X - MICRO

X-Micro Bluetooth Headset

User Manual

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Introduction

The X-Micro Bluetooth Headset is a most desirable gadget to connect with your Bluetooth mobile phone cordlessly.

By wearing X-Micro Bluetooth Headset, it becomes most effortless for making a call or receiving a call without handling your mobile phone, moreover, makes the communication naturally.

The imperceptible Bluetooth connection can be up to 10 meters and doesn't need line of sight and get rid of annoying cable for good.

The X-Micro Bluetooth Headset can be used with any mobile phone which supports the Bluetooth

Headset profile

- **General Ratio**
  Carrier Frequency : 2.4 ~ 2.480GHz

- **Ratio Performance – Receiver**
  Rx sensitivity < -80 dBm

- **Ratio Performance:**
  CSR BC02 audio Class II Chipset

- **Spread Spectrum**
  FHSS (Frequency Hopping Spread Spectrum)

- **Antenna**
  Chip Antenna

- **Environmental**
  Operating Temperature 0 ~ +55

- **Dimensions & Weight**
  92mm(L) x 50mm(W) x 26mm(H); 26g

- **LED Indicator Status**
  Blue: Power on mode;
  Red: Low power or being charged
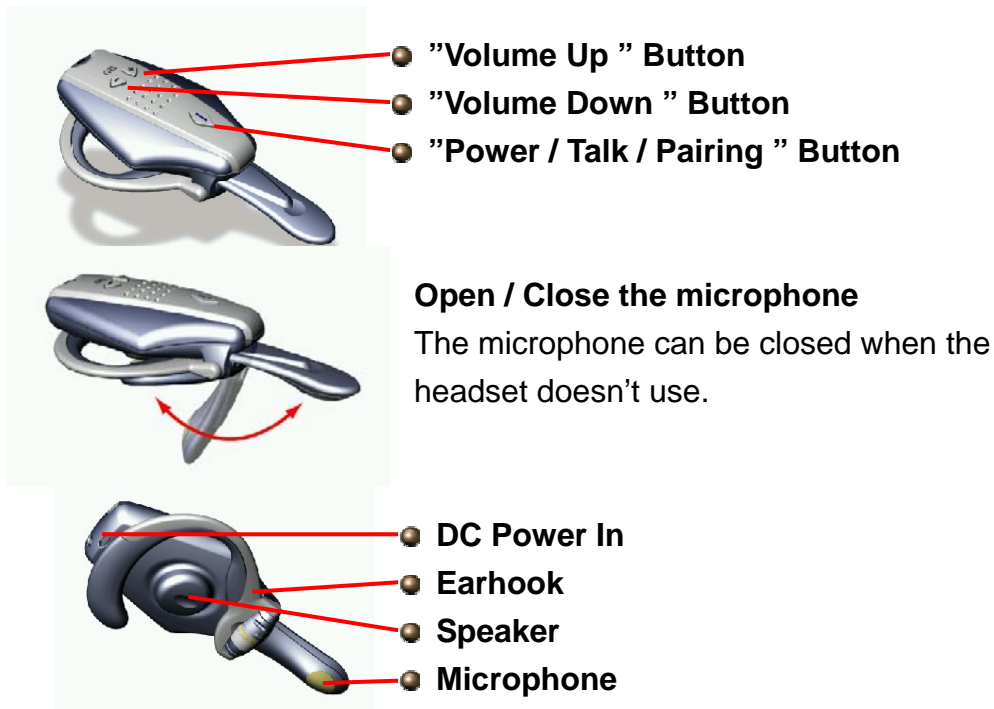 Blue & Red: Pairing mode

- **Power Spec.**
  5V / 500mA

- **Battery**
  3.7V / 160mA

- **Standby time/ Talk time**
  100hours / 4hours

Overview of X-Micro Bluetooth Headset

- "Volume Up " Button
- "Volume Down " Button
- "Power / Talk / Pairing " Button

Open / Close the microphone
The microphone can be closed when the headset doesn't use.

- DC Power In
- Earhook
- Speaker
- Microphone

Changing the Earhook

The X-Micro Bluetooth headset can be worn on either ear. Please carry out the following steps to shift the ear hook for wearing it on the other ear.

1. Carefully remove the earhook from the headset

2. Change the direction of the earhook as shown in diagram 2.

3. Carefully replace the earhook on the headset.
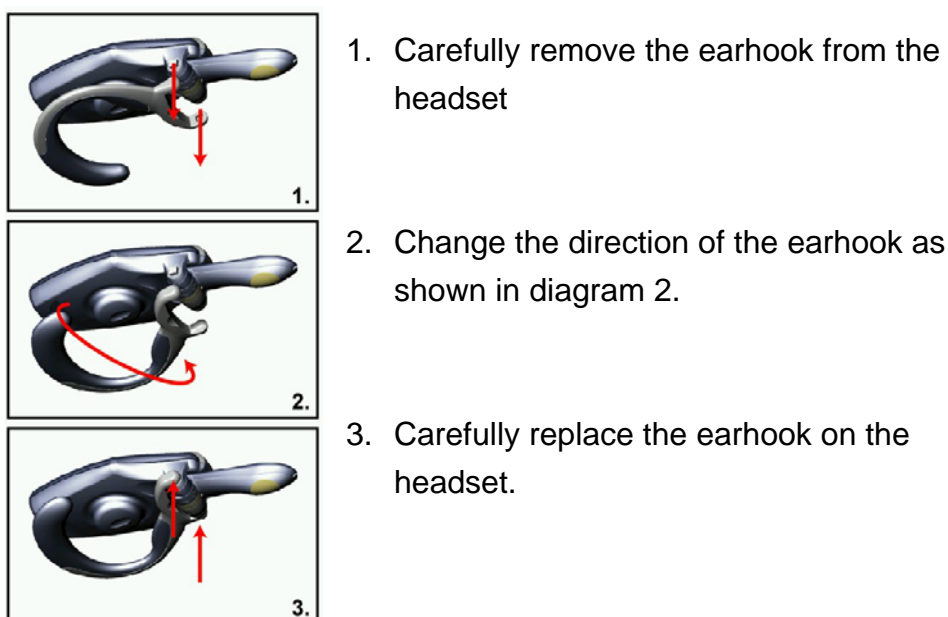
Turning the Headset ON/OFF

To turn your headset ON:

Press and hold the power button ⬯ for 3 seconds, and then the speaker will emit two high tones. When the power is on, the LED in the power button starts to flash blue.

(Note: The headset will go to pairing mode if you press and hold the power button for 5 seconds from OFF status)

To turn your headset OFF:

Press and hold the power button ⬯ for 3 seconds, and then the speaker will emit two high tones. When the power is off, the LED in the power button stops flashing.

Charging the Battery

Before using X-Micro Bluetooth Headset you will have to charge the battery for approximate 3 hours to ensure a fully charged battery.
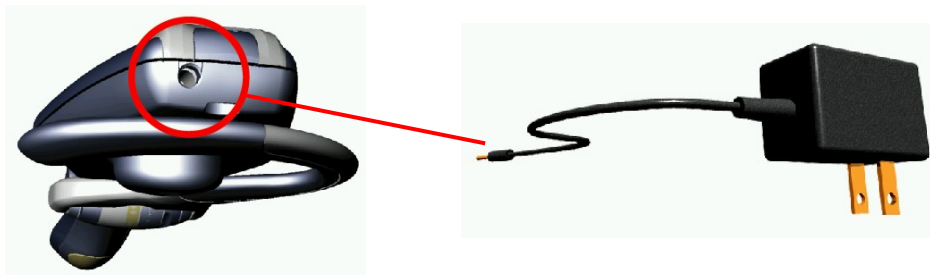
1. Plug the AC power adapter into the DC POWER IN socket situated at the back of the headset.

2. Plug the AC power adapter's plug into an electrical wall outlet.

3. When charging, the LED in the power button ⬯ is on and remains lit until charging is complete.

4. Charge the headset for approximate 3 hours or until the LED in the power button ⬯ extinguishes.

5. Remove the AC adapter from the headset's AC power jack.

Notice: The headset doesn't work while it's charging.

Pairing to a Bluetooth Phone

What is Bluetooth Pairing?

Before using your headset for the first time, you must pair it with a particular Bluetooth cell phone previously. "Pairing" process creates a unique wireless link between two devices. Once paired, the communication between two devices does not need any authentication or authorization anymore.

Please follow the instruction below to pair the headset with a Bluetooth cell phone:

1. Ensure the headset is OFF.

2. Press and hold the power button 　 for approximately 5 seconds until the headset LED starts to flash with blue and red.

3. Release the power button 　 when the LED is flashing, the status indicates that the headset is in pairing mode and waiting to pair with another Bluetooth device.

4. Follow the operating instructions for your Bluetooth phone to start a pairing process.

5. Your phone's display will indicate that it found one or more Bluetooth devices, the "X-Micro Bluetooth Headset" should be included in the list, please select it for pairing.

6. The phone's display then prompt you for a pairing passkey or PIN, please enter four zeros "**0000**"

7. When the pairing process is finished successfully, the headset LED will return to normal status of flashing blue only.

8. Your phone's display may ask you whether you want to change the headset name; you can replace the" X-Micro Bluetooth Headset" with any you may prefer.

Answering/Ending a Call

Answering a Call

After being paired with your cell phone, the headset is now ready to receive incoming calls without handling the phone. When there's an incoming call, both the cell phone and the headset will ring simultaneously. Upon hearing the ring tones through the headset's speaker you can answer the incoming call by pressing power button ⬭ and then speaking normally.

Ending a Call

You can use either of the ways to end a call:

1. Press the headset's power button ⬭ to end a call.

2. Press the phone's keypad to end a call.

Making a Call

There are two ways to make calls:

1. Using the phone's keypad:
   As general usage, dial the phone number you want to call by pressing the phone's keypad. You may also hear the dialing tones through the headset.

2. Using the Voice Dialing through the headset:

What is voice dialing?

Voice dialing is a feature on some Bluetooth phones which allows you make calls by saying the name of the person you want to call. The phone compares your voice with your previous recording (called a voice tag). If they match then the phone will automatically dial the corresponding phone number.

Not all Bluetooth phones support voice dialing, please refer to your phone spec to make sure whether your phone supports this feature.

The headset does not have a keyboard so it necessary to use voice dialing to make calls. To do this you have to record voice tags for the contacts in your phone address book.

If your phone supports voice dialing function, you can use this feature with the headset easily. Note that the voice dialing on your phone must be enabled and the voice tags must have been recorded previously. (Please refer to your phone instruction on recording and storing voice tags)

  II. Briefly press the button once.

  III. After the tone, say the name of the person you want to call.

  IV. The phone number will be dialed automatically by phone after recognizing the correct voice tag.

Play Audio CD, MP3

1. Prepare your computer

Make sure the Bluetooth software is well-installed in your computer and the Bluetooth device is plugged in.

What you need with playing music from the computer:

I.   A Bluetooth Device which supports Bluetooth Headset profile.
     Ex. X-Micro Bluetooth USB Dongle (Class 2) / (Class 1)

II. A Bluetooth software which supports Bluetooth Headset profile.
     Ex. Widcomm 1.3.2.7

III. A Bluetooth headset which supports Bluetooth Headset profile.
     Ex. X-Micro Bluetooth USB Dongle

## 2. Paring X-Micro Bluetooth Headset with your computer

I.   Make X-Micro Bluetooth Headset become pairing mode.

   a. Make sure X-Micro Bluetooth Headset is power off.

   b. Press the power button for 5~7 seconds

   c. When the light flashes red and blue, X-Micro Bluetooth Headset is in the pairing mode.

II. Find X-Micro Bluetooth Headset from the computer.
     Ex. Widcomm 1.3.2.7

   a. Right click on the Bluetooth icon.

   b. Select "Quick Connect".

   c. Select "Headset".

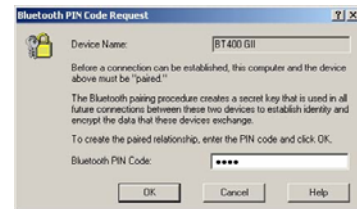   d. Select "Find Devices…".
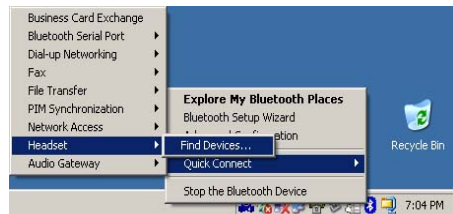
III. Connect X-Micro Bluetooth Headset.

You will see a X-Micro Bluetooth Headset device on the searching windows after the searching mode,

a. Select "X-Micro Bluetooth Headset".

b. Click "Connect".
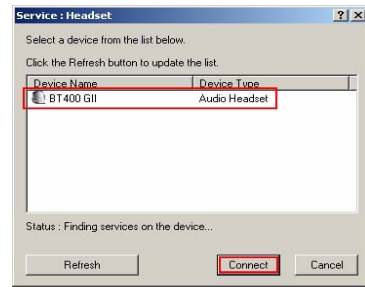
IV. Input the PIN code for the request.

a. Click the Bluetooth icon.

b. When the "Bluetooth PIN Code Request" window appears, enter "0000" (4 zeros).

c. Click "OK".

V. Complete creating a connection shortcut.

a. Click "OK" on "My Bluetooth Places" window.

b. Click "OK" on "Bluetooth Service" window.

VI. Configure Audio Output

a. Open "Control Panel" window

b. Double click on "Sound and Audio Device"

c. Select "Audio"

d. Change Sound playback to "Bluetooth Audio"

e. Change Sound recording to "Bluetooth Audio"

f. Click "OK"
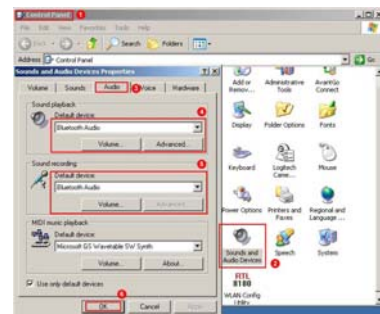
3. Listen to music from X-Micro Bluetooth Headset

 I. Play Audio CD

  a. Connect the X-Micro Bluetooth Headset with the computer:

   - Make sure the headset is power on.

   - Press the power button 1 time.

   - Wait for about 3 seconds the headset will reconnect with the computer.

  b. Put the Audio CD in CD ROM.

  c. Run "Windows Media Player"

  d. Play the Audio CD

 II. Play MP3

  a. Connect the X-Micro Bluetooth Headset with the computer:

   - Make sure headset is power on.

   - Press the power button 1 time.

   - Wait for about 3 seconds the headset will reconnect with the computer.

  b. Double click on the MP3 file.

  c. The MP3 file will be played.

Appendix I

Button Function

Power Button	Turn ON/OFF	Press the power button for 3 seconds until the blue LED flashes five times.
	Answer/End calls	Press the power button once
	Pairing	When the headset is off, press the power button to turn on and keep it pressed for about 5 se4conds until the LED flashes blue and red alternately.
Down/Up Button	Volume control	Press the UP or DOWN button repeatedly until you reach your desired level.
	Mute/Unmute	Press the UP or DOWN button for about 2 seconds

Appendix II

Audio Tone

Turn On	Two high tones
Turn Off	Two low tones
Pairing mode	Two High tones
Incoming Call	A ring tone at 2 seconds interval
Mute	Repeated two low beeps at 3 seconds interval
Unmute	A single beep
Battery low	Start when the talk time is left about 3-5 minutes. At a 16 seconds interval

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www.x-micro.com