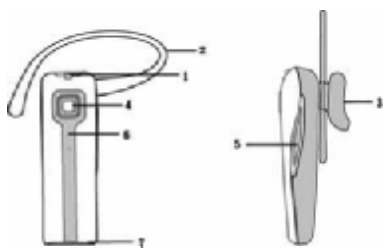


Vantage VX1 Bluetooth® Headset

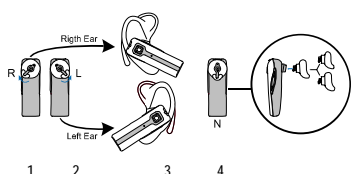
User Manual

BTH-510 DIAGRAM



1. Charging port
2. Ear loop
3. Soft gel ear tips
4. Multifunction button
5. Volume control button
6. Status Indicator light
7. Microphone

EAR TIP ADJUSTMENT and SELECTION



WORK WITH TWO Bluetooth® DEVICES

BTH-510 can be linked to two *Bluetooth®* devices simultaneously. This is called dual-linking. This feature lets you control two *Bluetooth®* devices using a single headset. When your *Bluetooth®* headset is in the dual-linking state and there is an incoming call from handset A, then your headset will tear down the link to handset B. It will restore the link to handset B when the call from handset A is terminated. Note that some SonyEricsson handsets cannot do dual linking with BTH-510.

USING BTH-510

Call answering: Short-press the multifunction button to answer an incoming call or to answer the call using the *Bluetooth®* device and then transfer the call to BTH-510.

Call termination: Short-press the multifunction button to terminate an active call or hang up the call using the *Bluetooth®* device.

Make a phone call: Make a phone call from the *Bluetooth®* device and the call will switch automatically to the headset. The procedure may be different depending on the setup of the *Bluetooth®* device..

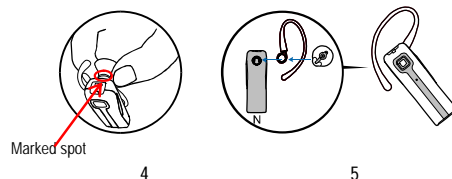
Volume adjustment: Press the Volume Control Button back and forth to change the volume level during the call.

Last-number redial: Double-click the multifunction button to redial the last number.

Voice-activated dialing : Short-press the multifunction button and make a voice after you hear a beep to start dialing. The call may get transferred to the headset automatically. To use voice-activated dialing, one must enable the voice dialing capability on the *Bluetooth®* device. Make sure that the voice for activating the call is recorded in advance.

The BTH-510 headset comes with three (large, medium, and small) soft-gel ear tips and an optional ear loop. The ear loop and mid-sized ear tip are installed on the headset in the package.

1. Turn the ear tip clockwise to position R and fix it on the right ear.
2. Turn the ear tip counter-clockwise to position L and fix it on the left ear.
3. Hang the headset on your ear and examine if it fits. If not, then replace it with a suitable one.
4. Turn the ear tip to position N as shown in the diagram and it can be removed. To avoid damaging the ear tip, please hold the bottom of the ear tip as shown on the marked spot?before pulling it out.
5. Hold the ear tip downward to position N and fix it on the headset. Then, turn it to position R or L.
6. When not in use, please lock the ear tip at either R or L position to avoid drop-off.



EAR LOOP

The ear loop was installed on the headset. It enhances the stability of the headset. To switch it to the other ear, you may remove it from the headset, turn it over to the other side, and re-install it on the headset.

Call rejection: Long-press the multifunction button for 2 seconds will reject the incoming call.

Mute: Double-click the multifunction button will put the call on hold. In this case, the call is muted.

Switch Calls: long-press the multifunction button for 2 seconds will switch an active call from the headset to the *Bluetooth®* device, or vice versa.

Switch Calls During Dual-Linking: When the earphone is in the linked mode, short-press both the multi-function key and volume control key simultaneously, then the red indicator light will flash twice, and the dual-linking capability will be activated; by long press both keys, then the blue indicator light will flash twice, and the dual-linking capability will be deactivated.

BTH-510 STATUS INDICATOR:

Status	Status Indicator Light
Stand-by	Blue light flashes every 6 seconds
Connect	Blue light flashes 3 times every 10 seconds
Talking	Blue light flash every 10 seconds
Powering off	Red light is on steadily
Pairing mode	Blue/red lights flash alternatively
Ringing	Purple flashes
Low battery	Red flashes
Charging battery	Red light on for charging; light turns off when charging is done

CHARGING YOUR HEADSET

Warning: Use the supplied charger only. One must fully charge the battery before first use. Generally, the process takes about two hours.

1. Connect the USB cable to BTH-510 and USB car charger, the computer, or other power sources.
2. While charging, the status indicator light turns red constantly. It will be turned off when charging is complete.
3. Detach the USB cable from BTH-510 and USB car charger, the computer, or other power sources.

Warning: For your safety, if you need to answer the headset, please disconnect it from the power source.

LOW BATTERY:

The headset needs to be recharged when it flashes red.

POWER ON/OFF

Power on: Long-press the multifunction button for about 6-8 seconds, till the status indicator light turns blue.

Power off: Long-press the multifunction button for about 3-4 seconds, till the red status indicator light turns on.

PAIRING and LINK

Before using the headset for the first time, one must pair it with the *Bluetooth®* phone or other *Bluetooth®* devices. BTH-510 can pair up to eight (8) *Bluetooth®* devices or link to two *Bluetooth®* devices at the same time (double stand-by). Note that a few models of SonyEricsson mobile phones are unable to do double-standby with BTH-510. The following procedure describes how to do pairing

PRODUCT SPECIFICATIONS:

Version: *Bluetooth®* 2.1+EDR, Class 2
Range: 10 meters
Talk Time: About 5 hours
Standby Time: Approximately 150 hours
Charge Time: About 2 hours
Power: 5V DC - 150 mA
Battery Type: Lithium Ion

CONTENT OF PACKAGE:

Examine the package and make sure that it contains the following items. If any item is missing or damaged, please contact your sales agent immediately.

- One (1) *Bluetooth®* headset
- One (1) ear loop
- Three (3) ear tips in large, medium and small size
- One (1) USB charging cable
- One (1) User manual.

Product	Bluetooth Headset
Trade Name	VerTix
Model Number	VANTAGE VX1
EUT Power Rating	5VDC, 150mA from Battery
Power Adapter Manufacturer	I.T.E. MODEL: HES05-1250U015 I/P: 100-240V, 50-60Hz, 0.2A O/P: 5V, 0-0.15A
Operating Frequency Range	2402 ~ 2480 MHz
Transmit Power	4.07 dBm (0.00255W)
Modulation Technique	GFSK for 1Mbps; $\pi/4$ -DQPSK for 2Mbps; 8DPSK for 3Mbps
Transmit Data Rate	GFSK for 1Mbps; $\pi/4$ -DQPSK for 2Mbps; 8DPSK for 3Mbps
Number of Channels	79 Channels
Antenna Specification	Multilayer Chip Antenna / Gain: 2.5 dBi

between BTH-510 and typical *Bluetooth®* phones. The pairing procedure to different *Bluetooth®* devices may vary depending on the brand and models. Please check the user manuals of those *Bluetooth®* devices for details.

1. Make sure your headset is turned off.
2. Press and hold the multifunction button till the red/blue status indicator lights flashes alternatively.
3. Follow the instruction of the phone manual to activate the *Bluetooth®* function on your phone and search for *Bluetooth®* devices.
4. When the searching process is done, select BTH-510?voice device.
5. Enter the preset passkey ? 000?and pairing will be successful. At this point, the headset enters the stand-by mode. If the headset supports simplified pairing capability, then there is no need to enter the passkey. If pairing fails, then repeat steps 1 through 5 of the above procedure.
6. Confirm to link to the BTH-510 and the headset will enter the connect?mode.

When BTH-510 is turned on, it will automatically be linked to the last device to which it was linked to.

NCC (DGT) NOTICE

According to the Management Rules for low-power electromagnetic waves of electrical machinery, the product has been tested and found to comply with the related rules as follows:
Rule 12: Any company, sales agent, or user are not allowed to change the frequency, to increase the power level, or to modify the characteristics or capabilities of the original design.
Rule 24: The use of low-power electromagnetic waves of electrical machinery shall not affect the safety of flight objects or disturb legal communications. If it violates the rules, one shall stop using it till the problem is corrected.

The legal communications mentioned above means wireless communications specified in the rules for governing the communications operations. The right of electrical machinery with low-power electromagnetic waves is lower than that of legal communications or industrial, scientific, or medical equipment that emit electromagnetic waves.

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 into 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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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