

Fixed Wireless Terminal

LTE / WCDMA/ GSM

DC5~12V

User's Manual

Product Introduction

Congratulations on purchasing of our Fixed Wireless Terminal.

Before using this terminal, please kindly read this user guide carefully.

This is our new design, which uses GSM /WCDMA/LTE networks to operate.

You can dial the local calls, domestic and international calls with this Terminal connecting with a common wired desktop phone and a standard SIM/UIM card.

It is widely used in these areas:

Remote country, mountains,

Dwelling house with weak signals,

Public telephone shops, offices, telemarketing,

Removable places such as ships, trains, and long distance buses.

Our wireless terminal also has these characteristics as below:

Easy to install, easy to operation, powerful capacity of signals receiving,

Clear talking setting, long using life, steady performance.

Key Technical Specifications

Following are the key technical specifications of this terminal:

1. Networks support: GSM900/ 1800MHz , WCDMA(HSPA/UMTS 900/2100MHZ), LTE-FDD B1/B3/B28
3. Voltage: DC 5V~12V
- 4.Power consumption: Static \leq 100MA emission \leq 1800MA
- 5.Receive sensitivity:

EGSM900	-102.0dBm
EGSM1800	-102.0dbm
WCDMA B1	-106.7dBm
WCDMA B8	-103.7dBm
LTE-FDD B1	-101.5dBm
LTE-FDD B3	-101.5dBm
LTE-FDD B28	-102.0dBm

Single Input
Multiple Output

6. Antenna amplifying: All directions: 3.0db; Certain/Selection: 12db

7. RF Output Power

GSM850/EGSM900	33dBm \pm 2dB
DCS1800/PCS1900	30dBm \pm 2dB
GSM850/EGSM900	(8-PSK) 27dBm \pm 3dB
DCS1800/PCS1900	(8-PSK) 26dBm \pm 3dB
WCDMA bands	24dBm+1/-3dB
LTE-FDD bands	23dBm \pm 2dB

Key functions

The key functions of the terminal are list as below:

- 1 . LED lights display signal, running state.
- 2.Can dial the local calls, mobile calls, international calls and special free calls.
- 3.Built-in watchdog duty circuit, machine any fault will restart.
- 4.Provide standard communication voltage, support DTMF system

5. Caller ID supports DTMF and FSK .

6. Automatic card-locking/ net-locking and Cell locking enable.

Connect the terminal

Installing the Antenna

To choose a proper place for the antenna is the first and very important step for antenna installing. You can use your mobile phone to search for the place where the strongest signal is. Then put the antenna here.

Please do not make the antenna too close to the terminal. It will disturb the signal of the Please do not make the antenna and the terminal too close to the TV set, computer, and radiogram. It will disturb the signal of the terminal.

Inserting a SIM/UIM Card

Make sure the terminal is switched off and the AC adapter is unplugged: insert the SIM card only when the terminal is switched off and the AC adapter is unplugged. According to the chart instructions

Connecting your terminal with desktop phone

If you want to use the terminal to make calls, you should connect the terminal with a Common wired desktop phone.

There is one or two communication ports at the back of the terminal .You can connect one desktop phone and billing machine (optional) with our terminal.It's very easy to connect the phone and terminal, just need a common communication cable .

Call

Make or receive a call is Similar to your fixed line

When your phone is ringing just lift up the handset of the telephone set and speak.

Dial your number, after a timeout (end of dialing timeout default value:6sec)the call Will be launched. To speed up you can press# at the end of the number.

Packing List

Name	Quantity	Remark
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DC adapter	1pcs	DC5V/DC12V
Special antenna	1pcs	
User Manual	1pcs	English

Option for setting

please setting according to below instruction;

Our Fixed wireless Terminal support these settings;

You can use the common settings starts with these steps:

1.Take up the Terminal or press the "Handsfree" key.

2.Input the setting order which you need as they are list as below:

*00#000# back to factory default

*00#030#A*BB# adjust volume level, A stands speaker, volume range:0~9; BB stands MIC, volume range: 00~15

*00#035#IMEI#, revise IMEI number(selectable function for some models

Time and Date Setting

The time and date format is YY/MM/DD/HH/MM /SS

(year/month/date/hour/minute/second),you can set the time and date in this way:

1 .Take up the phone or press the "Handsfree"key.

Troubleshooting

Trouble	Reasons	Solution
LED Display SIM light	1 . No signal or the signal is too weak; 2. number card contact is bad; 3. communication module is bad;	1 . Check the antenna and install it again. 2.Replace number card or wipe contact surface; install the SIM card again. 3.Replace communication module.

Standby state 'INUSE "light, no flicker; Telephone dial-up no reaction	integrated circuit board bad, Telephone bad	1.check line or replace telephone 2.Replace new integrated circuit board.
Equipment use anomaly		Factory default Hand free Input *00#000#

Cautions

1. This terminal should not be used at garage, oil storage, and chemical plant or near to any inflammable or explosive substance.
2. This terminal should be avoided in the hospital. It will interfere with medical electronic equipments such as pacemaker and audiphones.
3. If it is found that the terminal is not successful in login onto network, please check whether the SIM card or antenna is well installed.
4. It is blocked to touch the antenna when the Terminal is being used. (Being

making calls or receiving calls), otherwise the terminal will be damaged. This kind of damage is beyond the range of warranty.

5. When the terminal is being used, it should be placed where signal is strong enough. In order to ensure good voice quality, the terminal should be far from other electronic

6. Don't use chemic substance to clean the terminal, but use dry soft cloth to clean it.

7. Don't disassemble the terminal by yourself. If there is any problem, please contact the authorized person.

Storage:

1. The terminal that is packed or not could piled up no more than 10 layers.

2. The terminal should be saved in ventilate and dry place.

3. Don't knock the terminal to avoid breaking the case.