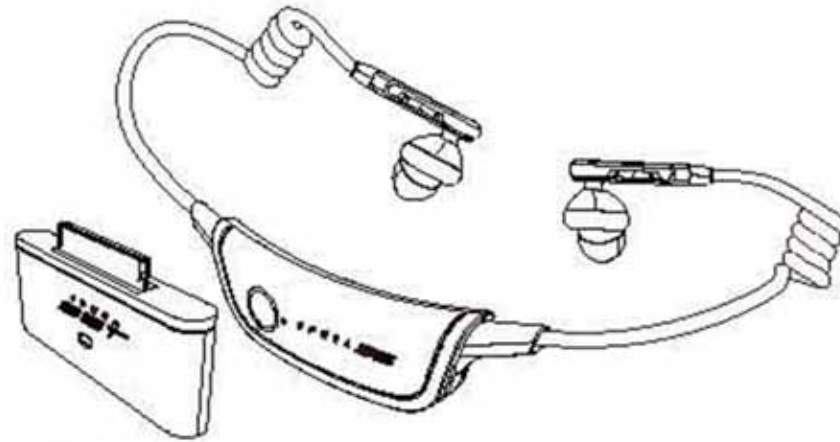# DIGITAL
OPERA

High-fidelity Stereo Sound
True Digital Wireless
No setup required-just plug and play
Compatible with iPod Products
Interoperable with all Kleer enabled audio devices

Product Features

- Ultra low power consumption , long battery life
- More than 10 hours playable
- CD-quality Audio (16-bit , 44KHz)
- Low latency
- Point to multi point protocol (Up to 4 receivers)
- Product interoperability
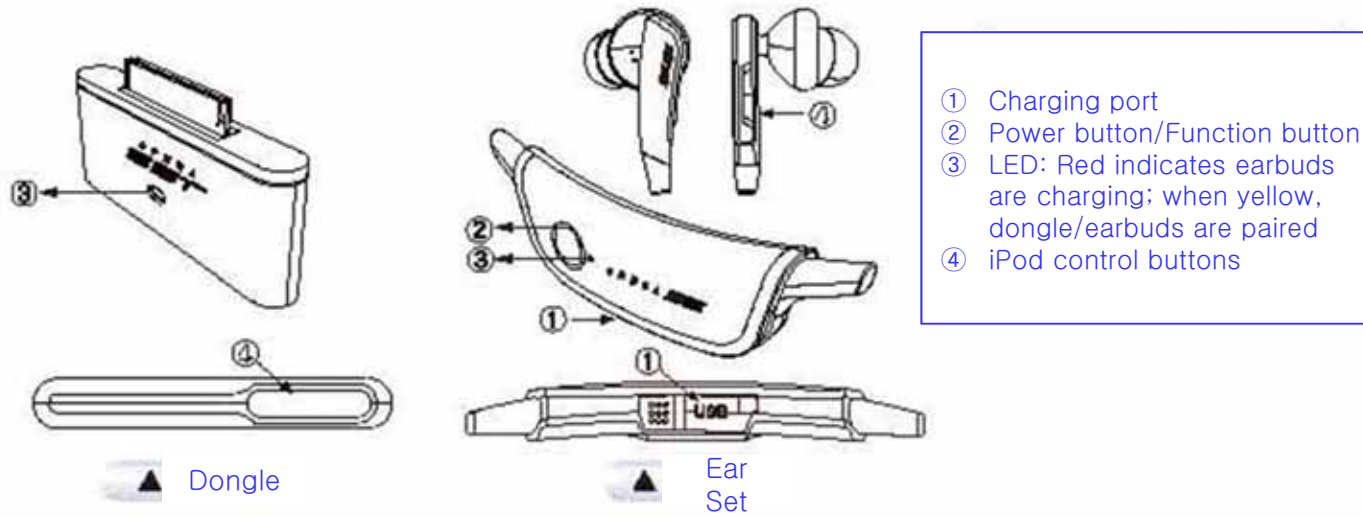- Robust ISM band coexistence

Others

- Dongle and ear phone up to 10m range
- Automatically power off

- Weight
  - Ear set : 22g   - Dongle : 7g
- Dimension
  - Ear set body : 68(W) x 21(D) x 10(H) mm
  - Dongle : 47(W) x 19(D) x 6.5(H) mm

The Opera S5 represents a true breakthrough in high-fidelity wireless music as you can now change songs, pause, and control the volume of your iPod™ from the conveniently located buttons in your wireless earbuds. No more having to pull out your iPod to change songs, now you have all the controls at your fingertips with the Opera S5.

This product has been designed and developed using Kleer wireless audio technology, which streams uncompressed, lossless, CD-quality digital stereo audio in the 2.4GHz ISM band.

Thank you for purchasing this product. Please read this user's instruction carefully before using the product, and keep the enclosed product quality certificate for any service calls.

1

Opera S5 Features

① Charging port
② Power button/Function button
③ LED: Red indicates earbuds
   are charging; when yellow,
   dongle/earbuds are paired
④ iPod control buttons

▲ Dongle

▲ Ear
   Set

Opera S5 Accessories

▲ Mini USB cable for charging

▲ Opera Pouch
   (may not be
   included as it's an
   optional accessory)

▲ User's manual

▲ Soft Flex Sleeves
(M size is mounted as
standard.)

S   M   L

✻ Option : Hanger for wireless earbuds

2

Product Functions

1. Wireless earbuds button functionality

Button		Functions and operating guide	
Right earbud button	∧	Short Key – Increase volume by one level	Long Key – Increase volume continuously
	∨	Short Key – Decrease volume by one level	Long Key – Decrease volume continuously
Left earbud button	∧	Short Key – NEXT	Long Key – FF(Fast Forward)
	∨	Short Key – PREVIOUS	Long Key – REW(REWIND)
🎧		Press and hold Power button for 4 seconds to turn on/off. Momentary Press play/pause music.	

* Dongle button
Use the button on the Digital Opera S5 dongle to associate additional Kleer–based wireless earbuds to this dongle.

2. Earbuds may take up to two hours to fully charge.
  * Red LED indicates earbuds are charging: when LED turns off, earbuds are fully charged
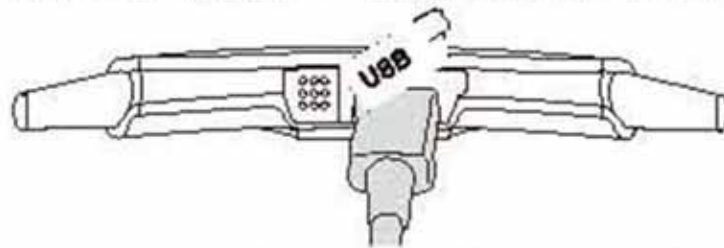
Connect USB terminal to computer or other USB charger.

▦ No power charge required for dongle as it draws a minimal amount of power from your iPod

3. To turn your earbuds on, simply press momentarily the Power button. The dongle automatically powers on once connected to your iPod.

4. To turn your earbuds off, press and hold the Power button for 2 seconds.

5. Please note, as a power saving measure, the wireless earbuds power off if no audio has been transmitted for over one minute.

3

How to Pair Dongle to One Set of Wireless Earbuds

NOTE: Your DigiFi Opera S5 dongle and wireless earbuds ship already paired.

If earbuds and dongle are not paired, please follow these steps:

1. Ensure earbuds are fully charged.

2. Turn off the power on the earbuds by pressing Power button for 2 seconds and continue to hold the button until LED flashes rapidly then release the button. See diagram below.
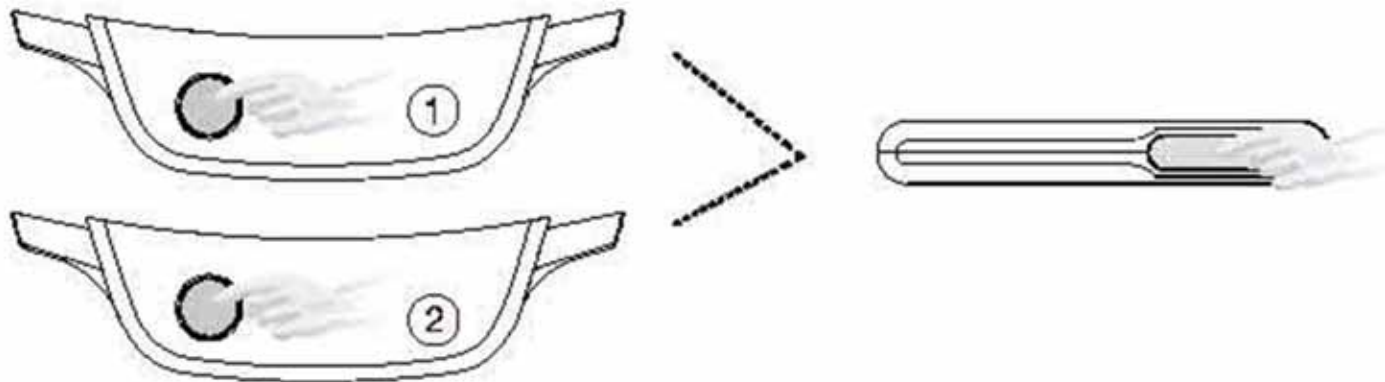
3. While connecting the dongle to your iPod press and hold the Function/Power until LEDs begin to blink rapidly, release the button. The units will associate when during the time when both Earbud and Dongle are flashing rapidly.

5. Both LEDs should start to blink slowly, which indicates that the dongle and earbuds are pairing.

6. Blinking of the LEDs will continue for 15 seconds to complete pairing settings.

7. Once pairing is completed, the dongle and earbuds blink simultaneously in 5 second intervals indicating they are successfully paired.

8. Once dongle and earbuds are paired, you will not need to pair them again.

How to associate additional wireless earbuds to one dongle

Please note you can only associate a maximum of four Opera earbuds to one dongle.

1. Turn the power off on all wireless earbuds. Connect dongle to iPod.

2. Arrange two earbuds as shown in the diagram below. Pair the first earbuds and dongle following the steps on page 4.

3. The dongle remains in association mode for approximately 20 seconds after the first earbuds are paired. During this time, press and hold the power button on the second set of earbuds until paired.

4. Both earbuds should now be paired to one dongle as demonstrated by the simultaneous blinking.

4. To pair the third and fourth earbuds, disconnect the dongle from your iPod to power it off, and then reconnect to power it back on.

5. While connecting, press and hold the power button on the dongle for approximately seven seconds until it begins blinking rapidly indicating it is searching for earbuds to pair with.

6. While the dongle is in association mode looking for earbuds to pair with, press and hold the power button first on one earbud until it begins to blink rapidly and then press and hold the power button on the second earbuds until it too begins to blink rapidly.

7. Once the dongle stops being in association mode, the dongle and earbuds should all blink simultaneously.
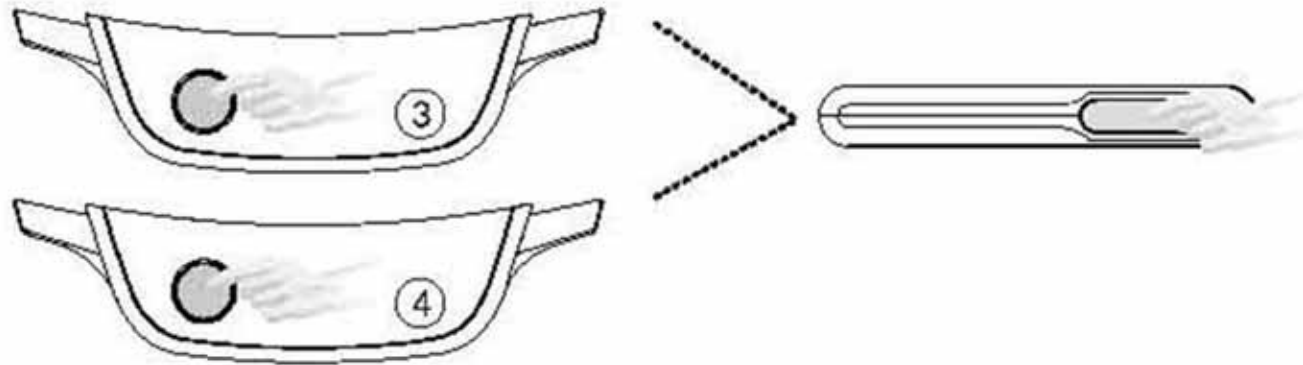
8. All earbuds should now be associated to one dongle.

Frequently Asked Questions

A.   Why does the audio reception fail suddenly?

    1)   The 2.4GHz frequency cannot pass through your body, so please try as best as possible to keep the earbuds and dongle within sight of each other.

    2)   Avoid wrapping the receiver of the earbuds with a heavy scarf or coat collar.

B.   What is pairing?

    1)   Pairing is a synchronization process that ensures the dongle transmits audio to the specified wireless earbuds. Your wireless earbuds and dongle were paired before shipping, meaning you can just plug and play to start listening to music.

C.   What does the charging lamp (LED) indicate?

    1)   When the USB charging cable is connected to the earbuds, the red LED comes on indicating the battery is charging. Once fully charged, the LED turns off automatically.

D.   Why is there no power?

    1)   Please check that the earbud battery is fully charged.

    2)   Verify that the DigiFi S5 dongle is properly attached to your iPod.

E.   Why is there no audio?

    1)   Please check the pairing between dongle and earbud. Both should be blinking simultaneously indicating they are properly paired. If not, please follow steps on page 4.

    2)   Please check that the earbud battery is fully charged.

G. How long does the battery on the wireless earbuds last?

    1) A fully charged battery can give you up to 10 hours of continuous use.

H. Is it possible to listen to music with family or friends?

    1) As this product supports multi-pairing, a maximum of four earbuds can be associated with one dongle. Therefore, it is possible for four people to listen to one iPod.

I. Is this product waterproof?

    1) No, this product is not waterproof, so please avoid using in high humid area such as a sauna, bathtub, or swimming pool.

J. Can I use this product at the gym?

    1) Yes, this product is water resistant but you should still dry it well afterwards.

K. After multi-pairing, why I cannot change the iPod volume

During a multi-user operation, the Vol.+/− function will only change local earbud so that each user can have their own volume settings. Once back in Single User mode, the volume can be controlled on the iPod from the earbud.

L. Can this product be charged with normal 220V AC power?

    1) This product is designed to charge with USB power of PC. So you can purchase USB charging AC adopter (5.7V 750mA) to use normal 220V AC power to charge the earbuds.

"CAUTION : Exposure to Radio Frequency Radiation.
Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

Hardware Specification

▶ General characteristics

1. range	About 10 m indoor
2. Normal Operation time	10 hours
3. Operation current	8~15 mA
4. Standby current	Less than 10uA
5. Weight	Receiver (earbud) : 22g, transmitter (adaptor) : 7g
6. antenna	Earset : dual diversity antenna Dongle : single chip antenna
7. Rechargeable battery time	2 ~ 3hours

▶ Audio characteristics

1. Audio frequency response	20Hz ~ 20KHz
2. Distortion	<0.1% (20Hz ~ 20KHz)
3. Singal to Noise Ratio	Typical 86 dB
4. Ear speaker impedance	16 Ohm
5. Sampling frequency	Max 44.1KHz

FCC Information

This device complies with Part 15 of the FCC Results.   Operation is subject to the following two conditions:

(1) This Device may not cause harmful interface, and

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

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules.   These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:
   1.1. Reorient or relocate the receiving antenna.
   1.2. Increase the separation between the equipment and receiver.
   1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
   1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

"CAUTION : Exposure to Radio Frequency Radiation.
Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

Product Quality Certificate

Product Name : Digital Opera

Equipment Name : Wireless earphone   Model : Opera

Date of MFG. :   Warrant validity : 1 year from the date of procurement

Certified by : DigiFi Co., Ltd.   Manufacturer/Country : DigiFi Co., Ltd. /Republic of Korea

Identification Code :   / SN (Serial No.) :

Date of procurement :   Date   Month   Year

Customer Name :   Phone :

Address :

Store (Agent) name :   Phone :

Address :

This product is warranted for 1 year. (Battery for 6 months)
Product is manufactured under rigorous quality control.
Should any product defect occur within warrant period, defective component will be replaced free of charge
or be repaired. Therefore please register your product number by mail or on-line.
This product is insured for product liability insurance.
Sales & Service (customer service center) Big Beam Co., Ltd. : 080-200-9080
http://cafe.naver.com/operauser.cafe