Bluetooth Stereo Headset
# icombi™ AH10

Index

▶ Caution !! ◀

Before using icombi™ headset, please check up the comments below for safety.

- Do not impact or make a hole with sharpened pins on the product.
- Do not leave in high temperatures or heating.
- Do not touch the headset with wet hands.
- Please turn the headset off where it is prohibited from using.
- Do not leave the headset or charger near/inside a heater or in a microwave oven.
- Do not disassemble or repair at a user's discretion.
- Please use the charger recommended by the manufacturer.
- Sound quality may be compromised or the connection can be interrupted when the headset is used nearby a microwave oven and/or a wireless LAN.

| icombi™ |

1. Product introduction

- **icombi™ AH10H** Bluetooth Stereo Headset will provide you with headset/hands-free functionality and wireless music. In addition, you can control over many of today's digital media and audio devices wirelessly.
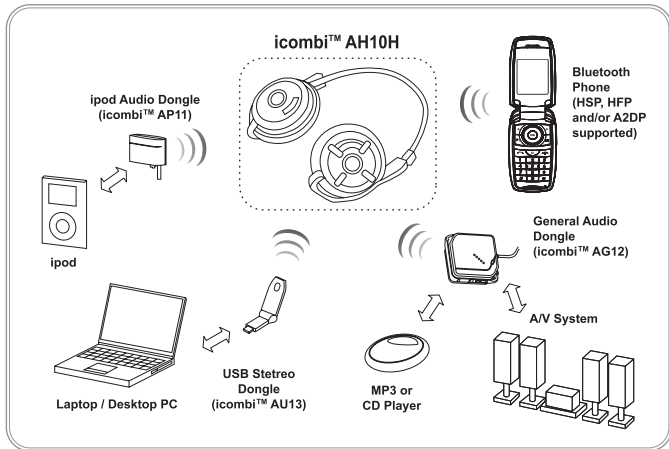
- **icombi™(AP11/AP21) iPod Audio Dongle :** audio transmitter for Apple iPod
- **icombi™(AG12) General Audio Dongle :** audio transmitter for all audio devices with a 3.5 mm audio jack
- **icombi™(AU13) USB Stereo Dongle :** audio transmitter for PC's or laptop's with USB port
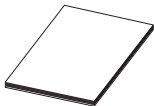
2. What is included in icombi™AH10H package?
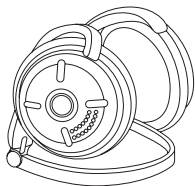
• AH10H Stereo headset •

• AC Adapter •
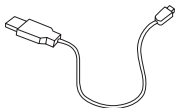
• AP11 or AP21 •
(iPod Audio Dongle)

• AG12 •
(General Audio Dongle)

• User's Manual •
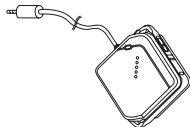
• USB power cable •
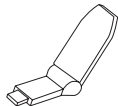
• AU13 •
(USB Stereo Dongle)

• One of the transmitters is available in the package.

• Please choose the right one for your audio device.

3. Headset Features

Power / Talk button

• Left Ear •

Volume up

Play/Pause/
Indicator LED

Track Down

Microphone

Volume down

USB or Adapter
Charging port

Track Up

• Right Ear •

4. Battery charging

• **Before connecting the power adapter to the wall outlet, please ensure the power voltage is suitable for power adapter.**
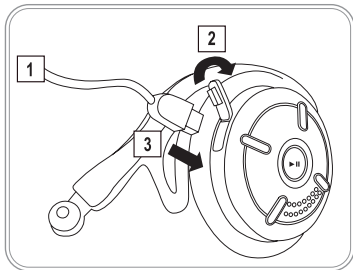
1) Use the AC adapter for the wall outlet or USB power cable for PC's in order to recharge the battery.

2) Open the mini-USB port cover of the Headset.

3) Connect the mini-USB plug to the port of the headset.

4) LED(▶II) light stays red while charging and turns to blue when the headset battery is fully charged.

5) Remove the battery charger from the headset when finished charging.

• **How to check up the battery status?**
Press the Volume up and Volume down buttons at the same time...
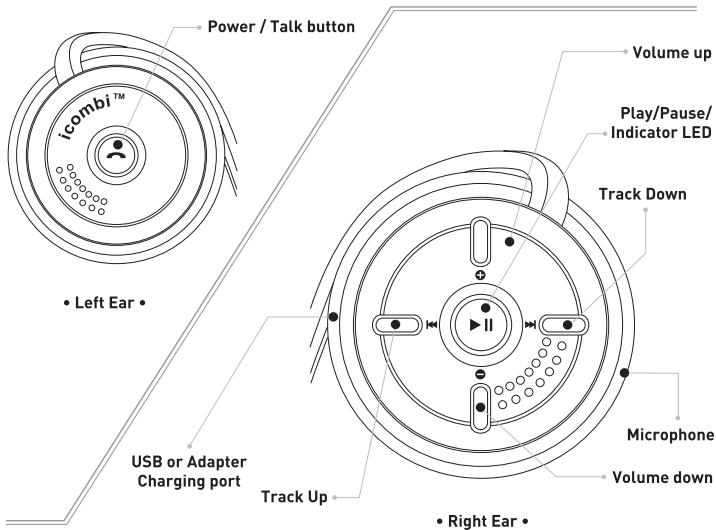
• **When fully charged**
LED (▶II) flash in blue for 2 seconds.
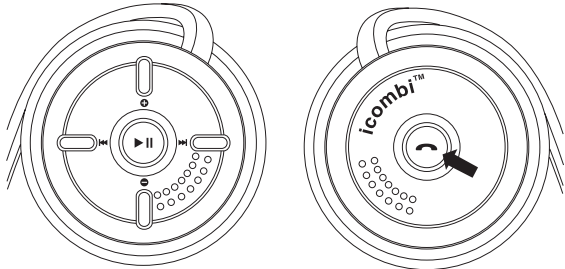
• **When charging needed**
LED (▶II) flash in red for 2 seconds.

• **Charging and using time**

	Standard using time		
Charging Time	Talk Time	Stand-by Time	Playing music continuously
Less than 2 hours	Over 15 hours	Over 180 hours	Over 10 hours

5. Headset pairing and ON/OFF

	Headset pairing	**Headset ON**	**Headset OFF**
Power/Talk Button(☎)	When the headset is powered off, please press and hold the power/talk button for 7~8 seconds.	When the headset is powered off, please press and hold the power/talk button for 1~2 seconds.	When the headset is powered on or in pairing mode, please press and hold the power/talk button for more than 5 seconds.
Beep Sounds	Ascending 4 Step Sound	Ascending 2 Step Sound	Descending 2 Step Sound
Indicator LED (▶‖)	Blinks rapidly in blue 3 times within 1~2 seconds and then blinks spontaneously in red and blue.	Blinks rapidly in blue 3 times within 1~2 seconds and then blinks in blue at an interval of 3 seconds	Blinks in red 3 times and then turned off.

6. Connecting to a Bluetooth phone

• **How to register (pair/connect) the icombi™ (AH10H) Bluetooth headset to a Bluetooth phone?**
(Bluetooth phone means a phone that contains the Bluetooth function inside)

• INITIAL PAIRING : Connecting icombi™ AH10H to a Bluetooth phone for the first time
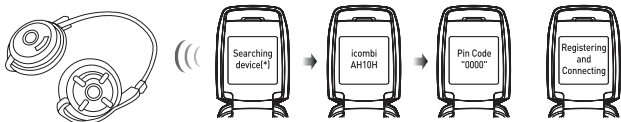
1) Set up the headset for pairing mode (Registration waiting mode). (Registration waiting mode: When pressing the headset power/talk button (📞) for 7~8 seconds, the headset LED (▶❚❚) blinks in both blue and red for 2 min. Please refer to ‹‹Headset pairing" in Chapter 5.›

2) Set up your phone for Bluetooth device search mode.

(Please refer to the user's manual of the Bluetooth phone that a user is trying to pair with the headset.)

3) Choose 'icombi™ AH10H' among the searching list on your phone.

(*) According to a mobile phone maker, the user interface on the phone will differ.
It is strongly recommended that a user should refer to the user's manual of the Bluetooth phone

(*) Headset should be on and in pairing mode.

4) After choosing 'icombi™ AH10H', please enter "0000" when asked for a pin code or a password or such like.

5) When connection is successfully made, the headset LED (▶❚❚) blinks in blue at an interval of 3 seconds.

6) **RE-CONNECTING :** Do not go through the **INITIAL PAIRING** again. Simply power on the headset with the Bluetooth phone powered on. Re-connection will be made automatically to the Bluetooth phone that was once paired with the icombi™ AH10H headset as soon as the user presses the power/talk button (📞)of the headset. Please refer to ‹‹Headset ON" in Chapter 5.›

7) Please refer to Chapter 11. Making and answering calls through icombi™AH10H.

[note] Stereo function will work only with a stereo-supported Bluetooth mobile phone.

7. Connecting to an iPod

• **Connect to Apple iPod using AP11 / AP21**

• **INITIAL PAIRING : Connecting icombi™ AH10H to icombi™ AP11/AP21 for the first time**
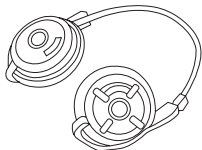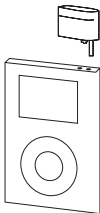
Set up headset for pairing mode   Insert AP11/AP21(⊡) to iPod   Indicator of AP11
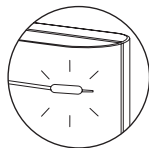
1) During the connection process, the headset LED (▶II) blinks in both red and blue and the LED of AP11/AP21 blinks in blue at an interval of 0.5 seconds.

2) Both the LED's of the headset and the AP11/AP21 blink in blue slowly at a longer interval of time, when the wireless audio connection between the two devices is successfully made.

3) **RE-CONNECTING :** Do not go through the **INITIAL PAIRING** again. Simply power ON the headset in order to re-connect with the AP11/AP21 plugged into the iPod. Re-connection will be made automatically to the AP11/AP21, that has paired with a icombi™ AH10H headset, after a short period time.

4) Users have to go through the INITIAL PAIRING again after the RESET of the headset. Please refer to "13. Troubleshooting" for RESET.

[note] AP11 / 21 does not have a built-in battery inside. It draws power from the iPod.

8. Connecting to an audio device

• **Connect to all audio devices with a 3.5 mm audio jack using AG12**

• **INITIAL PAIRING : Connecting icombi™AH10H to icombi™AG12 for the first time**

1. Set up headset for pairing mode

OFF
ON

Indicator of AG12

2. Power on AG12 and plug it to audio the device

1) During the connection process, the headset LED (▶II) blinks in both red and blue and the LED of AG12 blinks in blue at an interval of 0.5 seconds.

2) Both the LED's of the headset and the AG12 blink in blue slowly at a longer interval of time, when the wireless audio connection between the two devices is successfully made.

3) **RE-CONNECTING :** Do not go through the **INITIAL PAIRING** again. Simply power ON the headset in order to re-connect wirelessly with the AG12 powered ON. Re-connection will be made automatically to the AG12, that was paired with a icombi™ AH10H headset, after a short period time.

4) Users have to go through the INITIAL PAIRING again after the RESET of the headset. Please refer to "13. Troubleshooting" for RESET.

[note] AG12 has a built-in battery inside. It is rechargeable with the power adapter or the USB cable.

9. Connecting to a PC

• **Connect to all kind of PC's with a USB port supported using AU13**

• **INITIAL PAIRING : Connecting icombi™ AH10H to icombi™ AU13 for the first time**

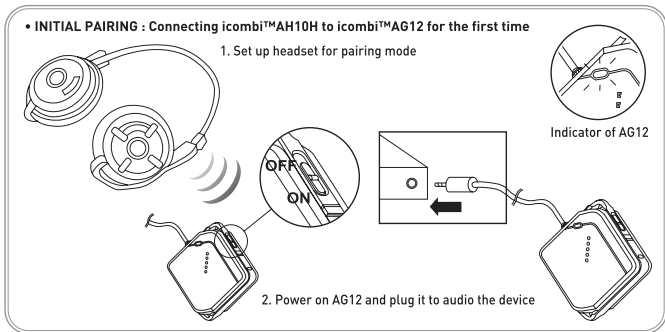1. Set up headset for pairing mode
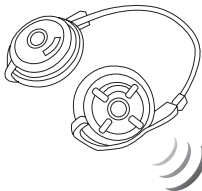
Indicator LED of AU13
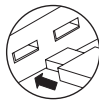
USB port in PC

2. Plug AU13 to PC

1) During the connection process, the headset LED (▶II) blinks in both red and blue and the LED of AU13 blinks in blue at an interval of 0.5 seconds.

2) Both the LED's of the headset and the AU13 blink in blue slowly at a longer interval of time, when the wireless audio connection between the two devices is successfully made.

3) RE-CONNECTING : Do not go through the INITIAL PAIRING again. Simply power ON the headset in order to re-connect with the AU13 plugged into a PC. Re-connection will be made automatically to the AU13, that was paired with a icombi™ AH10H headset, after a short period time.

4) Users have to go through the INITIAL PAIRING again after the RESET of the headset. Please refer to "13. Troubleshooting" for RESET.

10. Connecting to both a Bluetooth phone and an audio device

• INITIAL PAIRING : Connect to the Bluetooth phone first and then to an audio device

Searching device(*)

icombi AH10H

Pin Code "0000"

Registering and Connecting

• **Connect to a Bluetooth phone according to Chapter 6.**

1. Set up headset for pairing mode

2. After the connection is made with the Bluetooth phone, the headset will be in a connection enabled mode for audio devices with the audio dongle (transmitter)

or

or

• Plug AP11 / AP21( ) to iPod

• Plug AG12 to audio device

• Plug AU13 to PC
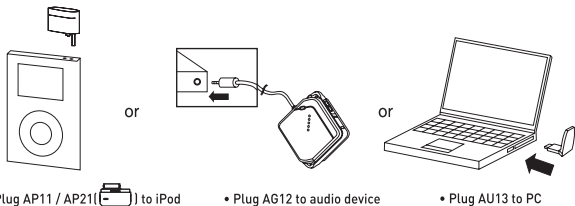
[note] Please make sure the headset must be first Bluetooth-registered (connected) to a Bluetooth phone and then to an audio device when in INITIAL PAIRING process.

11. Making and answering calls   through icombi™ AH10H

• **How to make and answer calls through icombi™ AH10H after the connection is made according to Chapter 6.?**

• **Making calls**

Enter a phone number
and press the send button

1234
-5678

approx.
2 seconds.
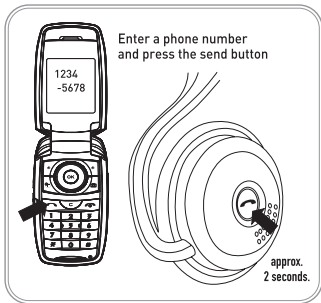
1) Enter a phone number and press the send button of the user's Bluetooth (mobile) phone.

2) During or after making a phone call, please press the power/talk button(✆) of the headset for about 2 seconds to route the audio path to headset in order to talk through the headset.

3) You may re-route the audio path to the Bluetooth phone by pressing the power/talk button of the headset for about 2 seconds again.

• **Answering calls**

1234
-5678
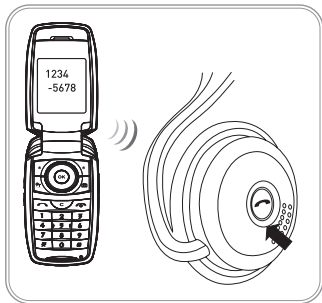
1) Pick up an incoming call by pressing the power/talk button (✆) quickly when the phone is ringing or if you hear the incoming call beep sound.

2) Hang up the call by pressing the power/talk button quickly while or after answering the call.

3) Reject an incoming call by pressing the power/talk button for about 2~3 seconds.

[note] When the user make the last number call by pressing the power/talk button, The number of times he/she may have to press the power/talk button, will differ according to a different Bluetooth phone

12. Making and answering calls   while listening to music

• Making and answering calls while listening to music through icombi™ headset
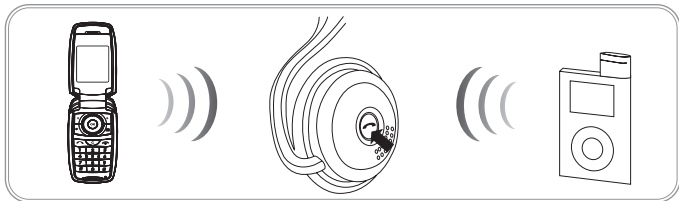
1) First, complete a Bluetooth connection to both phone and audio device. Please refer to "10. Connecting to both a Bluetooth phone and an audio device".

2) Making a call : please follow the same procedure as ‹‹Making calls" in Chapter 11.

3) Answering a call : please follow the same procedure as ‹‹Answering calls" in Chapter 11.

4) The incoming calls will be detected while listening to music and the audio sound or music comes right back in the icombi™ AH10H headset when the call hung up.

Function	Play	Track selecting	Volume control
Button	▶ ❙❙	◄◄ ►►❙	➕ ➖
Selecting status	▶ ❙❙ Play, Pause/Mute	◄◄ Previous track ►►❙ Next track	➕ Volume up ➖ Volume down

Please refer above to the control buttons of the headset and their functionality when listening to music.

13. Troubleshooting

• In case the headset is not switched off while LED is still on

Reset hole

• Right Ear •

Pad

- Push the reset hole with a sharp pin in order to RESET the icombi™ AH10H.
- Users have to go through the INITIAL PAIRING again after resetting the icombi™ AH10H

If you have still a problem after the RESET process, please contact to our local distributors noted at our web site (http://www.icombi.com)

14. Features and specification

Bluetooth Standard	Bluetooth 1.2 compliant	General Radio	2.402 ~ 2.480 GHz
Radio Coverage	Bluetooth Class II Over 10 meters (in open space)		
Bluetooth Profile Supported	A2DP (Advanced Audio Distribution Profile) HSP (Headset Profile) AVRCP (AV Remote Control Profile) HFP (Hands-Free Profile)		
Sensitivity	〈 0.1% BER at -80 dBm		
RF Output Power	Input : AC 100 ~ 240V Output : DC 5V, 500mA		
Power Adapter	0dBm to 4dBm		
Battery	Embedded and Rechargeable battery 3.7V 500mA Li-Polymer Charging Time : within 2 hrs		
Speaker	Diameter: 30mm Frequency Response: 20Hz ~ 20KHz SPL(Sound Pressure Level): 120±3dB @ 1KHz THD(Total Harmonic Distortion): 1% Impedance: 32±15% @ 1V, 1KHz Power Rating: 10mW (Maximum)		
MIC	Typical : -47dBm (Noise Canceling)		
Use Time	Stand-by Time : over 180 hours Talk Time : over 15 hours Music Playback Time : over 10 hours (The maximum operating time depends on the usage frequency and environmental factors. A long distance wireless connection and high volume level will increase the power consumption.)		
Operating Temperature	-20℃ ~ +50℃		
Dimensions	Folded : 65mm x 78mm x 60mm Unfolded : 95mm x 148mm x 64mm		
Weight	80g (battery included)		
LED Indicator Status	Blue flashing: Power on or Stand by mode Blue & Red flashing: Pairing mode Blue : Fully charged		

[note] The above spec. may change in accordance with circumstance situation.

15. Warranty

Product	Bluetooth stereo headset
Model	AH10H
Date of purchase	
Serial No.	
Place of purchase	
Purchasing amount	

Subject to the conditions of this Limited Warranty, the Producer warrants this product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year. Should your Product need warranty service, please return it to the dealer from whom it was purchased.

If, during the warranty period, this Product fails to operate under normal use and service, due to defects in materials or workmanship, our service partners will, at their option, either repair or replace the Product in accordance with the conditions stipulated herein.

- CONDITIONS -

1. The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase, is presented with the Product to be repaired or replaced. The Producer reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.

2. If the Product has been repaired or replaced, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of the Producer.

3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God or damage resulting from liquid. This warranty does not cover Product failures due to improper repair installations, modifications or service performed by any person who is not authorized by Producer. Nor does this warranty cover any failure of the product due to the life time of a battery built in the product. Tampering with any of the seals on the Product will void the warranty.

THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. IN NO EVENT SHALL THE PRODUCER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

The warranty provided does not affect the consumer's statutory rights under applicable national legislation in force, nor the consumer's rights against the dealer arising from their sales purchase contract.