Bluetooth Handsfree Speaker
User Manual

BTHF205T

❁ Bluetooth®

Declaration:

Without written permission from original manufacturer, reproduction, transfer, distribution or storage of part or all of the contents in this document in any form is prohibited.

The company reserves rights to make any changes and improvements to the product described in this document without prior notice.

Notice ：

Please make sure your mobile phone supports Bluetooth profiles and network operator supports the functions described in this manual, otherwise the relative functions cannot be realized on this Handsfree device.

Safety

- Use the charger that comes with package.

- Caution, risk of explosion if battery is replaced by an incorrect type.

- Check the laws and regulations on the use of mobile phones and handsfree equipment in the areas where you drive. Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions require.

- Do not allow children to play with your Bluetooth Handsfree Speaker since it contains small parts that could become detached and create a choking hazard.

- This device contains a Li-polymer battery. Please keep it away from fire anytime (including discarding the device) or the battery may explode.

- The Handsfree Speaker, especially the embedded battery must be properly disposed or may be recycled. Contacts your local recycling centers for disposal methods.

Certification and Safety Approvals

This product has been tested and found to comply with Bluetooth BQB requirements, part 15 of FCC rules, R&TTE Directive（99/5/EC） or CE marked requirements.

Warning：Users should not make changes or modify the device in any way. Changes or modifications without being expressly approved by the party responsible for compliance could void the user's authority to operate the device.

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.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.
CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CE command：

EN 301 489-17 v1.2.1: 2002
ETSI EN 300 328 v1.6.1:2004
IEC 60950-1:2001 / EN 60950-1:2001

Contents：

1. Introduction

1.1 Bluetooth Technology

Bluetooth is an internationally standardized technology supporting short distance wireless communications. Any two Bluetooth-compatible equipments, such as mobile phone, PDA、PC, headset, mouse, keyboards, printer, etc. can wirelessly communicate with each other via Bluetooth connection. To ensure worldwide compatibility, Bluetooth operates on the globally available ISM (Industrial Scientific and Medical) frequency band. Within 2.4 GHz and 2.48 GHz, Bluetooth transmits data up to either 10 meters (CLASS II mode) or 100 meters (CLASS I mode) using 79 frequency hopping channels.

Though line-of-sight is not required, Bluetooth connections could be subject to interferences from obstructions such as walls, human bodies, and other electronic devices. In addition, due to variations on product implementation, it is likely that Bluetooth equipments from different manufactures have interoperability issues. In that case, you may consult with manufactures to check product compatibility.

Note that, there could be some restrictions imposing on using Bluetooth devices in some countries. Please check with your local authorities.

1.2 Bluetooth Handsfree Speaker

This Bluetooth handsfree speaker is a specially designed product allowing car drivers to make and receive calls without holding a mobile phone. It provides a clean wireless audio connection with your Bluetooth mobile phone and PDA.

In addition to vehicle environment applications, this portable equipment, supported by an internal rechargeable Li-ion battery, can also be used in office environment as normal handsfree equipment to make/receive/conference phone calls.

1.3 Product Features

- Bluetooth v 2.0compliant, interference-tolerable with WLAN devices
- Voice Command technology makes real hands-free operating possible. You may voice command the device to-------
  - ➢ Answer/Ignore call
  - ➢ Redial/Call back
  - ➢ Enter pair mode

- ➢ Check connection status; attempt to reconnect to paired device if no connection
- ➢ Call speed dial up to seven set IDs
- ➢ Call Microsoft Bing 411 Handsfree information service to check call information (for USA market)
- ➢ Check battery level and responds
- ➢ Start voice recognition on Phone for Name Dial, etc
- ➢ Cancel an operation

- Class II, operating range up to 10 meters

- Data rate up to 723 Kbps

- Compatible with most Bluetooth-enabled devices such as cellular phones, PDAs, and computers

- Support up to 8 handset pairing info simultaneously

- Best-in-class voice quality ensured by cutting-edge noise suppression and echo cancellation techniques

- Voice security ensured by using 128-bit encryption

- Audio output up to 115 dB

- Better portability with internal rechargeable battery

- Low power consumption, up to 7 hours talk time and 460 hours standby time with the internal battery

- Easy-to-mount with magnetic mounting design and Sun visor clip

- Robust performance, fast connection, accurate and sensible search of devices in range

- Stylish, portable, lightweight, mini-sized, suitable for vehicle and office environment

1.4 Package Contents

● BTHF205T	1
● Sun-visor Clip	1
● 12/24V Car Charger Set（or Traveling Charger Set，Optional）	1
● User Manual	1

1.5 Overview

Figure 1 Overview

1. **Speaker**：Voice/AV music delivery.
2. **Red/Blue LED**：Indicate device status.
3. **Button ⏻**：Switch the device on/off.
4. **Button ☎**： Answer/end call; Say/Cancel a command
5. **Button ＋**：Volume up
6. **Button －**：Volume down
7. **Microphone**：Voice pick-up
8. **Charging Port** ⟜：Connect to the travel (or car) charger to charge the battery of device

2. Using Your Handsfree

2.1 Battery Charging and Usage

2.1.1 Battery Charging

This device contains a rechargeable Li-Polymer battery. First-time charging time is about 4 hours. Later-on recharging time is around 2-3 hours. Detailed charging procedures as follows:

1. Connect the car charger to the cigarette lighter, or plug the USB cable in PC.

2. Referring to Figure 2, plug the connector of the charger to handsfree's charging port to start charging.
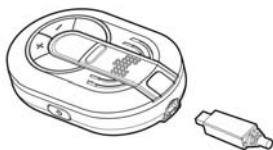

Figure 2 Battery Charging

2.1.2 Battery Information

Once fully charged, the battery for BTHF205T supports continuous talk time up to 7 hours and standby time about 460 hours.

Note that, over-charging will reduce battery life. If a fully charged battery is left unused, it will lose power over time. Extreme temperature (either too hot or too cold) will also affect its ability to charge, capacity, and lifetime.

2.2 Mounting your Handsfree

This Handsfree device can be easily mounted inside the car by using the companion Sun-Visor Clip to fix the product on the sun-visor over the driver's seat. As shown in Figures 3, there are two magnetic tips on the backside of the device. You can attach the Sun-Visor Clip to them. For better mounting the device, please clip the Sun-Visor Clip to the sun visor first, and then properly attach the device to the Sun-Visor Clip.
Note that, the microphone of the Handsfree must aim at the sound bearing.
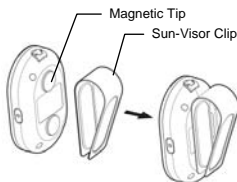
Figure 3 Attach Sun-visor Clip to Magnetic Tips

With great portability and flexibility, this device can also be used outside of car environment such as in office and/or at home.

2.3 Initial Setup

- Have phone ready to do Bluetooth setup. Refer to Phone User Guide if required to locate Bluetooth Setup function on phone.
- Turn on Handsfree speaker when phone gets ready. Follow user prompt instructions to pair to your phone.
- If you have accidentally cancelled the setup process, the main command "PAIR MODE" (said after triggering and hearing the "Say A Command prompt) will allow you to enter pair mode and set up your phone.

2.4 Post Setup Connection issues

- Device is programmed to automatically attempt connection to your phone whenever it is turned on. When the connection is timed out, you will hear "no phone found" or "your phone is connected". If it is "no phone found", user needs to use VR command to try to re-connect again. If it is connected user will hear "your phone is connected", if it is not currently connected, user will hear "searching….".When the connection processing is complete, user will either hear "your phone is connected" or "no phone found".
- To check connection status, simply use one of the voice command trigger options below, and then say "AM I CONNECTED?"   The device should respond with current connection status. If no connection exists the device will automatically search for a previously paired phone and attempt connection.
- If phone fails to connect, ensure that Bluetooth is enabled on the phone and re-attempt.

2.5   Main Voice Command Set Trigger options – 2 options to access

- Truly Handsfree option - Say "HELLO BTHF205T", if no response say again. Loud radio play or passengers talking may interfere with the ability to use the Truly Handsfree Voice trigger.
- Press the Main Front Button ⊂⊃ on Handsfree Speaker
- Either approach will trigger the "SAY A COMMAND" prompt, which indicates the device is listening for a operational voice command detailed in the chart blow.

2.6   Main Voice Commands & Actions

The most important command to remember:

"**WHAT CAN I SAY?**"   - BTHF 205T will remind you the available commands it is listening for.

Voice Command	Action
"What Can I Say"	Provides voice reminder of active commands headset will understand
"Am I Connected"	Provides voice response of connection status; attempts to reconnect (to Pair) if no connection
"Redial"	Calls the Last Outgoing Call
"Call Back"	Calls the Last Incoming Call
"Call Favorite <#>" (for #s 1-5)	Calls Speed Dial 1-5 on phone
"Call Home"	Calls Speed Dial 6
"Call Office"	Calls Speed Dial 7
"Call Voicemail"	Calls Speed Dial 1
"Call Information"	Calls Microsoft Bing 411 Handsfree information service
"Check Battery"	Checks Battery Level and responds
"Pair Mode"	Enter Pair Mode
"Phone Command"	Starts voice recognition on Phone for Name Dial, etc
"Settings Menu"	Starts configuration menu • Turning Caller ID prompt on/off • Disable "Say Your Command" prompt • Turning entire Voice Interface off to return to button only operation • Sets "Save Favorite" prompt • Voice Control Help
"Cancel"	Cancels the voice command process and returns to standby mode

2.7 Incoming Caller ID and Handsfree Answer/Ignore

● Listen for Caller ID prompt (Call from x-x-x-x-x-x-x-x-x, will play then prompt "Answer or Ignore?")
● Say ANSWER or IGNORE after Caller ID prompt completion. NO NEED TO PUSH BUTTON.
● To answer the call immediately or if the voice recognizer could not determine whether you said "Answer" or "Ignore", you can always click the main button at any time.

2.8 Cancel operations

● To cancel a Voice Recognition listening period either
    ➢ Say "CANCEL" after the "Say A Command" prompt or
    ➢ Click the Main Front Button ⌢ to cancel the operation
● To cancel/end a call in process
    ➢ BTHF205T does not "listen" to your phone calls; therefore no voice command can end a call.
    ➢ To end calls in process click the Main Front Button ⌢.

2.9 Save Favorite Number on the Handsfree

● For some phones the speed dial slot may not be assigned as usual from 1-8. Should this happen you have another way to directly save a phone number to a particular favorite slot on the Handsfree. After this "Save Favorite" process is completed, whenever you use the command, for example, "Call Favorite" then BlueGenie will directly dial the number saved in favorite 1 slot on the Handsfree device instead of instructing the phone to dial the number in its own Favorite/Speed Dial #1 slot. The number to be saved into any favorite slots is the last incoming call number. This feature also can be used for Call Office and Call Home.
● To do this, just say "Settings Menu", then "Save Favorite" and follow the prompts guide to complete the user friendly processing.

3. Quick User Guide

3.1 LED Pattern

- LED Pattern 1: Blue LED gives 1 blink per 3 seconds; Red LED is off.
- LED Pattern 2: Blue LED gives 3 quick blinks per 2 seconds; Red LED is off.
- LED Pattern 3: Blue and Red LEDs alternate continuously.
- LED Pattern 4: Blue and Red LEDs alternate every 3 seconds.
- LED Pattern 5: All LEDs are off.

Function	LED Pattern
Turn On	LED Pattern 1
Turn Off	LED Pattern 5
Enter pairing mode	LED Pattern 3
Pair handsfree with handset	LED Pattern 2
Connect (handsfree with handset)	LED Pattern 2
Answer/Reject/End call	LED Pattern 2
Redial/Call Back	LED Pattern 2
Volume Up/Down	LED Pattern 2
Low Power Warning	LED Pattern 4
Press MFB and Wait for a command	LED Pattern 3
TTS in Process	LED Pattern 2

3.2 Quick User Guide

3.2.1 Basic Function

Function	Action	Operation
Turn on	Turn on HF	Short Press ⏻
Turn off	Turn off HF(standby mode)	Short Press ⏻
Answer/Ignore Call	Answer an incoming call	Listen for Caller ID prompt (Call from x-x-x-x-x-x-x-x-x, will play then prompt "Answer or Ignore?"). Say ANSWER after Caller ID prompt completion
		Short Press ☏
	Ignore an incoming call	Listen for Caller ID prompt (Call from

		x-x-x-x-x-x-x-x-x, will play then prompt "Answer or Ignore?"). Say Ignore after Caller ID prompt completion
Cancel an operation	End a call in process	Short Press ⌣
	Cancel a Voice Recognition listening period	Say "CANCEL" after the "Say A Command" prompt or Short Press ⌣

3.2.2 Voice Command

Function	Operation
Voice Command	Short Press ⌣ and say the command.
ASR	**Action**
"What Can I Say"	Provides voice reminder of active commands headset will understand
"Pair Mode"	Enter Pair Mode
"Am I Connected"	Provides voice response of connection status; attempts to reconnect (to Pair) if no connection
"Redial"	Calls the Last Outgoing Call
"Call Back"	Calls the Last Incoming Call
"Call Favorite <#>" (for #s 1-5)	Calls Speed Dial 1-5 on phone
"Call Home"	Calls Speed Dial 6
"Call Office"	Calls Speed Dial 7
"Call Voicemail"	Calls Speed Dial 1
"Call Information"	Calls Microsoft Bing 411 Handsfree information service
"Check Battery"	Checks Battery Level and responds
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"Cancel"	Cancels the voice command process and returns to standby mode

4. Maintenance

BTHF205T is a well-designed communications device, careful maintenance and proper use will extend the product life and keep its elite performance in delivering voice and music. Following maintenance procedures may be helpful to you：

- Always turn off power and keep your device in a safe place when it is not in use

- Keep the device dry, away from water, precipitation, humidity, moisture, and various liquids that may corrode electronic circuits. If your device gets wet, turn it off immediately and wait until the device gets dry completely before using it

- Keep the device away from dusty and dirty places. Otherwise, the mechanic and electronic parts could be damaged

- Do not store the device in high temperatures or in direct sunlight. Extreme high temperature could degrade performance, reduce battery lifetime, and wrap or melt the certain plastics.

- Do not store the device in too cold place. Moisture could form inside the device when you take it to a warm place. This could damage the internal electronic circuits.

- Avoid dropping, knocking, and shaking the device. The mechanical parts and the internal electronic circuits could be broken.

- Avoid using hash chemicals, cleaning solvents, and any other strong detergent to clean the device. You may use a clean and slightly damp cloth to clean the device

- Always take to device to the nearest authorized service facility for repairing if it is malfunctioning. Disassembling, modifying, and replacing components yourself could degrade product performance, cause damages, and terminate warranty