

GoerTek GCK800 User Manual

Acknowledgement

We are pleased that you have chosen GCK800, the most innovative Bluetooth-enabled acoustic device ever in the world - a hybrid of car kit/speakerphone and headset.

It may be not unusual to make a call through a cell phone without holding it close to your ears when driving, walking, or working. However, you may have to sacrifice privacy when using a regular car kit and or speakerphone. With GoerTek's GCK 800, a hybrid of car kit/speakerphone and headset, you can enjoy not only the benefit of its car kit/speakerphone function, but private communication enabled by its embedded headset profile as well.

GCK 800 offers a number of functions and various benefits to its users. When plugging the headset into the speakerphone base, GCK 800 works as a high-quality car kit/speakerphone. The headset by itself provides similar functions but better sound quality than other regular Bluetooth headsets thanks to the embedded digital signal processing (DSP) technology.

A typical scenario is that when you drive to your office, home, or a shopping mall, you plug the headset into the speakerphone base, and take or make phone calls wirelessly by exploiting the car kit/speakerphone function of a GCK 800. After you arrive at your destination, you take the headset out of the speakerphone base, put it into your ears, and start to enjoy the mobility to which a Bluetooth headset entitles you.

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1. Safety and Efficient Operation Guide

Note: Please read this information before you use GoerTek GCK800. In this guide, “Short press” refers to a time period of less than 1 second during which a functional button is being pressed. “Long press” refers to a time period of more than 3 seconds during which a functional button is being pressed.

Users do not have the right to enjoy services after sale if they make changes to or modify the device in any way not permitted by the Manufacturer.

1.1 EMI

Note: Nearly every modern electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Electronic Devices

To avoid electromagnetic interference, please turn off GoerTek GCK800 in any place where posted notices instruct you to do so.

Aircraft

Turn off your GoerTek GCK800 when on board an aircraft. The use of a GoerTek GCK800 might interfere with the telecommunication system of an aircraft.

Medical Instruments

Please keep a safe distance away from the medical instruments in a hospital or medical unit when using your GoerTek GCK800. If you use any other personal medical device, such as a pacemaker, please consult the manufacturer of your medical device to determine if it is adequately shielded from electromagnetic interference. Your physician might assist you in obtaining this information.

1.2 Safety Instruction

Placement

You are advised to put your GoerTek GCK800 in a safe place where it will not be bent or crushed when not in use otherwise it may bring harm to human body.

Children

Keep GoerTek GCK800 away from children. Some small or detachable parts might be swallowed and result in harm.

2. Brief Introduction

2.1 Bluetooth Technology

Bluetooth technology is a short-distance wireless communication technology. Bluetooth products are used in frequencies operated by industry, science and medicine (ISM). It applies the technology of frequency-jump in order to avoid interference. The frequency band of 2.4GHz~2.48GHz is divided into 79 channels, and data is transferred at the frequency of 1600 frequency-jumps per second with a transmission distance of about 10m (Class II).

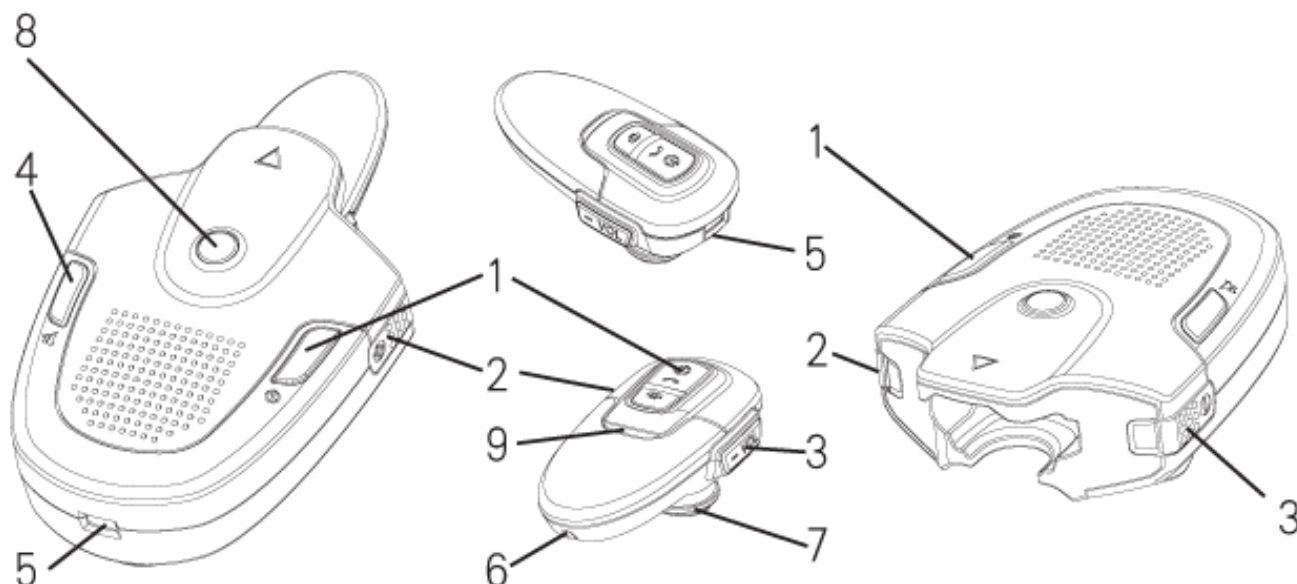
2.2 Bluetooth Car Kit

GoerTek GCK800 complies with Bluetooth version 1.2 and supports both the Headset Profile and Hands-free Profile. GoerTek GCK800 is able to communicate with other electronic devices equipped with Bluetooth Voice Gateway, such as handsets, PDAs, laptops, desktop computer, etc. In addition, GoerTek GCK800 has an innovative structural and functional design that allows it to be used as either

a car kit/speakerphone or a headset up to user's needs.

2.3 GoerTek GCK800 Overview

2.3.1 Function Instruction



GoerTek GCK800

Headset

Speakerphone Base

1—Multi-function Button	Turns on/off the headset, answers calls, ends calls;
2—Volume-increase Key	Increases the volume
3—Volume-decrease Key	Decreases the volume
4—Mute Key	Mutes the microphone during conversation, and the other side won't hear your voice.
5—Charging Interface	Charge the product
6—Microphone	Transfers sound into electronic signal
7—Receiver	Transfers electronic signal into sound
8—Charging Indicator	Indicates charging status
9—Working Indicator	Indicates working status

2.3.2 Specifications

Headset:

Charging time is around 2.5 hours.

Standby time is up to 100 hours.

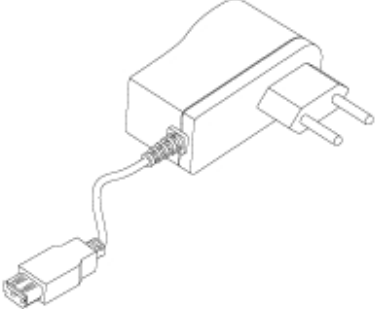
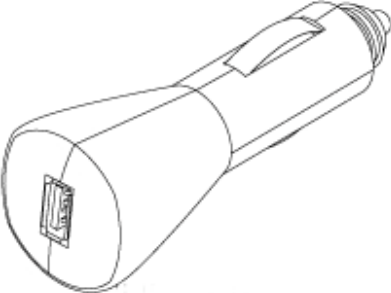
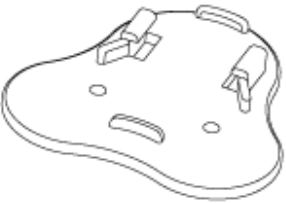
Talk time is up to 4 hours.

Whole Unit (Headset & Speakerphone base):

Charging time is around 4 hours (If headset and speakerphone base both need recharge, please charge the base for 5 minutes prior to charging both.)

Standby time is up to 12 days (300 hours).
Talk time is up to 6 hours.

2.4 Items in the Package

	
Headset	Speakerphone Base
	
Home Power Adapter	Car Adapter
	
USB Cable	Two Earplugs
	
Back-Stick Accessory	Metal Clamp
Operation Manual	Quick Start Guide

Note: Please refer to real products. The above pictures are only for your reference.

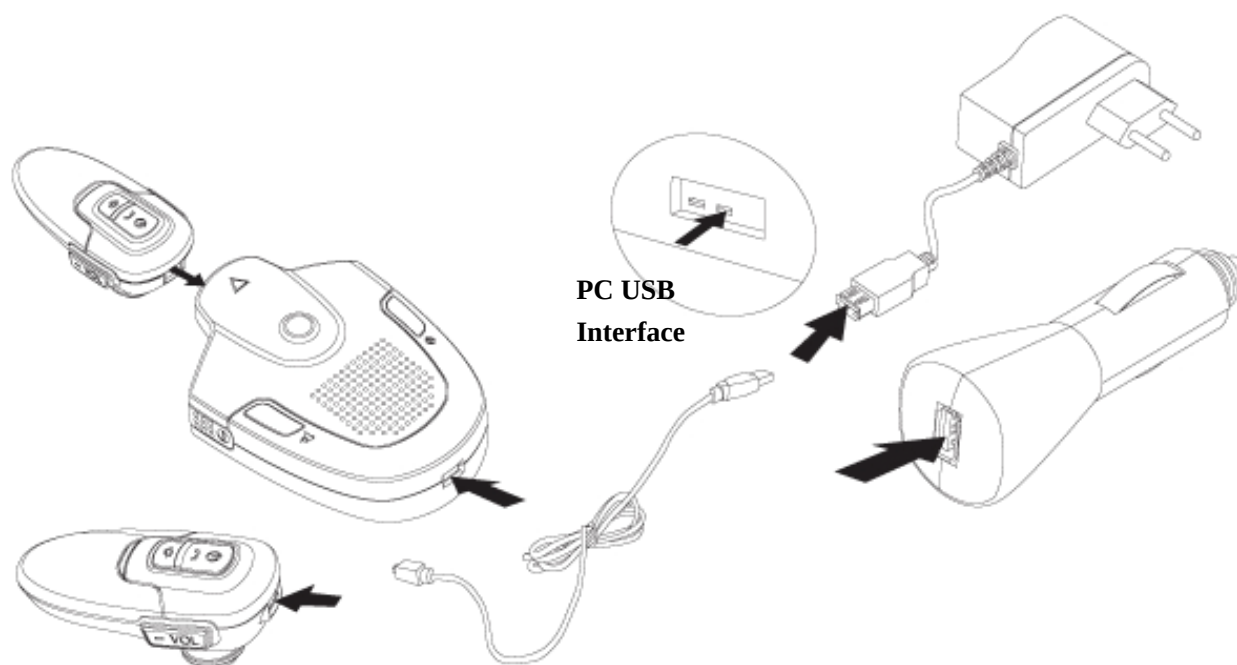
2.5 Compatibility List

GoerTek GCK800 is compatible with most Bluetooth-enabled handsets. You can visit GoerTek's website (<http://www.goertek.com>) for a list of handsets compatible with GCK800.

3. Using GoerTek GCK800

3.1 Battery Charge

GoerTek GCK800 supports three ways of charging:



3.1.1 Charge GoerTek GCK800 with Home Power Adapter

- ① Connect the home power adapter with one end of the USB cable.
- ② Insert another end of the USB cable into the charging interface of GoerTek GCK800.
- ③ Plug the home power adapter into a power socket at home, office or other places. At this time the Charging Indicator of GoerTek GCK800 lights up, which means GoerTek GCK800 has been well connected with power and starts charging.
- ④ When charging is completed, the charging indicator of GoerTek GCK800 will light out.
- ⑤ Pull the home power adapter out from the power socket and charging will stop.

3.1.2 Charge GoerTek GCK800 with PC

- ① Connect one end of the USB cable with PC or any other equipment supplying USB power.
- ② Insert another end of the USB cable into the charging interface of GoerTek GCK800. At this time the charging indicator of GoerTek GCK800 lights up, which means GoerTek GCK800 has been well connected with power and starts charging.
- ③ When charging is completed, the charging indicator of GoerTek GCK800 will light out. Pull the USB cable out from the PC or other USB equipments and charging will stop.

3.1.3 Charge GoerTek GCK800 with Car Adapter (Vehicle Power Adapter)

- ① Connect the car adapter with one end of the USB cable.
- ② Insert another end of the USB cable into the charging interface of GoerTek GCK800.

- ③ Plug the car adapter into the auto lighter socket. At this time the charging indicator of GoerTek GCK800 lights up, which means GoerTek GCK800 has been well connected with power and starts charging.
- ④ When charging is completed, the charging indicator of GoerTek GCK800 will light out.
- ⑤ Pull the car charger out from the auto lighter socket and charging will stop.

3.1.4 Charge GoerTek GCK800 headset with speakerphone base

- ① Insert headset into speakerphone base. At this time indicator on headset lights up. The red light indicates headset is under charging.
- ② When charging is completed, the red light of headset will light out.
- ③ Pull out the headset from speakerphone base. The headset could be used now.

Note: You can continue using your GoerTek GCK800 during charging.

3.2 Turn On /Off GoerTek GCK800

Turn On: Long press the multi-function button until blue light blinks and the headset beeps twice, then release the button. The power is on.

Turn Off: Long press the multi-function button until red light blinks quickly and headset beeps twice, then release the button. The power is off.

3.3 Pairing GoerTek GCK800 with Bluetooth Handset

Before using GoerTek GCK800, make sure that it is paired to your Bluetooth handset or other Bluetooth devices.

- 1、Ensure your GoerTek GCK800's power is off before pairing.
- 2、Press the multi-function button for 5 seconds until red and blue lights blink alternately. This indicates that your GCK800 is in pairing status.

NOTE: You will find that the blue light will blink first before the red and blue lights blink alternately, which indicates the power is on. Make sure to continue pressing the multi-function button until the lights are blinking alternately and the headset beeps three times.

- 3、Execute the Bluetooth device searching function on your handset. It may take several seconds to search Bluetooth device. (Take NOKIA 6230 as an example.)



- 4、After the search process has been successfully finished, the handset screen will display the name of found Bluetooth device. Please select "GCK800" and press select button to confirm.
- 5、You will be required to enter Identification Code. Enter "0000", and then press the confirm button. Now, your handset starts pairing with GoerTek GCK800.

6、Blue light should come on - instead of red and blue lights blinking alternately - after pairing is successfully completed.

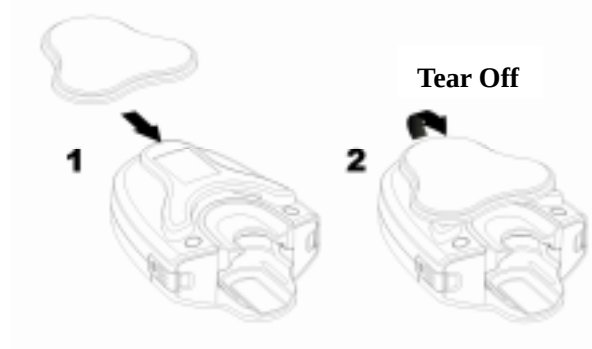
Note 1: Your handset will not find GoerTek GCK800 if your GoerTek GCK800 is not in pairing status. So please confirm whether your GoerTek GCK800 is in pairing status or not before pairing.

Note 2: If pairing is unsuccessful after about one minute, the headset will automatically transfer to standby mode.

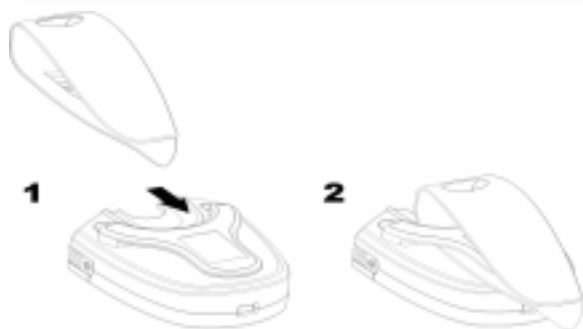
Note 3: Pairing is necessary because it guarantees communication security. The Identification Code exchange will assure that there is a connection between your handset and GoerTek GCK800 exclusively.

3.4 Locating GoerTek GCK800

To maximize users' operating flexibility, GoerTek GCK800 has been designed to be located inside a car in a number of ways. We introduce two typical ways as follows:



**Stick GoerTek GCK800
on flat surface inside**



**Clamp GoerTek
GCK800 on the
Sunshade Board**

Note1:Please place the GCK800 in a position that will not block the driver's sight or interfere with safe vehicle operation.

Note2:The user should ensure the position of GCK800 inside a car complies with international, state and local regulations.

Note3:Please ensure the position of GCK800 won't interfere with any safety equipments in a car, such as an air bag.

Note4:GCK800 should be placed at a safe position to avoid being dislodged and bringing harm to user owing to bump, collision or other accidents during driving.

3.5 Making a Call

Make sure your GoerTek GCK800 is connected to your handset before you make a call. GoerTek GCK800 can support "voice dialing" function if your handset has this function. For details on voice-dialing, please refer to your handset's user manual.

- 1、Voice dialing: Press the multi-function button until GoerTek GCK800 beeps to indicate that you can now say the name. Press the multi-function button to cancel it during voice dialing.

Note: It is suggested that you use your Bluetooth headset to record your dialing voice.

- 2、Dial with handset keypad: Dial numbers in the normal way. You can hear on GoerTek GCK800 when the call is connected.

- 3、Re-dial the last dialed number: In standby mode, long press the volume increase key until the headset beeps twice.

Note: Your handset's model and settings determine whether there is keypad tone or not. Adjust volume during your call through the volume adjustment keys of GoerTek GCK800.

3.6 Answering an Incoming Call

Before using GoerTek GCK800 to answer an incoming call, make sure that the GCK800 is connected to your handset or that your handset has stored the pairing information of GoerTek GCK800 and these two devices are within effective distance.

1. When there is an incoming call, the ring tone is heard from both GoerTek GCK800 and your handset, and blue light blinks quickly. Press the multi-function button to answer the phone.
2. If "automatic answer" function is set on your handset, GoerTek GCK800 will automatically answer the call without the need of pressing the multi-function button on GoerTek GCK800.
3. If GoerTek GCK800 is off when there is an incoming call, long press the multi-function button to turn it on, and then short press it to answer the call.

Note 1: Some brands of handsets don't ring, instead, GoerTek GCK800 rings when there is an incoming call. Simply press the multi-function button to answer the call.

Note 2: Some brands of handsets (e.g., Sony Ericsson P800) ring, but GoerTek800 doesn't ring when there is an incoming call. Please short press the multi-function button of GoerTek GCK800 to answer the call when the handset rings.

3.7 Ending a Call

When using GoerTek GCK800, you can end a call in any of these ways:

1. Short press the multi-function button on GoerTek GCK800;
2. Press the end call key on your handset;
3. The call will end automatically when the party you're talking to hangs up the call.

3.8 Mute

1. Under call mode, press and hold the mute key until you hear an inflection. The microphone will be in mute mode, and the other side will not be able to hear your voice. In such a state, you may hear "toots" at regular intervals.
2. Under mute mode, press the mute key to bring the microphone from mute mode back to the normal mode.

Note: When using the headset alone, you may achieve this function by pressing volume increase and volume decrease keys at the same time.

3.9 Rejecting an Incoming Call

When using GoerTek GCK800, you can reject a call in any of these ways:

1. Long press the multi-function button on GoerTek GCK800 until you hear a long "toot";
2. Press the end call key on your handset;

3. Automatically disconnect if call waiting is overtime.

3.10 Call Divert

1. During a call, you may switch from GoerTek GCK800 to your handset in any of these ways:
 - 1) Long press the volume decrease key on GoerTek GCK800 until you hear it beeps twice;
 - 2) Use the appropriate function on your handset;
 - 3) Directly turn off GoerTek GCK800;
2. During a call, if you want to switch the call from the handset back to GoerTek GCK800, please long press the volume decrease key on GoerTek GCK800 until it beeps twice or use the appropriate function on your handset. If GoerTek GCK800 is at off state during a call, turn it on and short press the multi-function button to transfer the call from the handset to GoerTek GCK800.

Note: The operating procedures of this function will vary according different brands of handsets.

3.11 Three-way Call

If your handset and the mobile service you subscribe to support three-way call, you can enjoy this function with GoerTek GCK800 as well. Please follow procedures below when one party is at waiting state and the other at active state:

1. Keep the active call, answer the waiting call: short press the multi-function button on GoerTek GCK800.
2. Hang up the active call and answer the waiting call: long press the volume increase key on GoerTek GCK800 until it beeps twice.
3. Start/End three-way call function: three-way call function is opened by long pressing the multi-function button on GoerTek GCK800 until it beeps twice; three-way call is ended by long pressing the volume decrease key during three-way call until it beeps twice and “toots” abnormally.

3.12 Volume Adjustment

During a call, You can adjust the volume through the volume adjustment keys..

1. Press the volume increase key to increase volume.
2. Press the volume decrease key to decrease volume.

Note 1: There will be a low, short sound each time you press the volume key; the volume of this tone will increase or decrease as you press the volume keys.

Note 2: Please tune your GoerTek GCK800 to a suitable volume between maximum and minimum.

Note 3: You can also use the volume keys of your handset to adjust the volume of GoerTek GCK800.

3.13 Low Battery Alert

Your GoerTek GCK800 needs to be recharged when red light blinks at intervals at power on status.

4. Important Information

4.1 Note

4.1.1 Maintenance

- 1 Please keep this product in a dry place, and clean it periodically with a soft cloth.
- 2 Please do not store GoerTek GCK800 in a dusty place, nor in very high nor low temperatures.
- 3 Please do not disassemble GoerTek GCK800, otherwise you may damage it.

- 4 Try do avoid rough treatment like dropping, knocking or shaking GoerTek GCK800.
- 5 Be sure to only plug the adapter into appropriate electrical outlets in order to avoid damaging the battery.

4.1.2 Battery

1. When using GoerTek GCK800 for the first time, please make sure the battery has been fully charged for at least 3 hours.
2. Battery maintenance:
 - Only professional could change the battery.
 - If GoerTek GCK800 will not been in use for a long time, make sure charge it at least every two months.
 - Do NOT dispose batteries in fire because of the danger of explosion.

4.1.3 Power Supply

1. An alternative power adapter can only connect with a compatible power source.
2. Hold the adapter, not the cable, when you remove the adapter from power socket.
3. Do NOT directly spray liquid or spray detergent on the surface of your GoerTek GCK800. Spray the detergent on the soft cloth, and then clean the device with soft cloth. Cut off the charging power and turn off the device when you clean GoerTek GCK800.

4.1.4 Car with Safety Gas Bag

Do NOT place GoerTek GCK800 on top of the safety gas bag or within the area gas bag can reach after it is unfolded. If you place GoerTek GCK800 within the area the safety gas bag can reach when the safety gas bag is expanding, GoerTek GCK800 may be ejected by the expanding gas bag, and may result in serious harm to the driver or passengers.

4.2 Frequently Asked Questions

1. Can GoerTek GCK800 be used for all brands of handsets?
 - No, it is only suitable for handsets that have the Bluetooth Voice Gateway function built-in.
2. How far is the effective distance between GoerTek GCK800 and a Bluetooth handset?
 - The effective distance (with no barriers) is 10 meters (33 feet, Class II).
3. Can another Bluetooth handset user hear my conversation?
 - No. Through pairing, you have created a secure link between your handset and your GCK800.
4. Why does the red light turn on and flash?
 - The battery of the headset of your GoerTek GCK800 is running out of power. Please recharge it.
5. Why does my handset couldn't find GoerTek GCK800?
 - Your handset could find GoerTek GCK800 under condition of GoerTek GCK800 is under pairing mode. Please refer to "Pairing GoerTek GCK800 to Bluetooth Handset" for details.
6. Is pairing needed each time when I use GoerTek GCK800?
 - No. The pairing information will be stored in both devices even if one or both of them have been turned off.
7. Is it necessary to reconnect the two devices when there is an interruption on the link between my handset and GoerTek GCK800?
 - It varies according different brands of handsets. Some handsets can be reconnected automatically if both devices are within the effective distance. Some handsets require to be reconnected.
8. Why is there noise in my GoerTek GCK800?
 - When the distance between your handset and GoerTek GCK800 exceeds the effective distance, background noise will surface accordingly.
 - If the signal for your handset is in a poor condition in your area, GoerTek GCK800 will have

corresponding poor quality reception.

9. What should I do if the headset's sound quality is poor?

Try adjusting the volume of your handset or headset. Also, check the quality of the signal for your handset in your area.

4.3 Other Instructions

Different Bluetooth-enabled handsets may have been designed in different ways and functioned differently. The above instructions may not cover all the matters. For further information please refer to the user manual of your specific handset or consult with GoerTek.

4.4 Contact Us

If you need further help, please contact us:

GoerTek Electronics

Global Location:

■Qingdao ■Taiwan ■USA ■Hong Kong ■Shenzhen

E-mail : service@goertek.com

<http://www.goertek.com>

4.5 Registration Right and Registered Trademark

The copyright and brand name are owned by the register. All information in this manual is subject to change without prior notice. GoerTek has the authority to explain the above information.

For more information, please visit GoerTek website: <http://www.goertek.com>.

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.