

## Test 8 - Telecom

462 words

### 1. Brief Introduction

#### 1.1 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).

簡介

##### 1.1 藍芽科技

藍芽科技為短距離無線通訊科技。藍芽產品是經由 ISM 頻段來作動。它是藉由頻率跳頻技術來避免互相干擾。在 2.4GHz 到 2.48GHz 地頻段裡區分出 79 個頻道，而資料則是在傳輸距離 10 米之下以每秒 1600 跳頻頻率來傳輸。

#### 1.2 Bluetooth Car Kit

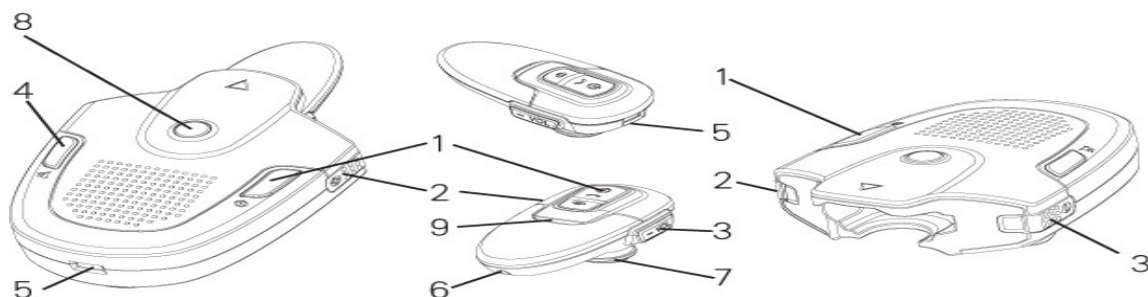
GoerTek GCK800 complies with Bluetooth version 1.2 and supports both the Headset Profile and Hands-free Profile. GoerTek GCK800 is able to communicate with other electronic devices equipped with Bluetooth Voice Gateway, such as handsets, PDAs, laptops, desktop computer, etc. In addition, GoerTek GCK800 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.

##### 1.2 車用藍芽套件

歌爾 GCK800 相容藍芽 1.2 且支援耳機及免持耳機模式。歌爾 GCK800 能與搭配藍芽語音閘道器的設備溝通、如耳機、個人數位助理、筆電、桌電等等。除此之外，歌爾 GCK800 創新的結構及功能設計讓它能根據使用者的需求來使用車用喇叭擴音器或是耳機。

#### 1.3 GoerTek GCK800 Overview 歌爾 GCK800 概略

##### 1.3.1 Function Instruction 功能架構



GoerTek GCK800 歌爾 GCK800 本體

Headset 藍芽耳機

Speakerphone Base 喇叭擴音器底座

- 1-Multi-function Button Turns on/off the headset, answers calls, ends calls; 多功能鍵：開關機鍵、通話應答、結束通話
- 2-Volume-increase Key Increases the volume 音量增加鍵：增加音量
- 3-Volume-decrease Key Decreases the volume 音量降低鍵：降低音量
- 4-Mute Key Mutes the microphone during conversation, and the other side won't hear your voice 靜音鍵：講話時讓麥克風靜音，而且對方不會聽到你的聲音
- 5-Charging Interface Charge the product 充電介面：讓產品充電
- 6-Microphone Transfers sound into electronic signal 麥克風把聲音轉化成電子訊號
- 7-Receiver Transfers electronic signal into sound 收話筒將電子訊號轉成聲音
- 8-Charging Indicator Indicates charging status 充電顯示則顯示充電時的狀態
- 9-Working Indicator Indicates working status 工作狀態顯示運作狀態

### 1.3.2 Specifications 規格

Headset: 耳機

Standby time is up to 100 hours. 待機時間能達 100 小時

Talk time is up to 4 hours. 通話時間能達 4 小時

Charging time is around 2.5 hours. 充電時間大約 2.5 小時

Whole Unit (Headset & Speakerphone base): 整套 (耳機及喇叭麥克風底座)

Standby time is up to 200 hours. 待機時間能達 200 小時



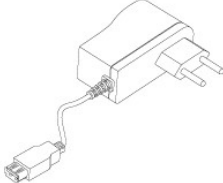
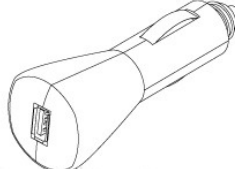




Talk time is up to 6 hours. 通話時間能達 6 小時

Charging time is around 4 hours 充電時間大約 4 小時

**Note:** If headset and speakerphone base both need recharge, please charge the base for 5 minutes prior to charging both.)

註記：如果耳機跟喇叭麥克風都需要充電，請先將底座充電五分鐘，爾後再連同耳機一起充電。

### 1.4 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. 請參考實際產品。上列圖片僅供參考**

## **1.5 Compatibility List 相容名單**

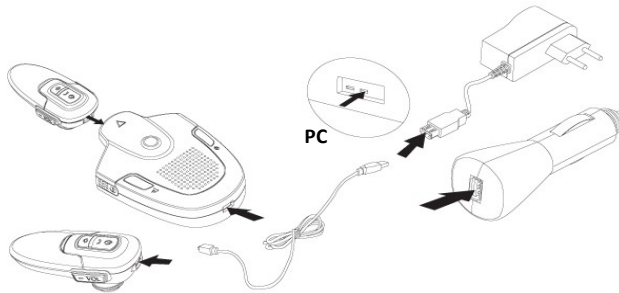
GoerTek GCK800 is compatible with most Bluetooth-enabled handsets. You can visit GoerTek's website (<http://www.goertek.com>) for a list of handsets compatible with GCK800.

歌爾 GCK800 相容於眾多藍芽耳機。你可以上歌爾的網站查詢與 GCK800 相容的藍芽耳機名單。

## **2. Using GoerTek GCK800 使用歌爾 GCK800**

### **2.1 Battery Charge 電池充電**

GoerTek GCK800 supports three ways of charging: 歌爾 GCK800 支援三種充電方式



歌爾 GCK800 提供了三種充電方式

#### **2.1.1 Charge GoerTek GCK800 with Home Power Adapter**

**使用家用變壓器來充電**

- 1 Connect the home power adapter with one end of the USB cable. 將變壓器連接到 USB 線
- 2 Insert another end of the USB cable into the charging interface of GoerTek GCK800. 把 USB 線另一端插入歌爾 GCK800 的充電介面
- 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. 將變壓器插入居家、辦公室或是其他地方的插座。同時歌爾 GCK800 的充電顯示燈亮，即表示 GCK800 與電源端連結良好。
- 4 When charging is completed, the charging indicator of GoerTek GCK800 will light out. 當充電完成後，戈爾 GCK800 的充電螢幕的燈光會熄滅

- 5 Pull the home power adapter out from the power socket and charging will stop. 當變壓器從家用插座拔出後即停止充電

<b>Questions</b>
Sources: indicate the main sources you used as reference for this test.
Comments on your test.