is turned off when charging is in process.
3. Only use the included rechargeable AAA batteries. When the headphone is not in use, turn the headphone OFF.
4. To ensure a long service life, fully charge the batteries before using the headphone for the first time. The initial charge takes 5 hours to complete. Ensure the charging socket located on the right earphone connects securely with the charge prongs on the transmitter cradle.

**This device must be used with the AC/DC adaptor supplied in the package.**

## **TROUBLE SHOOTING**

### **No Sound**

- Ensure the AC/DC adaptor is fully inserted into the AC outlet and the power connection input on the transmitter.
- Ensure the headphone is switch ON.
- Headphone battery charge level may be too low, recharge the batteries fully.
- Ensure the TV or the connected audio device is switched ON.
- The volume of headphone may be too low, adjust the volume to a moderate level.

### **Distortion**

- Ensure the volume level of headphone is set to an approximate level.
- The headphone is too far from the transmitter, move it closer.
- The audio signal input level is too low. Increase the volume of the audio source.

## **TECHNICAL SPECIFICATIONS**

Transmission Mode : UHF Stereo  
Carrier Frequency : 2.4GHz Digital  
Operation Voltage : Transmitter, DC 9V 400mA  
Headphone, 3 x AAA size Rechargeable NiMh  
batteries (included)  
Frequency Response : 30Hz 20KHz  
Distortion : 0.5%  
S/N Ratio : 80dB  
Operation Distance : Up to 150 feet

### **FEDERAL COMMUNICATIONS COMMISSION (FCC) 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 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.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### **FCC RF RADIATION EXPOSURE STATEMENT:**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

### **IMPORTANT NOTE:**

This device has been tested for compliance with FCC RF Exposure (SAR) limits in typical configurations.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.