
GSM Fixed Wireless Terminal



User's Manual

V3. 1

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Thank you for choosing the fixed wireless terminal of our company. In order for you to enjoy the function of product, please read the following guide carefully.






1. Summary

GSM Fixed Wireless Terminal is a mobile terminal for telecommunication operators to develop fixed telephone services. It takes the advantages of the wide coverage of mobile communication network and convenient installation to meet the fast increasing requirement of users.

The product is particularly suitable for telecommunication operators to entry the common fixed telephone market. With easy installation and high efficiency, it can be widely applied in

- ◆ Various enterprises
- ◆ Institutes
- ◆ Movable carriers
- ◆ Places of interest/ scenic spots
- ◆ Large exhibitions
- ◆ Consulting meetings
- ◆ Others

2.List

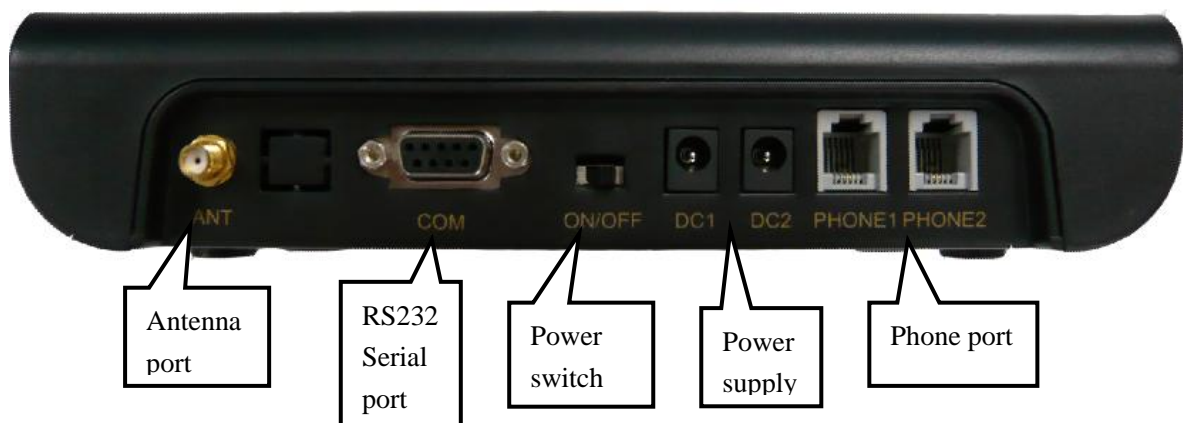
No.	Name	Picture	Amount
1	Device		1 pcs
2	Adapter		1 pcs
3	Antenna		1 pcs
4	Telephone line		1 pcs
5	Communication line(optional)		1 pcs

3. Main function

- ◆ GSM cellular network outgoing.
- ◆ GSM cellular network incoming.
- ◆ DTMF Caller ID.
- ◆ Support secondary dial.
- ◆ Send polarity reversal signal for billing meter while connection.
- ◆ Sending 12/16KHz pulse for billing meter while connection is also compatible.
- ◆ RS-232 Interface; perform wireless GPRS cooperate with PC. (Optional)
- ◆ Rechargeable battery, keep conversation for at least 2 hour when out of mains supply. (Optional)

4. Interference

4.1 Interference Description



Caution: Do NOT plug external line into Telephone socket, or it may

cause device damage.

4.2 Indicators



There are 7 indicators on the front panel of fixed wireless terminal, functioning as follows:

4.2.1 DC: Power supply indicator

Light: Indicating device power on

Dark: Indicating device power off

4.2.2BAT: Battery supply indicator

Light: Indicating device power on

Dark: Indicating device power off

4.2.3STATUS: The status of call

Light: Making call

Flash: Flash once per second to indicate take up the handset and dial numbers

Dark: Hang up

4.2.4 GSM Signal Status Indicator



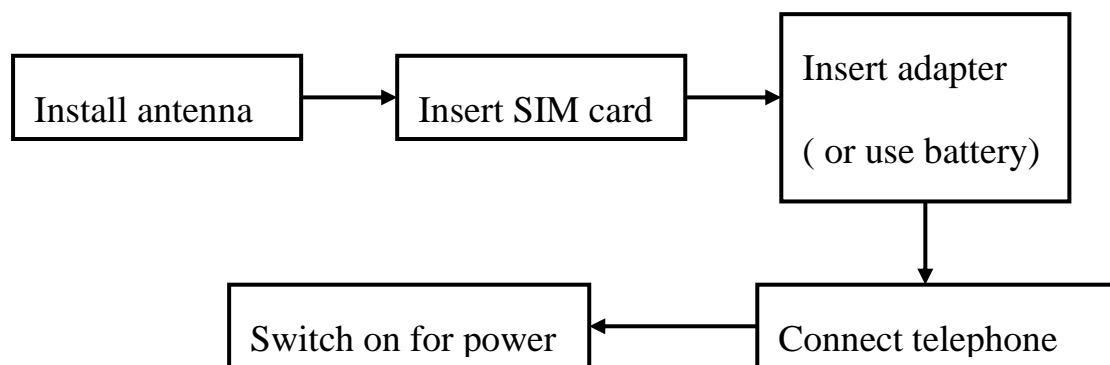
Signal: Indicating the signal power strength

4.2.5 No SIM Card

When open the device, the light of status is lighting. It indicates the device doesn't fix SIM card.

5. Fixing and using

5.1 Fixing



5.2 Using

5.2.1 Making a phone call

- i. Off-hook: Pick up the handset, you will hear a dialing tone.
- ii. Dial: Dial the phone number, the system will send out your dialed number automatically.
- iii. Conversation: When recipient picks up handset at the other end, voice communication is established.
- iv. Clear: Clear after hanging up.

5.2.2 Receiving a phone call

When phone bell is ringing, the status light is lighting, the user can pick up handset and start talking.

6. Safety

	Description
1	Don't attempt to repair the device by yourself. Only qualified service personnel could install or repair the device.
2	Do not tie the antenna with the telephone line during use. Otherwise it could cause interference and affect connection quality.
3	Please install the antenna 1 meter faraway from the device or other sensitive electron device. If the antenna is damaged, do not use it any more. You can contact the franchiser to repair it.
4	Do not use unqualified antenna or try to modify any part of the device.
5	To avoid noise interference, use an anti-EMI phone if possible.
6	If the device installed rechargeable battery, please recharge for at least 24 hours before the first use.
7	Please use the device stand to the manual.

7. Technical Specifications

International Standardization of GSM Digital Mobile Network.

Work frequency: GSM 850MHZ/1900MHZ

or GSM 900MHZ/1800MHZ or GSM 850/900/1800/1900MHZ

Power: ≤ 2 W

Sensitivity: -104dB

power consumption: Static ≤ 25 mA, Transmit ≤ 600 mA

Ambient noise: ≤ 60 dB

Antenna gain: 5dB (omni antenna), 12dB(directional antenna)

Power Supply: DC 5V (adapter AC 110~240 input)

DTMF Receive: > -23 dB insure receiving.

DTMF Receive sensitivity: $> 99.99\%$

Insertion loss: ≤ 0.5 dB