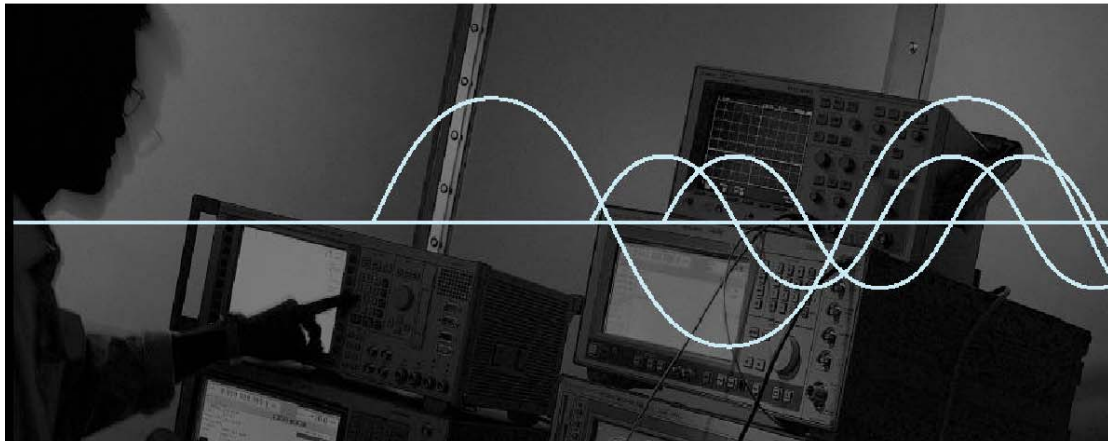


Prüfbericht - Nr.:
Test Report No.

14004957 001

Seite 15 von 32
Page 15 of 32

1.6 User Manual



GWT Bluetooth Headset

Users' Guide



GigaWaveTech (Pte) Ltd
(a member of schmidt electronics asia)

TABLE OF CONTENTS

INTRODUCTION.....	2
ACCESSORIES	2
PARTS OF THE GWT BLUETOOTH HEADSET	3
HEADSET OPERATION.....	3
WEARING THE HEADSET	4
CHARGING THE BATTERY.....	4
TURNING THE HEADSET ON/OFF	5
PAIRING	5
<i>Pairing After Reset</i>	5
<i>Re-pairing</i>	6
VOLUME CONTROL	6
<i>Ring Tone Volume Control</i>	6
<i>Audio Volume Control</i>	6
RECEIVE A CALL	6
MAKING A CALL (VOICE DIALING)	7
TERMINATE A CALL	7
CALL REJECT	7
TRANSFERRING CALLS BETWEEN HEADSET AND MOBILE PHONE	7
VOICE COMMANDS	7
MICROPHONE MUTE	8
CHANGING VOLUME KEY ORIENTATION	8
MULTIPLE IDENTITIES	8
RESETTING THE HEADSET	9
TROUBLESHOOTING	10
USEAGE & SAFETY CONSIDERATIONS	11
APPENDIX A: LIMITED PRODUCT WARRANTY	13
COPYRIGHT NOTICE	15
REGULATORY COMPLIANCE NOTICE.....	16
LIFE SUPPORT POLICY	17

INTRODUCTION

The GWT Bluetooth Headset is a "feature packed" wireless headset employing Bluetooth technology. The Headset consists of a built-in charger and a lithium polymer rechargeable battery. It is recommended that the battery be fully charged before using it for the first time. The headset should only be charged with the supplied AC/DC adaptor. A fully charged battery life is approximately 5 hours (talk time) and 250 hours (standby time).

The headset will operate with any mobile phone or device that supports the Headset Profile. It is important to note that not all Bluetooth mobile phones support the Headset Profile.

This Users' Guide shows how to access all the features in the Headset as well as describing safety considerations which should be read carefully before using the Headset.

ACCESSORIES

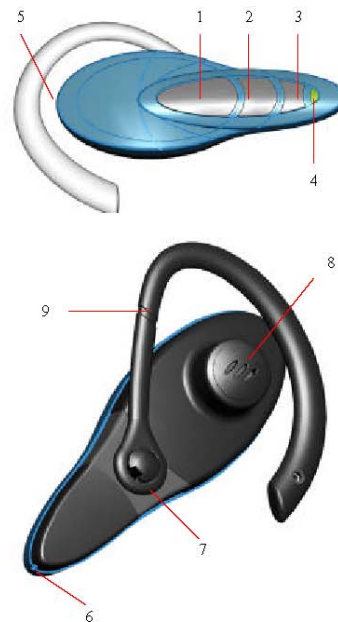
The following items are included with the GWT Bluetooth Headset:

- i) One (1) GWT Bluetooth Headset user manual
- ii) One (1) GWT Bluetooth Headset specific mains charging adaptor.

Using a charging adaptor of a different rating from the one provided might not charge the battery properly or cause damage to the Headset.

PARTS OF THE GWT BLUETOOTH HEADSET

1. Multi-functional button.
2. Volume up button.
3. Volume down button.
4. LED Indication
5. Charger connector
6. Microphone
7. Locking mechanism for ear hook
8. Speaker
9. Ear Hook



HEADSET OPERATION

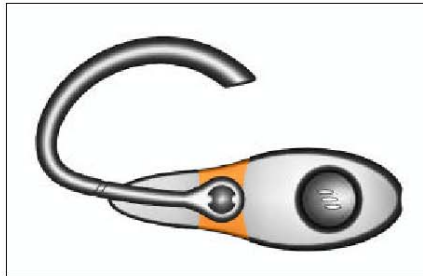
The following sections describes how to:

- Wear the headset
- Charge the battery
- Turn the headset *on /off*
- Pair the headset with a mobile phone
- Perform volume control
- Receive a call
- Make a call (voice dialing)
- Terminate a call
- Reject a call
- Transfer calls between headset and mobile phone
- Use Voice Commands
- Mute the microphone
- Change the orientation of the volume Key
- Perform pairing with more than one mobile phone (Multiple Identities)
- Reset the headset

WEARING THE HEADSET

Orientate the headset in the vertical position and gently slide the ear hook behind the ear. Adjust the headset to get a comfortable fit and align the microphone to the mouth.

The headset can be worn on either ear. To change the orientation of the ear hook, rotate the ear hook to the position as shown. The ear hook can only be detached at the position shown below.



CHARGING THE BATTERY

The headset is powered by a rechargeable Lithium Polymer battery. The headset is delivered with a partially charged battery. It is advisable to fully charge the battery before using the headset for the first time.

To charge the battery:

1. Connect the AC/DC adaptor into an electrical socket.
2. Insert the charging adaptor plug into the charger connector of the headset.

The headset is functional during battery charging. When the headset is off, the following LED indication applies:

- Charging in progress: The red LED is continuously ON.
- Charging completed: The green LED is continuously ON.

When the headset is on, the following LED indication applies:

- Charging in progress: The red LED will blink (1.8 sec on, 0.2 sec off)
- Charging completed: The green LED will blink (1.8 sec on, 0.2 sec off)

The battery charging time is approximately 2.5 hours.

A fully charged battery life is approximately 5 hours (talk time) and 250 hours (standby time).

TURNING THE HEADSET ON/OFF

To turn the headset on, press and hold the MULTI-FUNCTIONAL button for 2 seconds until you hear a low beep followed by a high beep.

To turn the headset off, press and hold the MULTI-FUNCTIONAL button again for 2 seconds until you hear a high beep followed by a low beep. The LED will now stop flashing.

PAIRING

The pairing process creates a bond between the GWT Bluetooth Headset and a mobile phone. It is only necessary to perform the pairing process once if the headset is to be used with the same mobile phone.

A re-pairing process is only required if :

- a) A reset has been performed on the headset.
- b) The headset is to be re-paired with a different mobile phone.

Pairing After Reset

Pairing After Reset is necessary when the headset is used for the very first time or a Reset has been performed on the headset.

- If the headset is flashing fast between red and green (0.1 seconds each) after it is turned on, it is because the headset has not been paired before but is now ready for pairing.
- Enable the Bluetooth feature on the mobile phone (refer to your mobile phone's user guide) to search for available headsets within its range (normally within 5-10 meters).
- Once the headset has been found, a PIN code must be entered on the mobile phone. The PIN code is 1234.
- The headset is now paired with the mobile phone and is ready to use.

Re-pairing

Re-pairing is necessary when the headset is to be paired with a different mobile phone.

- When the headset is off, press and hold the headset button for 6 seconds until you see the LED alternate between red and green (0.7 seconds each). Ignore the "on" sound after the first 2 seconds.
- Enable the Bluetooth feature on the mobile phone (refer to your mobile phone's user guide) to search for available headsets within its range (normally within 5-10 meters).
- Once the headset has been found, a PIN code must be entered on the mobile phone. The PIN code is 1234.
- The headset is now paired with the mobile phone and is ready to use.

VOLUME CONTROL

GWT Bluetooth Headset allows the user to control ring tone volume as well as the audio volume.

Ring Tone Volume Control

The volume of the ring tone can be set by using the volume keys while not engaged in a call. Simply move either of the volume keys and the headset will playback the ring tone over and over again.

Audio Volume Control

It is only possible to control the audio volume of the headset during a conversation. Simply press (or press and hold) either of the volume keys.

RECEIVE A CALL

When the headset is turned on (and paired), it is ready to receive a call. When the ring tone is heard, simply press the MULTI-FUNCTIONAL button shortly to receive the call.

MAKING A CALL (VOICE DIALLING)

- When the headset is off, press and hold the MULTI-FUNCTIONAL button for 2 seconds to turn the headset on. Release the button.
- Press the MULTI-FUNCTIONAL button again shortly and you will now hear a series of beeps to indicate the progress of the connection setup. If the connection setup is successful, you will hear a high tone, you can now voice dial. If the connection setup is unsuccessful, you will hear a low tone.

NOTE:

Some mobile phones may additionally issue a beep to indicate that the user can now voice dial.

TERMINATE A CALL

If you wish to terminate an ongoing call, simply press the MULTI-FUNCTIONAL button shortly.

CALL REJECT

The GWT Bluetooth headset contains a reject call feature. This feature can only be activated when there is an incoming call. To activate,

- Press the volume up and volume down keys simultaneously.

Reject call is not a standard feature, but nevertheless supported by some mobile phones.

TRANSFERRING CALLS BETWEEN HEADSET AND MOBILE PHONE

When a call is made on the mobile phone, it is possible to transfer the sound to the headset and vice versa.

Please refer to mobile phone's user guide for more information on calls transfer.

VOICE COMMANDS

The GWT Bluetooth Headset enables the user to perform voice commands such as dialing, re-dialling, answering and rejecting calls.

Please refer to mobile phone's user guide for more information on voice commands.

MICROPHONE MUTE

During a conversation the GWT Bluetooth Headset offers a microphone muting feature. To activate,

- Press the volume up and down keys simultaneously. the microphone will be muted and a beep issued every 2 seconds to remind the user about the muting selection.
- Press the volume up and down keys simultaneously again to unmute the microphone and the beeping will stop.

CHANGING VOLUME KEY ORIENTATION

The GWT Bluetooth Headset allows user to reverse the orientation of the volume up and volume down buttons.

- When the headset is off, press and release the multi-functional button after 6 seconds.
- Press and hold the volume key that is to be assigned as volume up for 2 seconds.

MULTIPLE IDENTITIES

The GWT Bluetooth Headset offers multiple identities. Multiple identities is a concept that makes it possible to use the headset with more than one mobile phone (e.g. with a business phone and a private phone) and to have different settings for audio indication.

GWT Bluetooth Headset offers 2 identities, which means that headset can be paired with 2 different mobile phones.

- When the headset is off, press and hold the volume down key for 2 seconds to activate identity 1. One green blink and a short audio indication will be given.
- When the headset is off, press and hold the volume up key for 2 seconds to activate identity 2. Two green blinks and two short audio indications will be given.
- The Headset will then turn off again.

NOTE:

Since the headset is now in reality restarting, it is not possible to turn the headset on for the next 5 seconds.

RESETTING THE HEADSET

The headset includes a reset function. If this function is selected, all pairings will be deleted and the audio levels will be set to the default and identity 1 will be selected as well as the volume key orientation set to default

- When the headset is off, press and hold the MULTI-FUNCTIONAL button for 6 seconds. The LED will now alternate between red and green (0.7 seconds each).

Release the MULTI-FUNCTIONAL button and press it again for another 5 seconds. When the reset has been done, the headset will issue two short beeps and the LED will alternate between red and green (0.1 seconds each) to indicate that the reset is completed and that we are now pairable.

TROUBLESHOOTING

Not able to pair or connect with the mobile phone.

i) First of all, check that the mobile phone supports the Bluetooth Headset Profile.

ii) Ensure that the headset and mobile phone is within range of about 10m without any solid obstruction is between. The range of the headset will also degrade if the headset is covered by the hand.

iii) Reset both the headset (see **RESETTING THE HEADSET**) and the mobile phone. Perform the pairing process again.

Not able to immediately turn on the headset after performing a change of identity.

The headset goes through a restarting process of about 5 seconds after a change of identity. Please wait for about 5 seconds before turning on the headset.

Note: With some mobile phones, the headset goes through the restarting process when the headset is switched off. This is for the purpose of saving power.

Usage & Safety Considerations

Please read this section before using your headset!

Care for your Bluetooth Headset

- Keep product within operating and storage temperature ranges
- Keep product away from liquids, moisture or extremes in humidity.
- Keep product away from lit candles, cigarettes, open flames and volatile solvents.
- This headset contains an antenna. Do not place a metallic shield over it, as this will reduce the radio's transmission efficiency.
- There are no user-serviceable parts within the product. Do not attempt to disassemble the product.
- Use of this headset is subject to national and local regulations. Please check for any exceptions, due to national requirements or limitations, with respect to Bluetooth equipment, before using this product.
- Modifications without the written permission of GigaWaveTech (Pte) Ltd may void your authority to operate this headset.
- Use with the supplied AC-DC adapter only. Use of unauthorized DC adapter may damage your headset and void the warranty.

Use in a car

- Always give full attention to driving and pull off the road and park before using any equipment, if driving conditions require.
- This headset emits Radio Frequency energy, which may affect operation of some car electronic systems. Check with your vehicle's manufacturer's representative to be sure that the systems are compatible with Bluetooth equipment.

Use in aircraft

- Turn off all your Bluetooth equipment before boarding any aircraft. For this headset, ensure that the LEDs are off.
- To prevent interference with the aircraft communications and navigation systems, do not operate your Bluetooth equipment while you are onboard the aircraft, even when the aircraft is on the ground and stationary.
- If in doubt, please seek permission from the crew.

Other electronic equipment

- Most modern electronic equipment is shielded from RF energy, however, certain electronic equipment may not be, therefore do not use your Bluetooth equipment near medical equipment without requesting prior permission

Use in areas where transmitting devices are prohibited e.g. blasting areas or potentially explosive atmospheres

- Certain places may restrict the use of transmitting devices, for safety purposes. Please observe such restrictions by turning off your Bluetooth equipment. For this headset, ensure that the LEDs are off.

Radio Frequency (RF) exposure

- Your Bluetooth headset is a radio transmitter and receiver. When in use, it communicates with a Bluetooth-equipped device by transmitting and receiving radio frequency electromagnetic fields (microwaves) in the frequency range of 2.4 to 2.5 GHz. The output power is low at 0.0025 watt maximum.
- Your Bluetooth device is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with a properly certified Bluetooth device.

Appendix A: Limited Product Warranty

GigaWaveTech (Pte) Ltd ("GigaWaveTech") warrants this product to be free from defects in material and workmanship at the time of original purchase by a consumer, under normal use and service, for a subsequent period of one (1) year.

Incompatibility is not a defect covered under GigaWaveTech's warranty.

If during the warranty period, the product fails to operate under normal use and service, due to improper materials and workmanship, GigaWaveTech (including their subsidiaries, authorised distributors, or Service Partners) will at their option, either repair or replace the product in accordance with the following terms and conditions.

Conditions:

1. The warranty applies only to the original retail purchaser, and is not transferable.
2. The warranty is valid only if the original receipt issued to the original retail purchaser by the dealer, specifying the date of purchase and the serial number, is presented with the product to be repaired. GigaWaveTech reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
3. The product may be returned directly to GigaWaveTech, GigaWaveTech's dealers, or to GigaWaveTech's authorised Service Centre. If you ship the product, you must use the original container or a container with equivalent protection, and pay for shipping and insurance (if desired) back to GigaWaveTech. GigaWaveTech will pay shipping charges back to any location in Asia-Pacific.
4. If GigaWaveTech repairs/replaces the product, the repair/replaced product shall be warranted for the remaining time of the original warranty period, or ninety (90) days from the date of the repair/replacement, whichever is longer. Repair/replacement may involve the use of functionally equivalent reconditioned parts/units. Replaced faulty parts or components will become the property of GigaWaveTech.
5. This warranty does not cover any failure of the product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with GigaWaveTech's instruction for use and maintenance of the product. Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God, improper ventilation or damages resulting from liquid or exposure to environmental conditions outside the specifications.
6. This warranty does not cover product failures due to improper repair installations, modifications or service performed by a non-GigaWaveTech Service Partner, or opening of the product by non-GigaWaveTech certified persons.
7. Tampering with any of the seals, or attempting to open/disassemble the product will void the warranty.
8. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL GIGAWAVETECH BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING

BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS, DAMAGE TO PROPERTY, OR DAMAGES FOR PERSONAL INJURY, TO THE FULLEST EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

9. Some countries/states do not allow the exclusion or limitation of incidental and consequential damage, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you.
10. The warranty provided does not affect the consumer's statutory rights under national legislation in force, nor does it affect the consumer's rights against the dealer arising from their sales/purchase contract.
11. This product may contain fully tested, recycled parts, warranted as if new.

Copyright Notice

Copyright © 2001, 2002, 2003 GigaWaveTech (Pte) Ltd. All rights reserved.
GigaWaveTech, GWT, and the GigaWaveTech logo are trademarks of GigaWaveTech (Pte) Ltd. Bluetooth and the Bluetooth logos are trademarks owned by the Bluetooth SIG, Inc., USA, and licensed to GigaWaveTech (Pte) Ltd. All other brand and product names are trademarks of their respective holders.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of GigaWaveTech (Pte) Ltd.
Accompanying software and/or drivers may be copied only for backup purposes.
All other forms of reproduction and/or transmittal in any form or by any means, electronic or mechanical, for any other purpose, is expressly prohibited without the express written permission of GigaWaveTech (Pte) Ltd.

Regulatory Compliance Notice

The GWT Bluetooth Headset is designed to be compliant with the rules and regulations in locations where they are sold, and will be labeled as required. The headset is type approved, which means that users are not required to obtain license or authorization before use.

Radio Frequency Interference Requirements

This device complies with Part 15 of the FCC rules. Operation is subject to the following requirements: (1) This device may not cause harmful interference, and (2) this device may accept any interference received, including interference that may cause undesired operation.

This equipment is also compliant to ETS 300 328, ETS 300 826. 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 instruction manual, may cause harmful interference to radio communications. This device and its antenna must not be co-located nor operated with any other antenna or transmitter.

To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied: (1) Users are not permitted to make changes or modify the system in any way, and (2) connecting external antennae to the headset is prohibited. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his or her own expense.

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 may try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna of the radio or television
- Increase distance separating the equipment and the receiver
- Connect the equipment to an outlet on a different branch circuit than that of the receiver
- Consult the dealer or an experience radio/TV technician for help

The user may find the following booklet helpful: *How to Identify and Resolve Radio-TV Interference Problems*. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402.

Caution : Changes or modifications to this Bluetooth device not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Life Support Policy

GIGAWAVETECH'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE MANAGEMENT OF GIGAWAVETECH PTE LTD

As used herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.
2. A critical component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.