

# Noise Canceling Headset with Bluetooth® Wireless Technology



Instruction Manual i903

Please read this manual carefully before operating and save it for future reference.

Have a question? Please visit http://www.i-Luv.com

## **USER SAFETY GUIDE**

#### INSTRUCTIONS ON ENVIRONMENT PROTECTION

Do not dispose of this product in the usual household garbage at the end of its life cycle; bring it to a collection point for the recycling of electrical and electronic appliances. This symbol on the product means the instructions for use or the packaging will inform about the methods of disposal. The materials are recyclable as mentioned in its marking. By recycling, material recycling, and other forms of re-utilization of old appliances, you make an important contribution to the protection of the environment. Please inquire at your local community administration for an authorized disposal location.



#### **Important Safety Instructions**

- Read instructions All safety and operating instructions should be read before the appliance is operated.
- Retain instructions The safety and operating instructions should be retained in a secure place for future reference.
- Heed warnings All warnings on the appliance and in the operating instructions should be observed.
- 4. Follow instructions All operating and use instructions should be followed.
- 5. **Water and moisture** The appliance should not be used near water (bathtub, kitchen sink, laundry tub, pool, etc.).
- 6. **Heat** The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- Power sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
- 8. Cleaning The appliance should be cleaned with a dry cloth.
- 9. **Objects and liquids entry** Care should be taken so that objects do not fall and liquids are not spilled into the device's openings.
- 10. Servicing The user should not attempt to service the appliance beyond that described in the user's operating instructions. All other servicing should be referred to qualified service professional.

#### **Additional Safety Instructions**

- When not in use, keep your device in a safe place where it will not be bent or crushed.
- Keep this device away from children. Some small and detachable parts might be swallowed by children and result in harm to them.

#### **USER SAFETY GUIDE**

#### FCC Notice (USA)

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. Refer to 47 CFR Sec. 15.19.

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, 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.

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Refer to 47 CFR Sec. 15.21.

#### **Industry Canada Notice to Canadian Users**

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 of the device. Refer to IC RSS 210 Sec. 5.11. The term "IC" before the certification or registration number only means that the registration was performed based on a Declaration of Conformity and that Industry Canada technical specifications were met. It does not imply that Industry Canada (IC) approved this equipment. Refer to Self-Marking 6(f) and RSP 100 Sec. 4.

# About Electromagnetic Interference (EMI)

This device is designed and manufactured not to exceed the exposure limit for radio frequency energy, which is set by the Federal Communications Commission of the U.S government.

The term "EMI" is short for the electromagnetic interference caused by the electromagnetic field generated by electronic devices. In fact, most electrical appliances and devices emit electric and magnetic fields, and most of modern electronic devices are susceptible to the EMI if they are inadequately shielded or designed.

## **USER SAFETY GUIDE**

# About Electromagnetic Interference (EMI) - Continued

- If you use any personal medical device, such as a pacemaker, please consult the
  manufacture of your medical device to determine if it is adequately shielded from EMI.
  Your physician might assist you in obtaining this information.
- Please turn off this device if you are instructed to do so, especially on an airplane or in a hospital.
- Please keep away from medical instruments in a hospital or medical unit while using this device.

#### IMPORTANT NOTES ON HEARING

Your hearing is very important to you and to us. We strongly recommend you to follow the guideline below in order to prevent possible damage to or loss of hearing. Hearing experts caution that listening to loud sounds can damage hearing over time. With continuous listening to loud sounds, hearing adapts and will give the impression that volume has reduced. What seems normal may, in fact, be harmful. To guard against this before hearing adapts, set the volume at a low level and slowly increase the volume level until sound can be heard comfortably and clearly without distortion. Damage to hearing is accumulative and is irreversible. Ringing or discomfort in the ears indicates that the volume is too loud. Once a comfortable listening level has been established, do not increase the volume level further.

#### Cautions

- If you experience a ringing sound in your ear, lower the volume or discontinue the use
  of this product.
- Do not use the headphones while driving or cycling. Because this product reduces
  the external noises, you might not be able to hear the warning sounds, such as an
  automobile horn, and might result in a traffic accident. Additionally, listening to
  headphones while driving is illegal in many places

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#### **GETTING STARTED**

#### iLuv<sub>™</sub> Noise-Canceling Headphones with *Bluetooth*® Wireless Technology

The i903 frees you from the bondage of a wired environment using *Bluetooth* wireless technology. Not only that, but outside sounds that can be a distraction to pure music enjoyment or an annoyance during an important phone call virtually disappear, helping you focus on what you want to hear and not on what you have to hear. This swivel-designed noise canceling headset has comfortable softcushioned ear pads, and with its mini-USB connection you can attach to most audio devices using the included mini USB to 3.5 mm cable. Plus, using the audio transmitter with Bluetooth wireless technology (included), the i903 essentially transforms an audio device not equipped with Bluetooth wireless technology into one with it. Bluetooth wireless technology also helps you connect to your phone without being physically attached to it, freeing you to walk around and use your hands the way you would if you were talking to a person in the room with you. What's more, you can talk and listen longer with the i903. With nine hours of talking time is available with 8 hours of listening time, the i903 helps you enjoy walking and talking more than you did before.

- Listen to your music wirelessly with Bluetooth wireless technology
- Answer or make your calls wirelessly without taking your mobile phone out
- Highly effective noise-canceling circuitry enhances audio sound quality in noisy environments
- Audio devices without Bluetooth wireless technology can connect to i903 using the included wireless audio transmitter
- Swivel design and enhanced soft-cushioned ear pads give you better comfort
- Integrated remote control functions (Play / Pause / Skip / Stop)\*
- Supports the direct audio wire connection using the included USB mini to 3.5mm cable
- Supports HSP, HFP, A2DP, and AVRCP profiles
- Standby time up to 48 hours
- Continuous listening time up to 8 hours
- Continuous talking time up to 9 hours
- Communication range up to 33 ft
- Compliant with Bluetooth V1.2

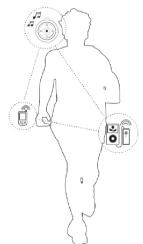
#### What's included

- Wireless noise-canceling headphones
- Wireless audio transmitter
- USB power adapter
- USB cable
- Mini-USB to 3 5mm cable
- Dual-prong plug adapter
- Carrying pouch
- Instruction manual
- Warranty card



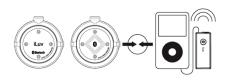
## **GETTING STARTED**

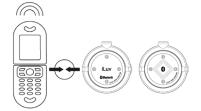
# What is Bluetooth wireless technology?



Bluetooth wireless technology is a short-range wireless communication technology intended to replace the cables connecting electronic devices while maintaining the high level of security. With Bluetooth wireless technology, two devices can communicate wirelessly at the same time without the need to face each other or the concern of interference from other wireless communication within its optimum range of 33 feet.

Through a process called "Pairing," two or more devices with *Bluetooth* wireless technology can interact with each other without interference from other wireless platforms nearby, including other *Bluetooth* wireless communications between unrelated devices.





**Note:** In order to use this headset with other devices featuring *Bluetooth* wireless technology, such devices must be supported by the same profiles as the headset. Refer to the owner's manual of the accompanying device for its *Bluetooth* profiles and for pairing instructions and operating features.

<sup>\*</sup> The integrated remote control feature is only supported when the connected devices support the remote control feature through *Bluetooth* wireless technology.

<sup>†</sup> When connected to a computer or a USB power adapter with the included USB cable, i903 can only be charged. Its other functions will be disabled.

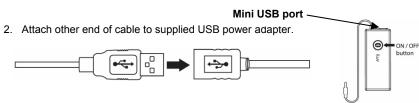
## **GETTING STARTED**

# **Charging the Headset and Audio Transmitter**

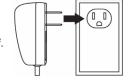
Before the first use of this headset, it is recommended to fully charge the headset and the included audio transmitter (dongle). To do so, follow the instructions below:



1. Locate the mini USB port (on the bottom of the right headphone, or top right on the dongle) before attaching USB cable.



- 3. Plug the supplied USB power adapter to an AC outlet.
- Plug the other end to the USB connector on the headset or dongle. The red light will be on when connected. When the headset/dongle is fully charged, the red light will go off.
- Unplug the USB adapter when the headset/dongle is fully charged.



#### Using your Computer's USB port to Charge

If your computer has a USB port, you can also charge the headset or dongle your computer.

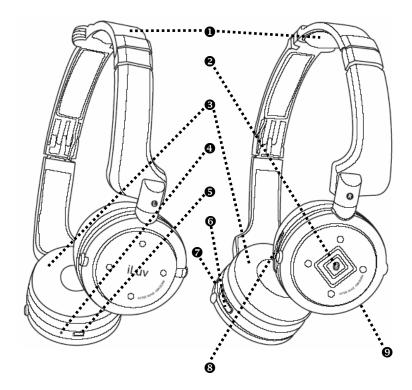
- 1. Follow the directions above for connecting the USB cable to the headset or dongle.
- 2. Connect the USB cable into the USB plug on a computer.
- 3. Unplug when fully charged.

#### Notes on charging

- Use the only the included power adapter to charge the headset.
- The built-in rechargeable battery should be charged at least once every two months.
- · Headset cannot be used while charging.

**Important:** If your unit displays red flash and you hear long beep sound while operating, this indicates low battery condition, so please charge the unit before operating again.

#### **LOCATION OF CONTROLS**



- 1. Folding Head band
- 2. Multi-function button
- 3. Ear cushions for enhanced comfort and noise reduction
- 4. Built-in microphone to pick up your voice
- 5. USB jack to connect to power adapter or audio device
- 6. Volume control
- 7. LED indicator lights when Noise Cancellation is activated
- 8. Power on/off switch for Bluetooth and N/C
- 9. Play/Pause button

# Turning On/Off the i903 or Wireless Audio Transmitter (dongle)

To turn on the i903 and/or the included wireless audio transmitter (dongle), follow the instruction below:

Please find the on/off switch located on the left earpiece.

Three way Switch functions:

(Position 1) OFF: Headset is off

(Position 2) Bluetooth: Bluetooth is in standby mode

(Position 3) N/C On: Noise Canceling feature

Activated

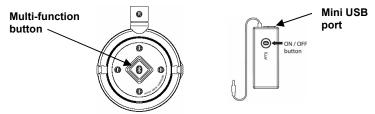


#### To Enable Bluetooth Feature on i903 Headset:

Once the headset is set to standby mode, you could activate the *Bluetooth* wireless technology by pressing and holding the **Multi-function** button on the headset for approximately three (3) seconds. The i903 headset will make a high-pitched **beep**. Followed by **blue** blinking light, indicating the device has been turned on.

#### To Enable Bluetooth Feature on Wireless Audio Transmitter (Audio Dongle):

Press and hold the On/Off Button on the Dongle for three (3) Seconds, then you will see a blue blinking light on the button, indicating device is on and *Bluetooth* feature is ready.



# To turn off the i903's *Bluetooth* feature or go into standby mode Standby mode:

Press and hold the **Multi-function** button for five (5) seconds, then you will hear a beep followed by red light flashing four times

#### OFF Mode:

You could simply use the On/Off button on the headset.

#### To Turn Off the Dongle:

Press and hold On/Off button for five (5) Seconds, you will see a red light flashes for four times, indicating the device is off

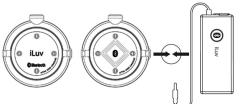
ON / OFF button

#### **OPERATING INSTRUCTIONS**

# Pairing i903 with the Included Wireless Audio Transmitter (Dongle)

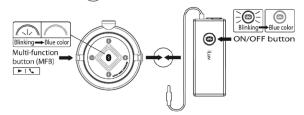
The i903 can be used with an audio device that is not designed to support *Bluetooth* wireless technology using the supplied wireless audio transmitter (dongle). In order to answer and place phone calls while using the dongle, it is important to pair the mobile phone first. After pairing the mobile phone according to the previously-listed instructions, follow these directions to set the pair the i903 with the dongle.

- To set the i903 into pairing mode, make sure to turn on the switch located on the left ear piece. Then press and hold the Multi-Function button for five (5) seconds.
- Press and hold the On/Off button on the dongle for approximately five (5) seconds.
- Both i903 and Dongle will display flashing Blue and red lights, indicating that both are in pairing mode.



 Place the headset near the dongle when both are in pairing mode.

 When the alternating red and blue blinking lights on both devices change to a blue blinking light ONLY, pairing is complete.



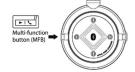
 Plug the 3.5mm end of the dongle into the headphone jack of an audio device and enjoy music playback wirelessly through the i903 stereo headphones.

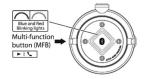
**Note:** Only the volume can be controlled on the i903 when using the dongle. All other functions (skip, stop, forward, etc.) must be controlled using the controls on the audio device itself



#### Pairing i903 with your Mobile Phone or Audio Device

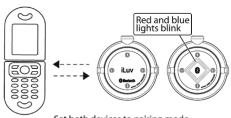
Before using this headset, make sure that it is paired with a mobile phone and audio devices with *Bluetooth* wireless technology. To pair with such a device, follow the instructions below:





- Please make sure the headset is at standby mode. If i903 is currently turned on then press the Multi-Function button for approximately five (5) seconds. There will be a high-pitched beep with red light flashes about 4 times and headset will go into standby mode.
- 2. Press and hold the Multi-function button for approximately five (5) seconds until the red and blue lights blink alternately around the button. The headset is now ready for pairing. (Note: Pressing the Multi-function button longer than five (5) seconds will turn off the headset. If this fails, then turn off the headset and turn it on again by holding the Multi-Function button for five (5) seconds for pairing mode)
- Set your mobile phone or audio device to its pairing mode (phones and audio devices with *Bluetooth* wireless technology will have their own pairing instructions. See owner's manual of the phone or device for these instructions).
- Place the mobile phone or audio device and the i903 close together during pairing. The mobile phone and most audio devices will detect i903 and identify it, displaying the model number i903.





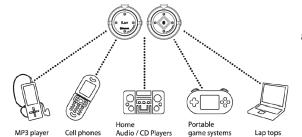
Set both devices to pairing mode

Once the i903 has been identified, confirm as per the instructions on the device. You will be required to enter a password on the next screen.

# Pairing i903 with your Mobile Phone or Audio Device – Continued

- Enter the password: "0000." The phone or device will display a confirmation message after a few seconds. Once the headset is correctly paired, the light will stop blinking red and blue alternately, and will blink blue only.
- Repeat this procedure each time an additional phone or audio device needs to be paired with the i903.





 Enjoy music and answer calls wirelessly using the i903.

#### **Notes on Pairing**

- Be aware that in order to answer and place calls while listening to music, the i903
  must be paired with a mobile phone BEFORE it is paired with audio devices or the
  audio adapter.
- This headset will not be recognized by your mobile phone unless it is properly paired.
  The i903 cannot pair with mobile phones which are not designed with *Bluetooth*wireless technology. It is important to follow both these instructions and those which
  accompany the corresponding mobile phone or audio device.
- The i903 can also be paired with a computer which supports *Bluetooth* wireless technology. For pairing instructions for such a computer, consult the owner's manual for the computer or see a computer specialist.
- The i903 is designed to remember pairing information even when it is turned off.
  However, this feature only works if the corresponding mobile phone is designed with
  the same feature. Consult the owner's manual of the mobile phone or audio device
  for these design features.
- The i903 can only be paired with two devices at the same time; one with the mobile
  phone and the other with an audio device or the supplied wireless audio transmitter.
  Attempting to pair the i903 with a third device will result in the loss of the previous
  pairing connection.

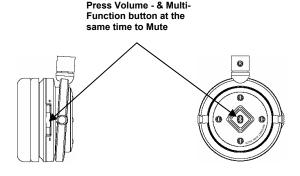
#### Making a Call

The i903 is designed to allow a user to place and answer calls while listening to music wirelessly with *Bluetooth* wireless technology. Your mobile phone must be paired with the i903 FIRST before pairing with other audio devices or the wireless audio transmitter. How calls are made, however, depends greatly on the phone to which the i903 is paired.

- Voice dialing: This unit supports voice dialing only if the corresponding mobile phone supports voice dialing. Please consult the owner's manual of your mobile phone to see if this feature is available. It is recommended that this headset is used to record the dialing voice.
  - a. Press the Multi-function button once.
  - b. Say the name of the person you want to call.
    - Some newer phones will ask you to confirm from among a choice of similar sounding names from which you respond with "yes," or "no."
    - Other older phones will dial directly from your voice recording of a particular name.
    - Please refer to the owner's manual for your mobile phone for instructions regarding this function.
- Normal dialing: Dial the telephone number on your mobile phone. When the call connects, it will be heard through the headset.
- 3. **Adjusting the volume:** Press the Volume buttons (+/-) to a comfortable listening level. This function only works when supported by the corresponding mobile phone.

#### **Muting the Sound**

- To mute the sound during a phone conversation, press the Multi-function button and the Volume – button at the same time until there is a sound inflection in the conversation. The microphone will now be muted and the other person will not be able to hear your voice.
- 2. To return to normal mode, press and hold both buttons again.



#### **Answering a Call**

It is very simple to answer a call with the i903, whether listening to music or already talking on the phone.

- 1. An incoming phone call will be indicated by a ring after which the blue light on the i903 will blink. Press the **Multi-function** button **once** to answer the call.
- If the call is received while you are listening to music, the music will pause or mute (depending on your audio device's formatting), and the call can be taken.
- If the headset is off when there is an incoming call, press the Multi-function button to turn on the headset and answer the call as usual.
- 4. If your mobile phone supports the "automatic function" and it is turned on, this headset will automatically answer the phone whenever there is an incoming call.
- 5. Please refer to the operating instructions in the owner's manual of your mobile phone and your audio device regarding these functions.

#### Notes on Answering a Call

- When there is an incoming call, some phones might not ring when paired with i903, but there will be a beeping sound from the headset. Press the Multi-function button to answer the phone when you hear this beep.
- Similarly, some phones may not send an incoming call signal to the headset. Press the Multi-function button when the phone rings.

#### **Ending a Call**

There are several ways to end a phone call.

- 1. Press the Multi-function button on the headset.
- 2. Press the **End** key on the mobile phone.
- 3. A call will also end as the person on the other end hangs up.

# Answering an incoming call while already on the phone

With the i903, it is possible to answer an incoming call while already on the phone.

- There will be a sound inflection during the phone conversation. Press and hold the Multi-function button until there is a beep. The previous call will be placed on hold without disconnecting and the incoming call can be answered.
- To return to the previous call, press the Multi-function button again until there is a beep.

#### Answering an incoming call while listening to music

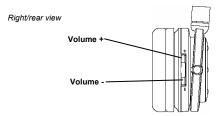
With the i903, it is possible to answer an incoming call while listening to music when the mobile phone is paired first.

- 1. There will be a sound inflection during the music play. Press the **Multi-function** button and hold. The music will stop and the call can be answered.
- 2. To return to the music play, press the Multi-function button again until there is a beep.

**Note:** Your mobile phone with *Bluetooth* wireless technology must be paired with the i903 Before these functions are attempted. If audio devices or audio adapter are paired before the mobile phone, these functions will not perform.

#### **Adjusting the Volume**

To adjust the volume on the i903 (for both phone calls and music), adjust the volume control buttons as shown below.

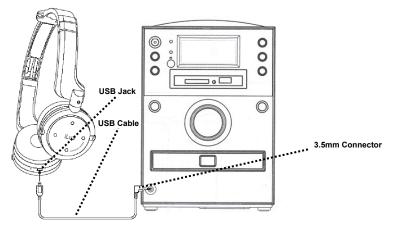


- 1. Press the **Volume +** button to **increase** the volume during a phone call or while listening to music.
- Press the Volume button to decrease the volume during a phone call or while listening to music.

# Connecting i903 to Your Audio Device

Using the USB cable provided, you can connect the i903 to your iPod® or other stereo audio devices.

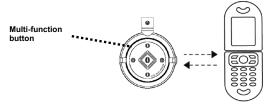
Plug USB cable into the USB jack located at the bottom of the right earphone on your i903 (see illustration). Plug in the 3.5mm connector into your audio device. When connecting headphones directly to an audio device, the *Bluetooth* wireless technology functions are automatically disabled.



#### **Listening to Music**

In order to listen to music on the i903, it must be paired with a device equipped with Bluetooth wireless technology. To pair with such a device, follow the instructions below:

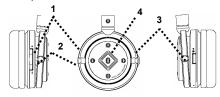
- 1. Turn off the *Bluetooth* wireless communication if it is currently turned on by pressing the **Multi-function** button for approximately five (5) seconds.
- With the Bluetooth wireless communication off, hold the Multi-function button for approximately five (5) seconds until the red and blue lights blink alternately around the button. The headset is now ready for pairing.
- Set your device with Bluetooth wireless technology to its pairing mode (see owner's
  manual of the device for these instructions). The model number of this headset is i903.
  If the device requires a model number entry, please enter "i903." The password for
  the headset is "0000.
- 4. Please enter this password if required by the device. If the headset if correctly paired, the **blue** light will blink.



5. In order to make and receive calls on your mobile phone with Bluetooth wireless technology while listening to music on the i903, be certain to pair the phone BEFORE pairing an audio device or the audio adapter.

#### **Music Playing Functions**

- Volume+/Next: Press and hold this button (>>) for three(3) seconds to skip to the next song.
- Volume-Previous: Press and hold this button (<<) for three(3) seconds to return to the previous song
- 3. Play/Pause control: Press the Play/Pause button to play or pause music.
- 4. **Multi-function/STOP** button: Press once to stop, press one more time to Play. Note: Play/Pause Button and Multi-Function Button will act as play button when player is in Stop Mode or Pause mode.



Active-Noise Reduction remains activated when the headphones are powered on.

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#### ANR does not eliminate all outside sounds.

 This is normal. No ANR headset on the market can completely eliminate outside noises. The noise reduction function only reduces the amount of noise and i903 is capable of -15dB noise reduction.

#### 2. The headset does not work with my mobile phone.

 Be certain that your mobile phone is equipped with *Bluetooth* wireless technology. This headset will only work with such mobile phones.
 Additionally, your mobile phone must be paired with the headset BEFORE all other pairing.

#### There is interference on the headset with my phone or music playing devices.

The maximum distance for *Bluetooth* wireless technology is 33 feet (10 meters). When this distance is approached, background noise will increase. Also, a poor signal on the mobile phone may contribute to degradation the quality of sound as well.

#### 4. There is no sound.

 Ensure that the mobile phone or music player is turned on and set up correctly. Be certain that the volume is turned up on the headset.

#### Sudden drop of volume or hear static or distortion when using Devices with Bluetooth technology

- o Please check your battery level and charge if necessary.
- o Make sure you are not too far away from the unit.
- Make sure you are free from any interfering devices such as walls and any other wireless devices.

# 6. Pairing with other devices with Bluetooth technology is not working.

- Be sure to check your devices manual to see if A2DP Bluetooth Profile is supported.
- Make sure the devices are not too far away from each other.
- Make sure to put the correct password (The default password is "0000").
- Check with your devices manual if the device supports other Bluetooth products.

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- Make sure both devices are in pairing mode to accept connections from each other.
- Make sure the Bluetooth device you are using is Bluetooth Version 1.2 or higher for stable connectivity. (Some of the V1.1 devices might not be fully compatible. Make sure to check your Bluetooth devices manual for compatibility issues)

#### Can not pair with stereo headset with Bluetooth technology made by other manufacturers.

- This could happen if the device has its own security method, or unique password other then "0000". Please check with the manufacturer for compatibility issues. For full compatibility we recommend iLuv Bluetooth Stereo Headset.
- Make sure headset supports A2DP Bluetooth Stereo Profile.
- Make sure the device is fully charged and you are not too far away from the unit.
- Make sure you are not using mono headset to pair. (This will not work since mono headset uses different *Bluetooth* profile. If profiles do not match with the devices you are connecting to, pairing will fail. Please check your device manual, or check with manufacturer to see if device has matching A2DP *Bluetooth* Stereo Profile)

#### 8. Remote functions like play/pause skip/fwd skip/bkwd does not work

- Depends on the device these function might be disabled due to software issues.
- Please refer to owner's manual of the device you are using.
- If you are using Audio Dongle, most of these dongle will not support remote functions, so it is normal for device when control is not working

#### **SPECIFICATIONS**

#### **Product Specifications**

- Speaker Driver: 30mm NdFeB speaker driver
- Frequency Response: 20Hz 20kHz (receiving)
- Sensitivity: 105dB ± 3dB (ANR ON)
- Active Noise Reduction Level: -15dB (Max)
- Bluetooth Version: V1.2
- Bluetooth Profile: HSP, HFP, A2DP, AVRCP
- Standby Mode: < 48hrs
- ANR Stereo Function: < 33hrs (with BT function disabled)
- Listening Mode: < 8hrs (@ max. volume, BT & ANR function enabled)
- Talking Mode: < 9hrs (@ max. volume, BT & ANR function enabled)
- **Power Sources** 
  - Built-in rechargeable battery
    - Battery Type: Lithium Polymer
    - Battery Capacity: 290mAh
    - Charging Time: 2.5 Hours
  - USB power adapter<sup>†</sup>
    - Input: AC 100V 240V, 50Hz/60Hz
    - Output: DC 5V / 0.5A
    - USB port on a computer<sup>†</sup>
- Power Input: 5V / 500mA
- Unit Dimension (Dia. x H): Approx. 55.2mm x 35.0mm (2.17" x 1.38")
- Unit Weight: Approx. 112.7g (0.25 lbs)

#### Wireless Audio Transmitter

- Bluetooth Version: V1 2
- Bluetooth Profile: A2DP. AVRCP
- **Continuous Working Time:** ≤ 5.5 hours
- **Power Sources** 
  - Built-in rechargeable battery
    - Battery Type: Lithium Polymer
      - Battery Capacity: 160mAh (nominal)
      - Charging Time: About 2 Hours
  - USB power adapter<sup>†</sup>
    - Input: AC 100V 240V, 50Hz/60Hz
    - Output: DC 5V / 0.5A
    - USB port on a computer<sup>†</sup>
- Power Input: 5V / 500mA Audio Input: 500mV
- Cord: 2 36" / PVC
- Plug: 3.5mm / Gold-plated / Stereo
- Unit Dimension (W x H x D): Approx. 25.0mm x 6.0mm x 60.0mm (0.98" x 0.24" x 2.36")
- Unit Weight: Approx. 14q (0.03 lbs)

<sup>\*</sup> Specifications and features are subject to change without notice.



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