



TK1000

## ● Note

- Before using the product, please read the Quick Guide to fully benefit from it.
- Warranty period is 1 year from date of purchase.
- This product involves constant upgrading and/or improvement, our company reserves the right to change the specifications of software and/or hardware mentioned in this operating guide without any prior notice. The product specifications and information mentioned in the operating guide are for reference only.

## ● Check list

- Please check the following accessories before you discard the packing material. Please contact your local dealer immediately if there is any missing or damage parts.

| Accessories       | Quantity |
|-------------------|----------|
| TK1000            | 1        |
| USB Data Cable    | 1        |
| Battery           | 1        |
| Charging Plug     | 1        |
| Quick Start Guide | 1        |

## 1. Overview of TK1000

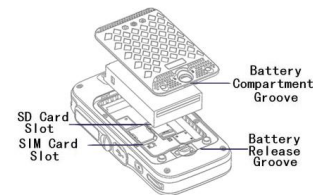


## ● LED indicator light

| Operating state        | Indication       |
|------------------------|------------------|
| USB Charging           | Red (Blinking)   |
| No Network             | Red (Steady)     |
| Standby Mode           | Green (Steady)   |
| PTT                    | Green, (Steady)  |
| PTT Receiving/ Queuing | Green (Blinking) |
| Emergency Initiation   | Blue (Blinking)  |
| Emergency Call Ongoing | Blue (Steady)    |

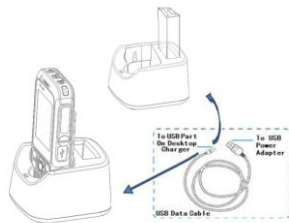
## 2. Installation of SIM card

1. Anticlockwise the switch of battery cover, open it and remove battery
2. Insert the SIM card as shown in the picture
3. Insert the SD card into the slots shown in the picture
4. Put back the battery and the battery cover and press the cover firmly before clockwise the switch



### 3. Charging the Battery

#### ● Using Desktop Charger

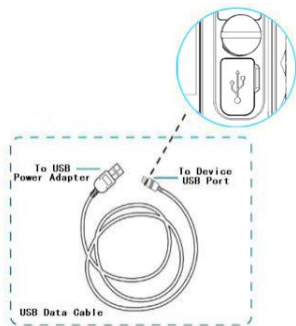


Connect the Desktop Charger and the Power Adapter using the USB Data Cable.

Red light on the desktop charger indicates battery charging in progress.

Green light on the desktop charger indicates fully charged.

#### ● Using USB Data Cable



Connect the IP smart terminal and power adapter using the USB Data Cable.

Red light on the IP smart terminal indicates battery charging in progress.

Lights off indicates fully charged.

**WARNING: DO NOT USE THE ABOVE TWO CHARGING METHODS SIMULTANEOUSLY.**

#### Important:

*Use only the approved SGINodesignated charger.*

*Battery must be fully charged before first use.*

*Do not expose the battery to high temperature.*

*Do not dismantle the battery.*

### 4. Basic operations

#### ● Startup

Press the power on button for 3 seconds, Once the screen goes light up,

You will see the "Startup", it indicates successful login.

#### ● Shut Down

Press the power off button for 3 seconds, Once the screen goes blank, the smart terminal is fully shut down.

#### ● Group Selection

Screen blank

●Press the group selection+/- button, the current group will be announced.

Screen lighted

●Press the group selection+/- button, you will hear the "tinkle" tone

#### ● Unlock

●Press menu button then press back button to unlock

●Slide lock icon on the screen to unlock

#### ● Group Call

●Press and hold the PTT button until you hear the Permit Tone.

●You are now connected to the Group.

●You may begin to talk.

●Release PTT button to end the call and the device will be in the receiving mode.

#### ● Emergency Call

Press and hold the Emergency button for 3 seconds and an emergency call will be made to the Console.

#### ● Outgoing Call

IP Smart Terminal can do mobile calls, VoIP call and Dynamic PTT.

After keying number, select the mode of outgoing call.

#### ● Input Method

When in text mode, press # to change input text. (123,abc,ABC,中文,注音,倉頡,Fran çais,Elespa ñolsymbols)

#### ● Backlight

Press "End" button to on and off backlight. You can select the time duration of the backlight.

#### ● Low Batt

When the battery power fall below 10%, a "beeping" tone will be heard.

#### ● Document Manager

Select document manager, you will see all folder including pictures and videos.

#### ● Troubleshooting

| No | Problem                        | Solution                                                                                                                                                                                                                                                                                                                                                                                         |
|----|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Silent, no response            | <ul style="list-style-type: none"> <li>●Battery might be drained, please replace the battery or charge it.</li> <li>●Battery might not be installed correctly, please replace it with a fully charged battery or charge the battery.</li> <li>●Check if the device has been power on.</li> <li>●Check the volume level.</li> <li>●Check if the external audio accessory is connected.</li> </ul> |
| 2  | Unable to make / receive calls | <ul style="list-style-type: none"> <li>●Check if you are in the same group.</li> <li>●Check whether the network is connected</li> </ul>                                                                                                                                                                                                                                                          |
| 3  | Battery drained rapidly.       | <ul style="list-style-type: none"> <li>●Turn off the power/volume switch when using.</li> <li>●Shut down the Wi-Fi and GPS if not in use.</li> </ul>                                                                                                                                                                                                                                             |
| 4  | Cannot Charge                  | <ul style="list-style-type: none"> <li>●Check USB cable, replace if faulty.</li> </ul>                                                                                                                                                                                                                                                                                                           |

## ➤ 用戶須知

- 請您在使用本產品之前仔細閱讀使用指南，以便您能更輕鬆自如的操作本機。當您使用本產品時，我們認為您已經閱讀了使用指南。
- 請妥善保存使用指南，以供日後參考或使用本產品的人均可閱讀。
- 為了維護您的合法權益不受侵犯，請您在購買本公司產品時認真如實的填寫（用戶保修卡），並索取真實有效的購買憑證。
- 本產品的所有部分包括配件等，其相關產品產權等歸本公司或本公司授權的相關主體所有，未經權力主機許可，不得任意仿製、拷貝、抄襲、轉譯。
- 因本產品涉及升級或改善，本公司保留不必事先通知即可隨時變更此使用指南中所述軟件及硬件規格的權力，使用指南所提到產品規格及信息只做參考。
- 所有文字雖經仔細核對，難免有錯漏，對此本公司保留最終解釋權。

## ➤ 開箱和裝置檢查

請小心從包裝箱中取出智慧型對講機。我們建議您在丟棄包裝材料之前，先按照下表清點附件，如發現任何物品遺失或損壞，請立即與經銷商聯繫。

附件清單

| 附件     | 數量 |
|--------|----|
| TK1000 | 1  |
| 傳輸線    | 1  |
| 鋰電池    | 1  |
| 充電插頭   | 1  |
| 快速使用指南 | 1  |

## 1 熟悉本機



- LED 指示燈

| 工作狀態           | 指示    |
|----------------|-------|
| USB 充電         | 紅色，閃爍 |
| 網絡不可用          | 紅色，常亮 |
| 待機狀態           | 綠色，常亮 |
| PTT 對講         | 綠色，常亮 |
| PTT 聽講或 PTT 排隊 | 綠色，閃爍 |
| 一鍵警告中          | 藍色，閃爍 |
| 警告接通           | 藍色，常亮 |

●組切換鍵

暗：短按組切換鍵+/-自動切換到下一個/上一個對講組並報當前組名表示切換成功。

亮：短按組切換鍵+/-自動切換到下一個/上一個對講組聽到「叮」「咚」表示。

●一鍵警告鍵

長按3S會呼叫中控台，未配置中控台無法呼叫。

● PTT 按鍵

按下PTT按鍵後，對著麥克風講話來呼叫對方，放開PTT按鍵可接收對方講話。

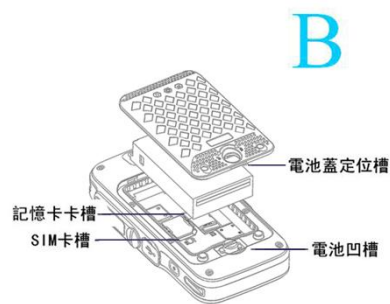
●解鎖

點擊左軟鍵再點擊右軟鍵解鎖；  
滑動螢幕上鎖到解鎖位置可以解鎖。

●USB 接口和耳機接口

充電或數據傳輸端口，3.5mm標準耳機使用插口。

## 2 SIM 卡和記憶卡的安裝

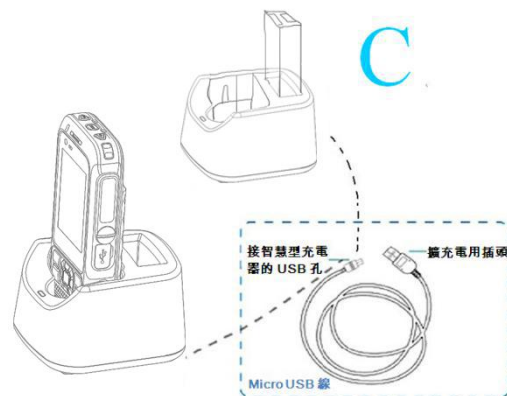


1. 逆時針扭動電池蓋開關，打開後蓋，並取下電池。
2. 將SIM卡按圖示插入SIM卡槽。
3. 將存儲卡按圖示插入存儲卡槽。
4. 將電池按正確方向放入電池槽，並扣上電池蓋。順時針扭動電池蓋開關，鎖緊電池蓋。

### 3 電池充電

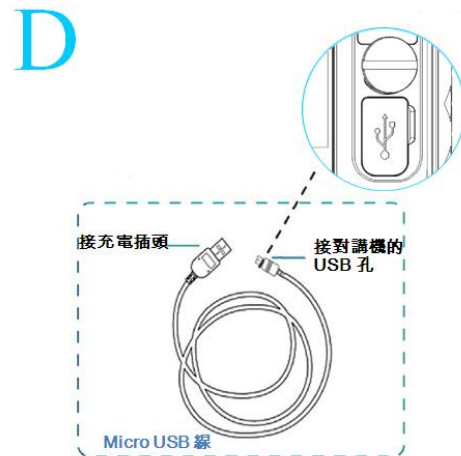
#### ●使用座式充電器充電

將Micro USB線一端插到充電插頭上另一端插入座式充電器背面的插孔上，將智慧型對講機或電池插入座式充電器內，座式充電器上的LED紅燈亮代表充電進行中，LED綠燈亮表示電池已充滿。



#### ●使用USB線直接對設備充電

將Micro USB線一端插到充電插頭上另一端插入智慧型對講機的USB孔上，智慧型對講機螢幕會顯示充電。



**注意：兩種充電方法不能同時使用。**

出廠時，對講機電池未充電，請在第一次使用前對電池充電。

請勿短路電池端子或將電池丟棄於火中。  
切勿擅自拆卸電池的外殼。

### 4 基本操作

#### ●開機

長按開關機鍵3秒，螢幕會亮起出現開機動畫，當聽到「咚」表示登錄成功。

#### ●關機

長按開關機鍵3秒，看到關機動畫，等待動畫消失表示關機完成。

#### ●電話

智慧型對講機分為行動電話、VOIP電話和臨時對講，當輸入完號碼後需要選擇電話類型進行撥號。

#### ●對講

按住PTT按鍵，聽到「叮」「滴滴」表示通話成功可以對著麥克風用正常聲調講話。請保持麥克風距離嘴唇大約3~5cm，使通話音質達到最佳。放開PTT按鍵，聽到「叮咚」對講處於接收狀態。

#### ●輸入法切換

進入文字輸入框按#鍵會提示輸入文字類型包括（123、abc、ABC、中文、注音、倉頡、法語、西班牙語、符號）輸入法切換。

#### ●螢幕亮/暗

點擊掛斷鍵螢幕會亮/暗，可以通過設置選擇無操作後螢幕暗的時間。

#### ●一鍵警告

長按一鍵告警鍵3S以上會呼叫緊急號碼。通話原理與呼叫相同。

#### ●低電提醒

當智慧型對講機電量低於10%時會有「嘟嘟」聲音提示

#### ●文件管理

進入文件管理能看到所有的文件，僅能預覽「圖片」和「視訊」。

### 5 常見故障及排除方法

| 序號 | 故障現象      | 故障原因及排除方法                                                                                                                                               |
|----|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 無聲無反應     | <ul style="list-style-type: none"> <li>●電池可能已耗盡</li> <li>●電池可能未正確安裝</li> <li>●請檢查是否已經打開對講機</li> <li>●請檢查是否已將音量旋鈕打開</li> <li>●請檢查是否已將耳機與對講機相連</li> </ul> |
| 2  | 不能互相通話    | <ul style="list-style-type: none"> <li>●檢查是否在同一群組裡</li> <li>●網路是否已經連接成功</li> </ul>                                                                      |
| 3  | 使用時間短     | <ul style="list-style-type: none"> <li>●在不使用的情况建議電源/音量旋鈕關閉，以免造成電量的消耗</li> <li>●在不使用GPS和Wi-Fi的時候建議關閉此開關</li> </ul>                                       |
| 4  | 使用USB無法充電 | <ul style="list-style-type: none"> <li>●檢查USB接頭是否損壞</li> <li>●檢查USB是否插好</li> </ul>                                                                      |

## **FCC RF EXPOSURE INFORMATION:**

**WARNING!! Read this information before using your phone**

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

## **BODY-WORN OPERATION:**

This device was tested for typical body-worn operations with the back/front of the phone kept 0.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5 cm must be maintained between the user's body and the back/front of the phone, including the antenna. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories

that cannot maintain 0.5cm separation distance between the user's body and the back/front of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSI C95.1> (1992) / <NCRP Report 86> (1986) / <ICNIRP> (1999)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

## **NORMAL POSITION:**

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

### **RF Exposure Information:**

This product is in compliance to FCC RF Exposure requirements and refers to FCC website <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2AMWETK1000 to gain further information include SAR Values.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: 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

Do not use the device with the environment which below minimum  $-10^{\circ}\text{C}$  or over maximum  $50^{\circ}\text{C}$ , the device may not work.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Ad Hoc function is supported but not able to operate on non-US frequencies.