U·NEEDS
C O M M E R C E

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.

※ CAUTION

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE

CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH

MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

※ INFROMATION

This device and its antenna(s) must not be co-located or operating in conjunction with any other

antenna or transmitter except in accordance with FCC multi-transmitter product procedures.
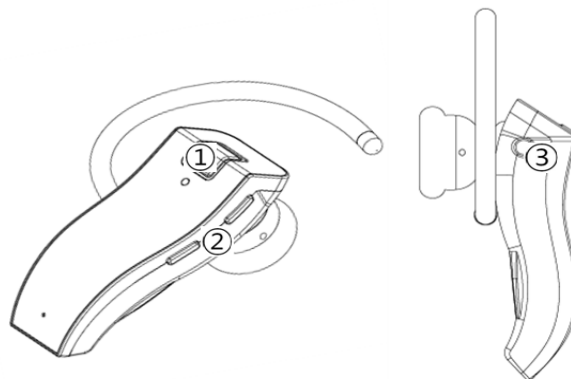
UM-1100 User Guide

1. What is Bluetooth?

By new concept of Multi-communicator Link, it has been researched since 1994 by Ericsson, Bluetooth SIC (Special Interest Group), which was composed of Ericsson, Nokia, IBM, Toshiba and Intel in Feb. 1998. Currently, it is defined as the global local wireless communication standard. In addition, Bluetooth technology has been established on the industry standard of the local wireless interface for "the innovation of the wireless communication", and "no wire world"

2. Introduction of UM-1100

UM-1100 is wireless headset product to fit on the Bluetooth standard qualification and is able to enjoy wireless high quality stereo digital music with PC, PDA, mobile phone, and PMP, which is supported by the Bluetooth.

3. Product specification

① Power / call

② Volume + / Volume -

③ Recharge cable connector

4. UM-1100

· **How to recharge**

- When charger plug is connected, it is lighting on the Blue lamp.

- When completed charging, the light is off

- Average charging time is about 2 hours (When use standard AC adapter)

- In charging: Blue Lamp on

- Complete charging: Blue Lamp off

Caution – When you use USB recharge cable, recharge hour will be taken more than using AC adapter (About 5 hours).

· **Turn On-Off**

 - When push power button for 3 seconds, power is on with "Beep" sound and Blue light on.

 - In operating, blue colored lamp is flickering in each 2 seconds

 - In operating, push power button for 3 seconds then Blue light is off and power is off

※ Caution

In your first operation, you need to carry out the course of pairing. Pairing is registration procedure between Headset and Dongle, or Headset and Bluetooth mobile phone or other Bluetooth devices. In addition this enables you to recognise designated Bluetooth devices. Through this registration process, you can enjoy the music or talk. Moreover it removes the line interruption and sets up the security as well. After first pairing, you don't need to do this again.

※ Usually when it is shipped out, UM-1100 is charged only 30%. After purchase, please use it after completely charging up.

5．Pair Bluetooth Headset

· Pairing

- When pressing power / Call button for 3 second, power lamp is on with "Beep" sound.

- Then you must not release the button until the "Blue" lamp is flickering quickly with the beep sound.

- This shows that the product is ready to be paired with other devices.

- Select "Search the device"or menu of "Inquiry"to the Bluetooth Mobile phone or PC.

- Then you will see the word of the search window "UNEEDS UM-1100"

- Select it then your mobile phone asks PIN number,

- Enter the number 0000 and push the"OK"button

- Blue lamp of the Headset is begun to flicker out in every 2 seconds and the following message is shown up "to be connected between Headset and PC or Mobile phone".

- It is ready to be used.

· Disconnect

- Press "Disconnect" to return to stand-by mode

6. How to use "UM-1100"

· How to talk

- "UM-1100 "supports to voice telecommunication on the mobile phone or VoIP of PC.

- Turn-on / off button

 ✧ When you have an incoming call, you will hear ring tone from your speaker then just press the talk button shortly.

 ✧ You can make the last incoming call redial by pressing shortly the talk button.
  (This function depends on the kind of the mobile phone)

 ✧ To make a call, just follow your normal steps (push the number or select the number) and press the Turn-on / off button shortly.

 ✧ When you shortly press the talk button on your mobile phone while talking, you can talk by the headset.

- You are able to control the volume with Vol- / Vol+ button.

· Main Function

(1) Make a call

  After entering the number, press the on/off button of the headset shortly.

(2) Call the recent talk

When you press the on/off button of the headset shortly your mobile shows up the recent talk list. After choosing the number which you want to call, press the on/off button of the headset.

(3) Using the Voice Recognition Function

If you press the on/off button of the headset for 3 seconds, it operates the voice recognition function. (This function is only operated by the mobile phone supported on the voice recognition function).

(4) Receive the incoming call

When you have an incoming call, you will hear ring tone from your speaker then just press the on/off button shortly. If you want to reject a call just press the on/off button twice.

(5) Convert the Call

When you shortly press the on/off button on your Headset while you are talking on the mobile phone, the call is converted to the Headset.

When you shortly press on/off button on your Headset twice while you are talking on the Headset, the call is converted to the Mobile phone.

(6) Hang up the phone

Press the on/off button of the headset shortly during the call.

(7) Silent Function

The other's voice can be heard but not mine. It is informed of the silent mode with the beep sound in every 5 second. When you press the Vol(+ or -) button for 3 seconds, it is converted to the silent mode with beep sound. When you press the Vol(+ or -) button shortly, it stops the silent mode.

7. Frequently Asked Question

⊙ If you cannot hear any sound from the headset"

- Check on the power of the Headset or Dongle.

- Confirm that the is properly connected with other devices

- Check if headset is registered

⊙ Battery life

- Battery is expendable. So from your initial using moment its remaining time became shorter is usual.

- When you put this product near from some places where are high temperature, high humidity, or low temperature the battery's durability might be reduced.

⊙ Echo

- The echo might be occurred in the narrow and closed spaces such as restroom or stairway etc.

- Depending on the volume, it may occur the resound. In this situation please control your volume.

⊙ Bad Connection

- It may occur the bad connection in the situation that the mobile and Dongle is under the desk or on the bag,

or wrapped by the hand. The unstable frequency situation of the area is another problem to occur the bad connection.

⊙ How long does the Wireless communication distance between headset and mobile phone?

- Normally the wireless communication range is up to 10 metres.

- However distance can be reduced by unstable frequency situation or using wireless LAN at the same time.

⊙ When the charging lamp is not properly working.

-This is not caused by defection of product. This might be triggered by followings

  The battery is fully charged, the charging plug is not properly inserted in a wall socket,

  When you are facing with this situation just unplug the cable then insert it again.

⊙Volume / Noise

  - When you talk in outside, construction site, or highway, your partner might hear the ambient noise.

  - Except you are in noisy areas, volume level must be lower than 3rd from maximum because it cause damage

  of your hearing. Especially, please be aware of long time music listening by mono sound.

⊙ Use while charging

- It is not possible to use while the headset is charging.

⊙ Headset is not working with unknown reason.

- In order to prevent some dangerous situations such as wrong operation, battery overcharging and so on

  headset automatically cut the power off.

- In this situation push the reset switch which is small hole located just next to the cable connecting hole with

clip or needle.

-However don't use reset button repeatedly because it might trigger the breakdown.

For more information, please visit our website at www.u-needs.co.kr

8. Caution for Safety

⊙ Caution

1. Keep the headset away from the flammables which cause the risk of the explosion.

2. Do not drop the headset from high place or give the shock. It may reduce the expected life time.

3. Do not modify, disassemble, or repair this product by yourself. When you are having a problem just contact to purchasing stores or A/S centre directly.

4. In case the headset is sunk or wet, contact to purchasing stores or A/S centre after turning off.

5. Do not use any chemical product to clean the headset.

6. Use the authorized or provided charge adapter by the manufacturer.

7. Please keep the headset in the normal temperature while you do not use this for a long time.

8. Do not use the headset for a long time with high volume. It may damage your hearing.

9. Our product is satisfied by the standard of Bluetooth spec 2.1. It may not be compatible with other

Bluetooth devices,

10. For more information, please contact to our customer service centre.

☉ Exemption Clause

1. Manufacturer, stores and agents are not responsible for any kind of accidental damage or injury which is caused by customer's misuse.

2. The User's guide is written by based on the current product specification.

3. The specification and usage of the product is changeable without notice in order to improve the product quality.

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Detailed Specification & Advantages

ITEM	Specification
Configuration	Bluetooth Mono Headset
FCC ID	WM5UM-1100
Model	UM-1100
Frequency	2 402MHz ~ 2 480 MHz
Output Power	2.5 mW (Conducted Power)
ITU emission Type	1M00F1D
Oscillation Type	PLL(Phase Local Loop)
Communication access Type	FHSS(Frequency hopping spread spectrum)
Bluetooth Version	Bluetooth Ver 1.0
Bluetooth Profile	A2DP/Headset/ Hands-free/ Hand-free 1.0
Range	Maximum: 10m
Operation temperature	(-)30 ~ (+) 80 degrees
Continuous Calling	Maximum 15 Hours
Continuous Standby	Maximum 300 Hours
Weight	61g / 50(L)mm x 50(W)mm x 20(H)mm
Battery	Li-ion Polymer(3.7 Vdc / 75 mAH) From USB Cable connected PC (5.0 Vdc)
Antenna Description	Type: Chip , Connection type: Internal, Gain: 1.0 dBi
Receive Sensitivity	-83dBm