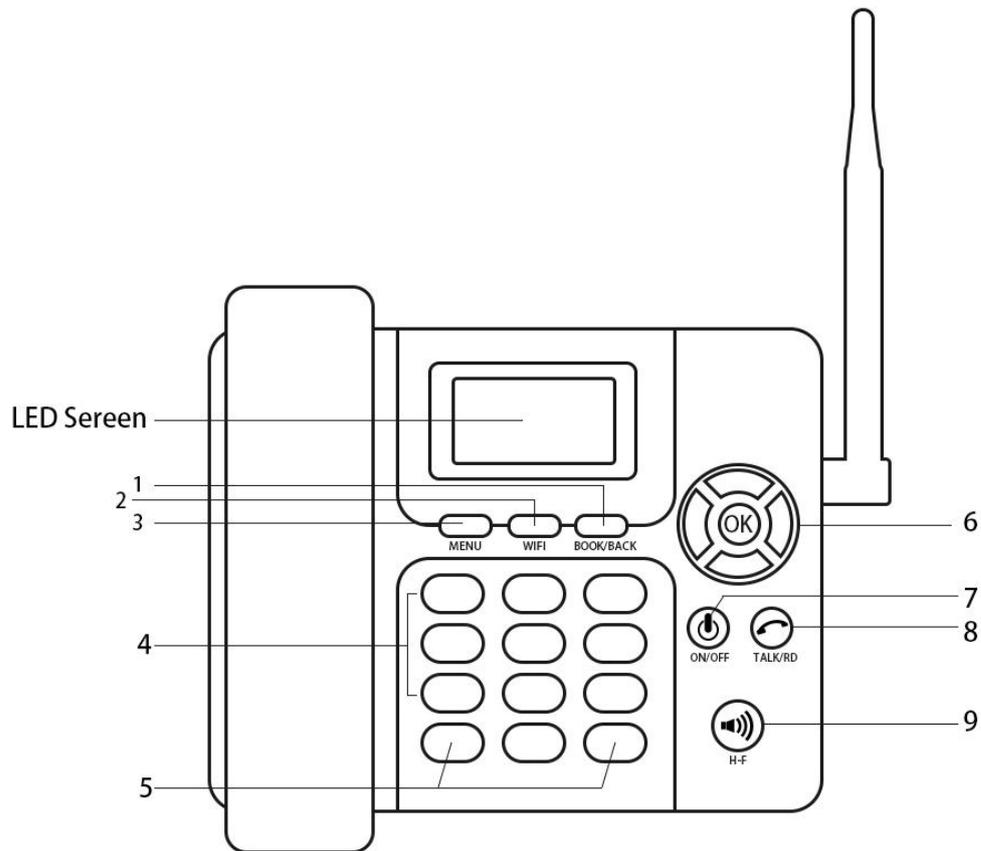


# **4G WIFI Fixed Wireless Phone ETS-6688 User Manual**



**Version 1.0 2018-12-20**

# 1. Overview



## 2. Appearance

Congratulations on your purchase of the 4G Fixed Wireless Phone ETS-6688 (Hereinafter referred to as Phone). The Phone has been designed to operate with the latest wireless communication technology which has many advanced features and provides an excellent voice quality.

### **The Phone has advanced features as follows:**

- 2G Band:B2,B3,B5,B8 3G Band:B1,B2,B5B,B8  
4G Band FDD:B1,B2,B3,B4,B5,B7,B8,B20,B28a,B28b;4G Band TDD:B38,B39,B40,B41  
Frequency bands can be adjusted as required
- WIFI Standard:IEEE 802.11b/g/n
- VoLTE Voice
- FM Radio,SMS,MP3
- Android 4.4
- Dot-matrix LCD with back light
- LCD display contents include signal strength, battery charging status,missed phone call, new SMS, WIFI Hotspot, signal strength,power status,time, date, operator information
- Phone book
- Caller ID
- Memory store 20 incoming, 20 outgoing and 20 missed calls
- Different ringing tone for incoming call and SMS
- Speed dial,hands free, redial, call divert, call waiting, call barred.
- Keypad tone volume adjustable
- Calendar, alarm clock, calculator
- Rechargeable backup battery, Standby:120hrs talking time<5hrs
- TNC antenna or integrated antenna optional
- Dual SIM or single SIM optional

## 3 Key board Introduction

- 1) **【Menu】** :In idle state, press this button to select item or go to sub-menu.
- 2) **【WIFI】** :In idle state, press this button to go to WIFI sub-menu
- 3) **【BOOK/BACK】** :In idle state, press this button to go to phone book, press "BACK" to return to upper Menu
- 4) **【◀】** :In the idle state, set the menu  
**【▶】** :In the idle state, go to the calculation menu  
**【▲】** :In the idle state,go to the calendar Settings  
**【▼】** :In idle state,go to Shortcut key setting
- 5) **【OK】** :confirm your setting
- 6) **【ON/OFF】** :press this button  about 3 seconds for power on phone. Press 3 seconds again, the phone will be power off.
- 7) **【Talk】** :Outgoing with the dialed phone number immediately. In idle state, pressing this button will be into "Outgoing Call log".
- 8) **【Redial】** :Redial the last phone call number.
- 9) **【H.F.】** :Press this button instead of taking up handset.
- 10) The Number key 1,2,3,4,5,6,7,8,9,0 and \*, #

## 4. Installation

### 4.1 SIM card installation

Open the battery cover and take away battery, then the SIM slot can be seen. Please insert SIM card into the SIM slot.

### 4.2 How to use the phone

#### 4.2.1 Turn On phone

After installing SIM card and battery,press power ON/OFF button  3 seconds, the phone will

be power on, The LCD screen shows operator name, time, signal and capacity of battery. Then you can make/receive calls.

#### 4.2.2 Turn Off phone

Press button  3 seconds to power off the FWP from the working state.

#### 4.2.3 Make a call

- ◆ Dial numbers: dial numbers and the numbers will be shown in the screen. If the numbers show that user dialed is wrong, please press “BACK” to clear the number.
- ◆ After finishing inputting number, please press key “TALK” to call out at once. If not press key “Talk”, it will delay several seconds, then call out automatically.
- ◆ During call, user can adjust volume by pressing left button or right button.

#### 4.2.4 Answer a call

- ◆ When there is an incoming call, FWP will ring and the screen will show caller ID, you can pick up the handset or press ”H.F” button to answer the call.
- ◆ During call, user can adjust volume by pressing left button or right button.

## 5.Menu function

All menu can be operated in idle state. Press “Menu” be into sub-menu and press “BACK” to return to upper menu.

### 5.1 Contacts

Phone book saves numbers which you will easily for future use. When the phone is in idle-state, please press [menu] or [book] key to go to phone book.

#### 5.1.1 Details

User can view through the contacts records in phone book by pressing the [▲] or [▼] key. Press

[OK] key to select current phone number. Then you can press [Talk] to call this phone number.

[Contact]--[Details]

### **5.1.2 New**

User can store a new record into phone book, including phone number and name. It can be saved in phone or SIM card.

[Contact]—[New]

### **5.1.3 SIM Phone Book**

Check record in SIM card.

### **5.1.4 My Phone Book**

Check record in phone.

### **5.1.5 Memory status**

Can check the memory status of the phone and SIM card.[Contact]-[Others]-[Memory Status]

### **5.1.6 Speed dial**

Set numbers as one-key speed dial.[Contact]-[Others]-[Speed dial]

### **5.1.7 Delete**

It can delete the record in phone or SIM card.

### **5.1.8 Delete Multiple**

It can delete all records in phone or SIM card.

## 5.2 Short Message

### 5.2.1 Write Message

On selecting “Write message”, user can first edit message contents, then press [OK] and select “send” to enter the phone number. It can choose only send, only save, send and save, send group, insert name, insert numbers.

The maximum length is 140 characters for one piece SMS.

*Note: Change input method*

Press [#] key to switch between different text input method: “ABC” for Uppercase letter input, “abc” for lowercase letter input and “123” for number input. Also from here you can choose the input languages.

### 5.2.2 WIFI hotspot

Select WIFI key and press,

Select WIFI hotspot to turn on or turn off, turn on WIFI hotspot to set user name and password, press # key to switch input method when setting user name and password, press “ok” key to save user name and password

### 5.2.3 Outbox

Check failed message.

### 5.2.4 Draft Box

Edit message in advance and save it in draft box.

### 5.2.5 Sent box

Selecting “Sent box”, user can check the messages that have been sent. Sent messages are arranged according to date, and the most recent message is arranged at the top.

When viewing the content of the message, User can do operations: delete, read, copy to phone, remove to phone, delete all, copy all, remove all and using numbers.

### **5.2.6 Templates**

User can check some usual use messages on the phone, then easily use the templates to reply, and user can edit the templates for future use.

### **5.2.7 Voice Mail Server**

This function can set: listen to voice message and voice message number.

### **5.2.8 Broadcast message**

This function can set for broadcasting messages.

### **5.2.9 SMS Setting**

Setting includes Service Center, validity Period, Status Report, Reply Path, Storage Medium, and Storage Status.

### **5.2.10 Message Capacity**

Can check the SMS memory in phone and SIM Card

## **5.3 Calls Log**

### **5.3.1 Missed Calls**

On selecting missed calls, the screen will display the missed calls' information, including date, phone number or name of person (if the number exists in the contact list). Last 20 phone calls can be viewed.

### **5.3.2 Dialed Calls**

On selecting dialed call, the screen will display the dialed calls' information, including date, duration, time and phone number or name of person (if the number exists in the contact list). Last 20 calls can be viewed.

### **5.3.3 Received Calls**

On selecting received calls, the incoming calls' information, including date, time, duration and phone number or name of person (if the number exists in the contact list) of incoming call, shall be displayed on the screen. Last 20 calls can be viewed.

### **5.3.4 Delete all**

On selecting this, you will delete all the records

## **5.4 Setting**

### **5.4.1 Call Settings**

It can set call divert, call waiting, call barred

### **5.4.2 Phone Settings**

In Phone setting , you can do the following:

- 1.Time & date
- 2.Language Setting
3. Post-dialing delay setting
4. Restore factory setting

### **5.4.3 Display**

Display Setting: Setting the contrast of the screen.

### **5.4.4 Security**

Security Setting: It requires input phone code (password, the default password is 1234). Can set that checking PIN code, lock phone and lock keypad.

### **5.4.5 Network type**

You can select network at here.

4G VoLTE preferred

Prefer GSM

GSM

WCDMA

4G VoLTE

### **5.4.6 Version**

Users can check the HW and SW version of this phone.

## **5.5 Profiles**

### **5.5.1 Ring Settings**

Set caller ringtone and message ringtone

### **5.5.2 Adjust volume**

Set call volume, power ringtone volume, caller ringtone volume, message ringtone volume, alarm ringtone volume,

### **5.5.3 Ring type**

Set call alert ringtone, message alert ringtone, alarm remind ringtone,

### **5.5.4 Other alert rings**

Set key tone, battery low alert, power ringtone.

## 5.6 Application

### 5.7.1 Alarm

To set alarm clock.

### 5.7.2 Calendar

To check calendar

### 5.7.3 Calculator

To use calculator function

### 5.7.4 USIM

USIM card

## Appendix A: Packing List

Name	Quantity (Piece)
Fixed Wireless Phone (4G) 6688	1
Handset	1
Handle line	1
User Manual	1
Li-ion Battery (3.7v 1000mAH)	1
Ac adapter	1
TNC antenna (Optional)	1

## Appendix B: Technical Parameters

<b>Module Chipset</b>	Spreadtrum SC9820E , Cortex A53 Dual-core, Clock: up to 1.3GHz Support DVFS
<b>SIM</b>	Support 3V & 1.8 V SIM card
<b>Memory</b>	MCP(4GB+2GB)
<b>Max. power consumption</b>	≤2W
<b>LCD</b>	128x64
<b>Working current</b>	The peak current is less than or equal to 2A The maximum current for GSM calls is no more than 260mA WCDMA communication maximum current is no more than 500mA LTE peak call current is less than 750mA Standby current is less than or equal to 5mA
<b>GSM Band</b>	GPRS/GSM: 1900/1800/900/850MHz
<b>WCDMA Band</b>	850MHz/1900MHz or 900MHz/2100MHz (optional)
<b>Max. emission power</b>	FDD/TDD: Power Class 3( 23±2.7dBm) WCDMA : Power Class 3 (+24dBm +1/-3dBm) GSM/GPRS 850MHz/900MHz: Power Class 5 (+33dBm ±2dBm) GSM/GPRS 1800MHz/1900MHz: Power Class 0 (+30dBm ±2dBm)
<b>Reception sensitivity</b>	FDD/TDD LTE:≤-97.3 dBm(QPSK PREFSENS,throughput≥95%)(An antenna has 10M broadband) WCDMA850/WCDMA900/WCDMA1900/WCDMA2100 : ≤-108dBm GSM850/EGSM900/DCS1800/PCS1900 : ≤-108dBm
<b>Data rate</b>	GSM CS:UL 9.6kbps/DL 9.6kbps GPRS:171.2kbps WCDMA:UL 11.5Mbps/DL 42.2Mbps FDD:UL 50Mbps/DL 150Mbps
<b>GPRS Type</b>	Class 12
<b>3GPP protocol</b>	R7.R8
<b>LTE FDD rf technical indicators</b>	3GPP R9 CAT4 FDD,TDD/FDD receiving sensitivity more than 1 times higher than the standard of 3GPP.

<b>SMS</b>	Support
<b>Network Lock</b>	Support
<b>Upgrade</b>	Support (through USB port)
<b>SIM reader</b>	Support
<b>Working temperature</b>	-20°C ~ +70°C
<b>Working Humidity</b>	5% ~ 95%
<b>Atmospheric Pressure:</b>	86 ~ 106KPa
<b>Environment Noise</b>	≤60dB (A)