GSM Fixed Wireless Terminal

FCT-11P Series

User Manual

V2.1

Contents

1. Introduction

Thank you for your option to buy our products fixed wireless terminal FCT--11P series. GSM Fixed Wireless Terminal is a kind of wireless terminal which offers GSM wireless telecom services. The terminal creates a lot of applications as it is connected to different equipments such as a normal phone, PABX, billing meter, IP gateway etc. It is also suitable to those remote areas which are inconvenient for wired telecom services such as historic sit, museum, resorts etc..

Please read the following guide carefully before put it into use to ensure the terminal serves your purpose better.

- Place it in a dry place to protect the interior components from being affected with damp or from other sundries which may enter into it to affect the conversation quality.
- Clean it by a little wet or defending static cloth, and do not use chemistry solvent or dry cloth to clear it.
- If there are some problems of it, laypeople do not open it. Please send it to the local maintain service place or contact with after sales service center of our company directly.
- This terminal supports GSM network, so it can be disturbed as other mobile phone.
- You should charge the backup rechargeable battery for more than 20 hours when you use it first time and if the power is not enough, it may cause noise during conversations.
- Before changing or taking out the SIM card, please turn off the terminal.
- Use the authorized antenna, power adapter, and so on. Do not change or use the unsuitable fittings.

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

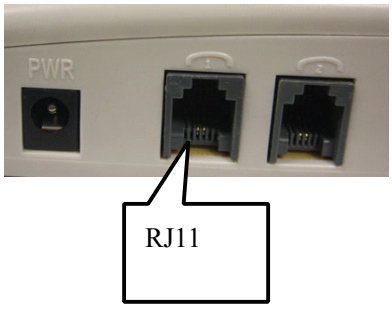
3. Main features and functions

- GSM cellular network incoming and outgoing.
- 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.
- Allow PIN code entering and reciprocal phone-card lock;
- 3.5dBi gain antenna;
- Compatible to PABX;
- perform wireless GPRS cooperate with PC. (Optional)
- Rechargeable battery, keep conversation for at least 2 hour when out of mains supply. (Optional)

4. Interference

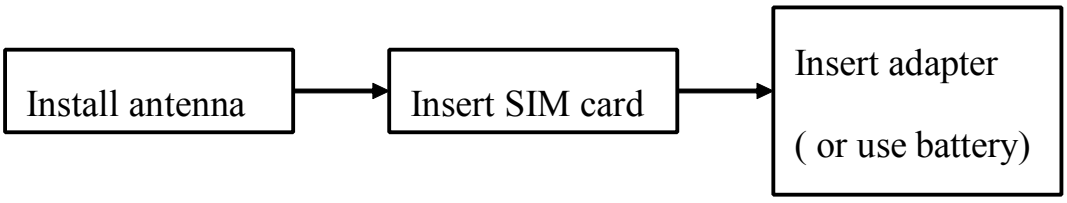
Interference Description

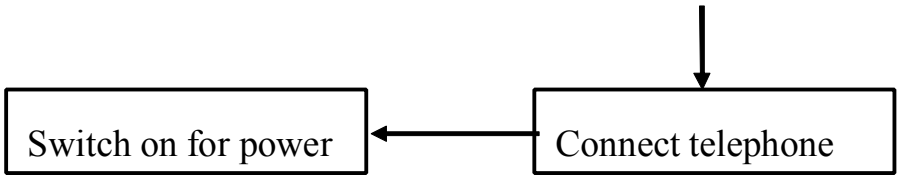


Caution: Do NOT plug external line into Telephone socket, or it may cause device damage.

5.Fixing and using

5.1Fixing





5.2 Application

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.

5.2.2Receiving 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 ≤25mA, Transmit≤600mA
Ambient noise: ≤60dB
Antenna gain: 5dB (omni antenna), 12dB(directional antenna)
Power Supply: DC 5V（adapter AC 110~240 input）
DTMF Receive: > -23dB insure receiving.
DTMF Receive sensitivity: ＞99.99%
Insertion loss: ≤0.5dB