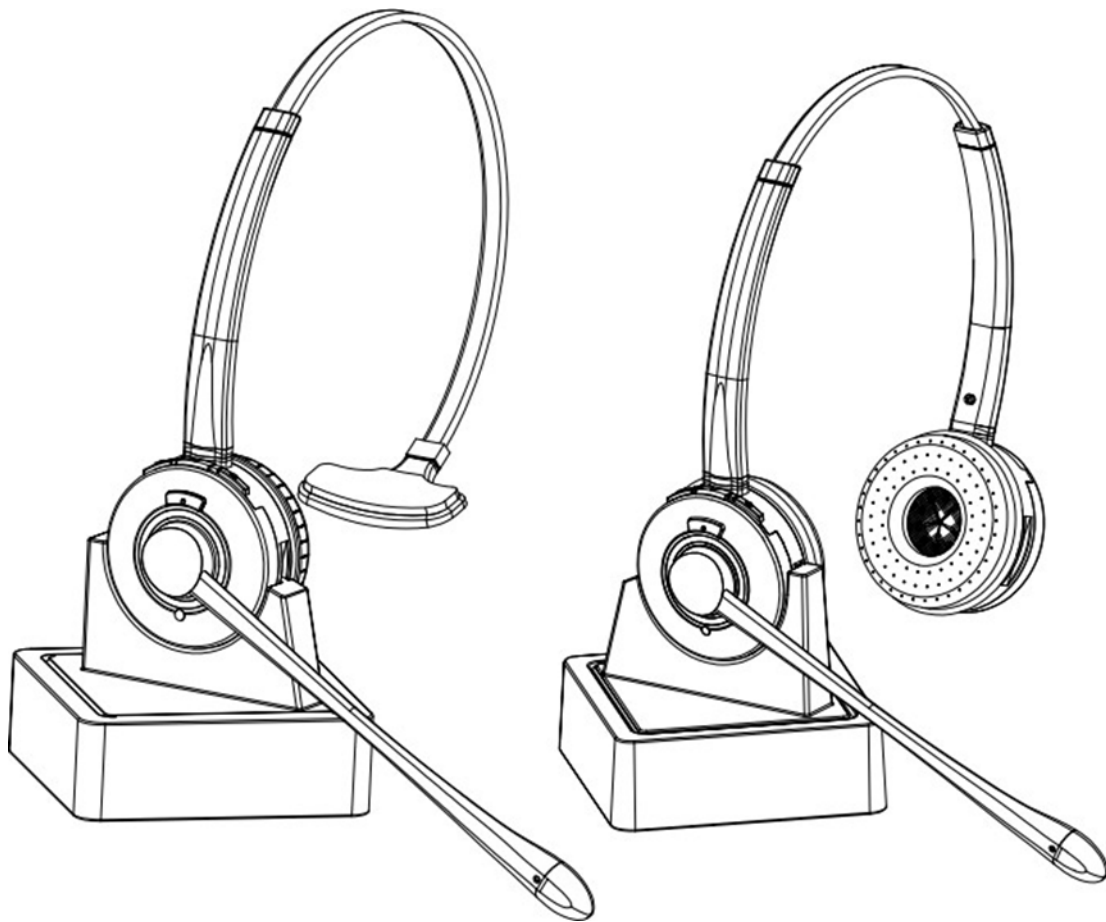# ESI Bluetooth Headset

User Guide

Thank you for choosing the new ESI BT Headset. The headset will function with any device that supports Bluetooth. The headset will also work on devices that don't have built in Bluetooth with the Bluetooth adapter and an available USB port. We are confident that you will find the headset comfortable to wear and easy to use.

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Product Overview

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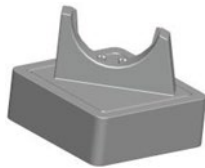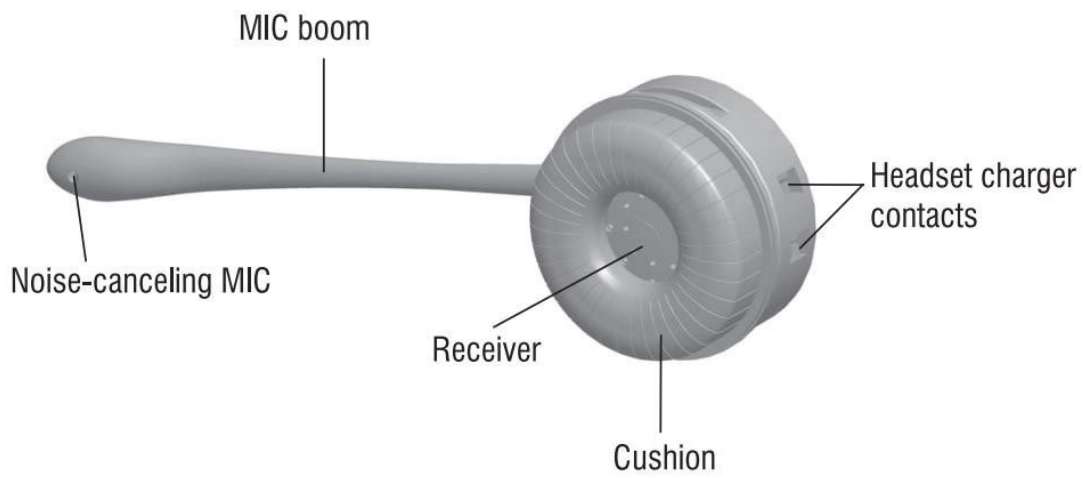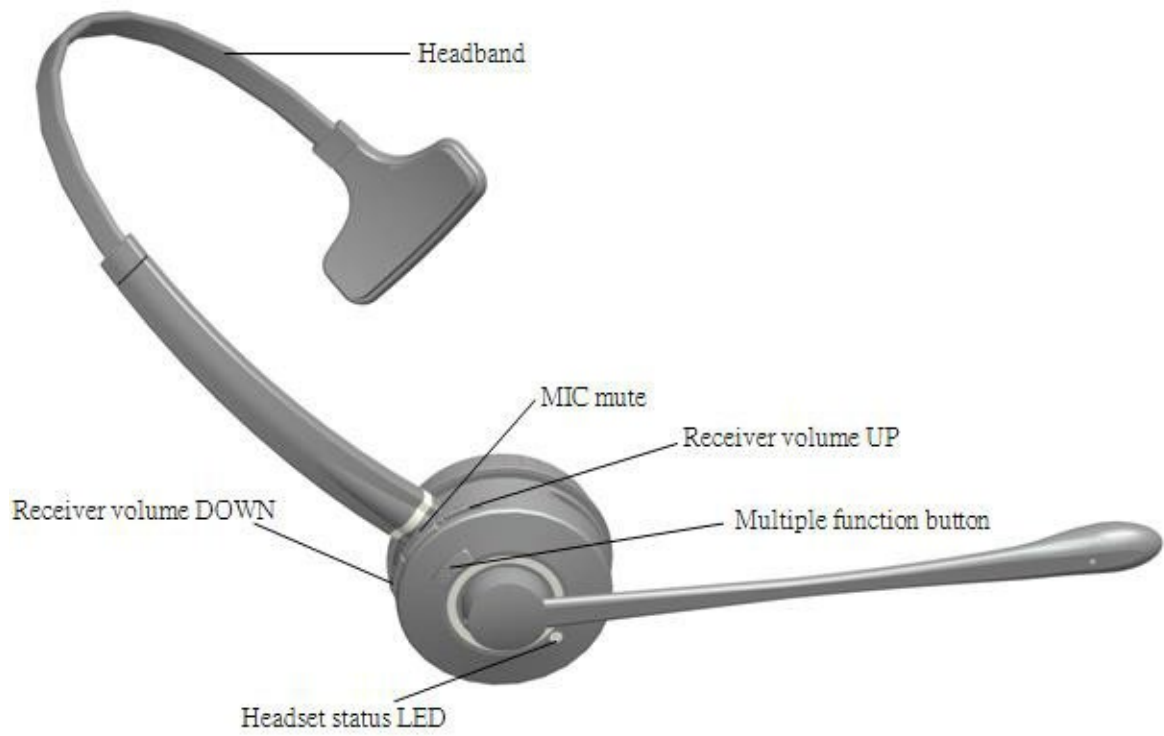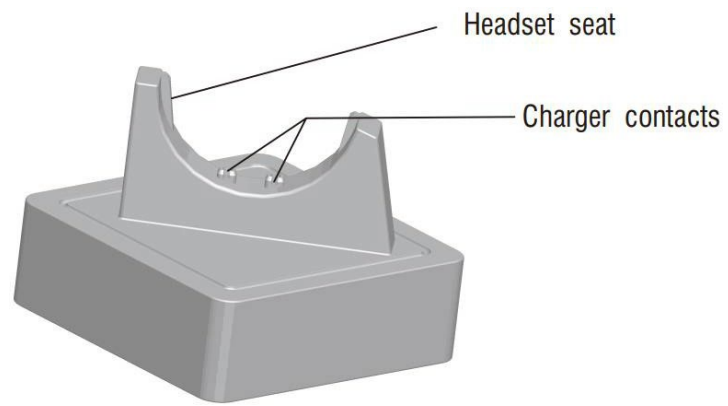
Bluetooth adapter

LED indicator
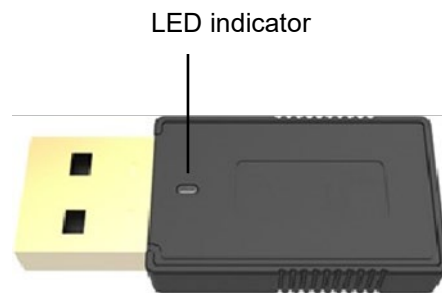
Usage

Pairing headset with Bluetooth device

- Be sure that your device has Bluetooth capability (A Bluetooth adapter will be required if your device does not have Bluetooth built in).

- Activate Bluetooth on your device, then enable pairing mode.
    - For ePhone3-v2 and ePhone4x-v2 simply plug the Bluetooth dongle into the USB port on the side of the phone. There is no need to change any settings in the phone.
    - For ePhone8 select Pair New Device. Reference ePhone8 user guide 0455-0278.
    - For ePhoneX select Scan, which is located in Menu > Basic > Bluetooth.
    - For all other devices such as smart phone or laptop, reference the devices manual.

- Pairing headset with device.
    - Press the multi-function key on headset for more than 6 seconds, the LED will flash red and blue alternately, which indicates the headset is in pairing mode. You will also hear an audible voice from the headset speaker say, "Pairing".
   - Your device will detect the headset.
      NOTE: ePhone3-v2 and ePhone4x-v2 will pair automatically. The next step can be skipped for ePhone3-v2 and ePhone4x-v2.
    - Search for the Bluetooth headset on your device. When "9600 BT" shows on your devices list of Bluetooth devices detected, select the Bluetooth headset to begin pairing. A PIN code "0000" may be required for a non esi device such as smart phone or laptop.
    - If pairing is successful, the LED will turn blue and Bluetooth icon will show on your device. You will also hear an audible voice from the headset speaker say, "Connected". You can now make calls with your Bluetooth headset.

- If pairing fails, turn off the headset and repeat the step above.

- If no device is paired with the BT headset within 120 seconds while in pairing mode, the BT headset will shut down automatically to save power.

Connecting Headset to a device that does not have built in Bluetooth

If your device does not have Bluetooth built in, you will need the Bluetooth adapter and an available USB port on your device.
WARNING: FOR DEVICES THAT HAVE BUILT IN MICROPHONES SUCH AS LAPTOPS, MAKE SURE THE HEADSET IS DEFAULT IN SOUND SETTINGS OR ECHO MAY RESULT.

Charging

To charge the headset place the headset on base and use the supplied USB cable to connect the base to a USB port, or to a 5 volt power adaptor.
When the headset is charging, the status LED will be red. When headset is fully charged the status LED will be blue. When removed from the charging base, the headset will be in standby mode. The headset will shut down automatically to save power if there is no paring.

Headset Usage

Using headset with a device that natively supports Electronic Hookswitch (EHS)
- Answer a call: Short press multi-function button on headset
- Disconnect a call: Short press multi-function button on headset.
- Make a call: Press headset key on phone.
- Microphone mute and on: During a call, short press the MUTE button to mute microphone. Press MUTE button again to unmute microphone.
- Volume Adjustment: Short press volume + key to increase volume. Short press volume - key to decrease volume.

Note: ePhoneX and ePhone8 natively support EHS. You can answer and disconnect a call via the multi-function button on the headset.

Multi-function button
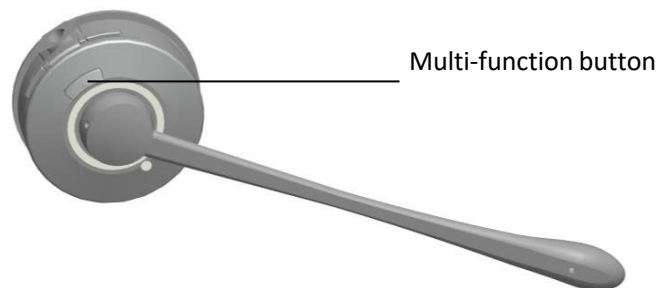
Using headset with a device that does not natively support EHS
- Answer a call: Press the headset key on the phone.
- Disconnect a call: Press the headset key or the End Call key on the phone.
- Make a call: Press the headset key on the phone.

Note: ePhone3-v2 and ePhone4x-v2 do not natively support EHS at this time. We are working to resolve this. You must use the headset key on the phone.

Using headset with desktop apps such as eMobile
- Answer a call: Click the Answer Call key in the app.
- Disconnect a call: Click the end key in the app.
- Make a call: Enter the number and click the Dial Number key in the app.

Powering headset on and off
- Power on: Press and hold multi-function key for at least 3 seconds.
- Pairing mode: Press and hold multi-function key for 6+ seconds.
- Power off: Press and hold multi-function key for at least 3 seconds.

Headset Speaker Volume Buttons

The speaker volume buttons adjust the headset speaker volume.

Speaker volume up button "+"

Speaker volume down button "-"
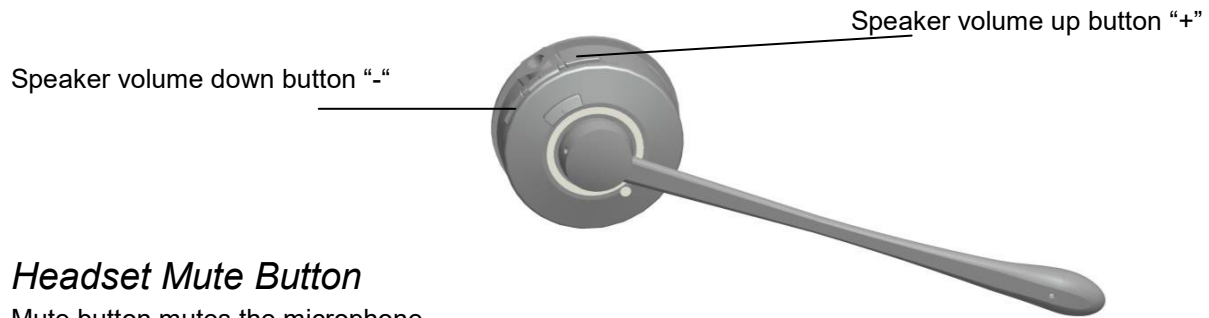
Headset Mute Button

Mute button mutes the microphone.

Mute button
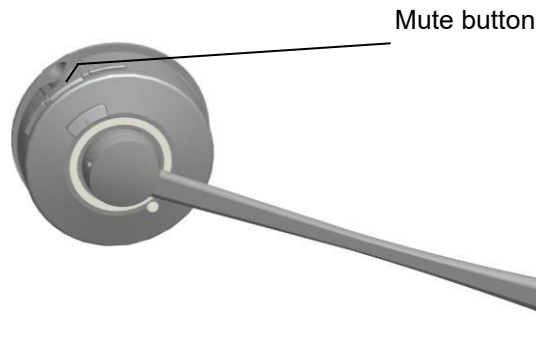
Headset LED Status Indicator

LED indicates call status.

Led indicator
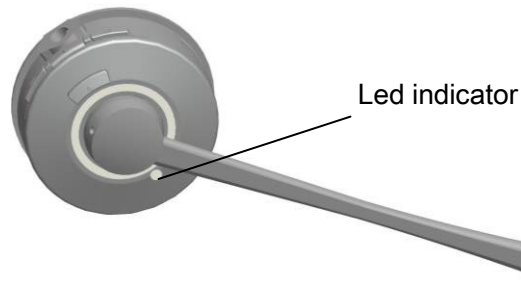
Headset status	LED status
Power on	Blue light flashes four times (300ms on, 300ms off)
Power off	Red light flashes once (2s)
Pairing mode	Blue light and red light flash alternately (red light on 750ms, blue light on 750ms)
Pairing successful	Blue light flashes (300ms on, 8s off)
Answer call	Blue light flashes (300ms on, 8s off)
Charging	Red light on
Fully charged	Blue light on

Technical Specifications

Headset

- Wideband audio for exceptional sound quality.
- Volume and mute controls.
- Advanced hearing protection with Safetone™.
- Bluetooth Version: 5.0 backward compatible.
- Profile: Hands-Free (HFP) 1.6. Headset (HSP) 1.2. Advanced Audio Distribution (A2DP).
- Microphone with noise cancellation.
- Crystal clear sound and voice (DSP).
- Range: Up to 100 feet (30 meters) with clear line of sight.
- Talk time: up to 21 hours from 300mAh battery.
- Stand by time: up to 500 hours.
- Working environment: 32°F (0˚C) to 104°F (40˚C). Up to 95% relative humidity non-condensing.
- Visual indicators: LED indicates call status, pairing status and others.
- Beep: indicates volume adjustment and microphone mute.
- Sound: Mic Noise canceling, 6th generation CVC echo cancellation, tone control.
- Frequency: 2.4 GHz – 2.480 GHz.
- Receiver sensitivity: < -92dBm.

Headset battery

- Battery type: Lithium-ion polymer.
- Battery capacity: 300mAh per hour standard. Battery talking time: Up to 21 hours.
- Battery life: Minimum recharging 1000 times. Battery standby time: At least 500 hours.
- Battery charging time:
  - Less than 60 minutes to charge 20%.
  - Less than 90 minutes to charge 50%.
  - Fully charged in less than 3.5 hours.

Bluetooth adapter

- Size: 1.53x0.65x0.22in (39x16.5x5.6mm).
- USB 2.0 full-speed (no need to install a driver) Bluetooth® version: BT 4.2, Class 1.
- Bluetooth range: Up to 100 feet (30meters) with clear line of sight.
- Bluetooth profiles: Hands-Free (HFP) 1.6. Headset (HSP) 1.2. Advanced Audio Distribution (A2DP) 1.2. Audio / Video Remote Control Profile (AVRCP) 1.4.
- Bluetooth audio bandwidth: Wideband (HD Voice), Advanced Audio Distribution (A2DP).
- Visual indicators: Multicolor LED indicates pairing, connection, on-call status.
- OS compatibility: Windows Vista 32-bit, Windows Vista 64-bit, Windows 7 32-bit, Windows 7 64-bit, Windows 8.1 32-bit, Windows 8.1 64-bit, Windows 10 32-bit, Windows 10 64-bit, MAC OS 10.6 or later.

Charging Base

- Size: 3.2x3.2x2.64in (81x81x67mm).
- Weight: 4.9oz (140g).

Troubleshooting:

Pairing lost

If you hear two short beeps followed by 15 seconds of silence, pairing has been lost between the headset you your device.

Steps to try if pairing is lost:
- Make sure Bluetooth is enabled on the device that lost pairing.
- Disable and re-enable Bluetooth on device(s).
- Power off headset and power it back on.
- Pair the headset to the device again.
- Reboot the device.
- If a Bluetooth dongle is plugged into phone, remove the Bluetooth dongle from the phone, wait 10 seconds and plug Bluetooth dongle back into phone. Headset DSS key LED should light green and connection restored.

No audio

- Steps to try if pairing was successful but there is no audio:
    - o Disable and then re-enable Bluetooth on your device. Or, if a Bluetooth dongle is plugged into phone, remove the Bluetooth dongle from the phone, wait 10 seconds and plug Bluetooth dongle back into phone. Headset DSS key LED on the phone should light green and connection restored.
    - o Reboot the device.
    - o If the device is a computer or laptop with built in speaker and microphone, make sure the headset is the default audio device in device settings and in the app Sound settings.
- Steps to try if there is still no audio:
    - o Power down headset.
    - o Disable Bluetooth on the device, or unplug Bluetooth dongle(s).
    - o Press and hold the multi-function power button on headset until "Pairing" is heard.
    - o Re-enable Bluetooth on your device or plug Bluetooth dongle back in.
    - o Headset should say "Connected" audio should be restored.

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Product Disposal

Dispose of in accordance with local regulations. Never treat headset as household waste. Do not dispose of the headset in a fire, the battery may explode. If damaged, the battery may explode.

FCC Compliance

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: 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. 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 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 to 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.

RF Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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