

Fixed Cellular Terminal

FCT-11D

USER MANUAL

Read This First

Before operating the terminal, please read this manual thoroughly, and retain it for future reference in order to get the best service from the terminal and us.

Attention

Please don't mount the terminal in raining or humidity place. Terminal can only be used with an antenna connected and a valid SIM Card inserted.

Safety Instructions

- > Please do not use the device in the areas where wireless device using are prohibited.
- > Please use the accessories in the package, such as the antennas and power supply, etc.
- > Please always keep the antenna in a good position.

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1. Main functions

- Making local calls, mobile calls, national and international calls.
- Supporting LED indicating work status as network signal, power and in-use function.
- RJ11 port can connect extension or phone, supporting caller ID .
- Supporting FSK or DTMF,
- Supporting Black Listing and White Listing function.

2. Parameters

- GSM work frequency: 900/1800MHz
- Mounting: Horizontal way
- Environmental Temperature: -10°C~55°C
- Humidity: 10%~95%
- Atmospheric Pressure: 86~106kpa
- Power consumption: Static ≤30 mA
- Weight: About 0.5 Kg

3. Accessories

3.1 Power specification : Input: 110V~240VAC, 50/60Hz

Output: 7.5VDC 1.5A

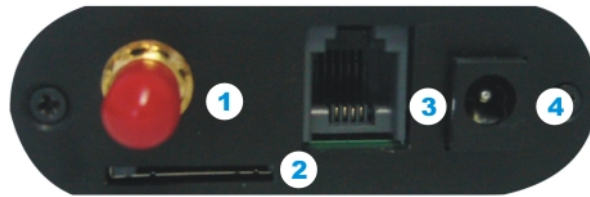
3.2 Antenna: Wave ratio:≤1.5

Input resistance: 50 ohm.

Connector SMA (Male)

- Mobil ant: Gain: 2.5dBi, cable length:3~5metre

4. The figure of Terminal



Series Number	Key	Function
1	Antenna Port	For plugging in the antenna
2	SIM Card Slot	For inserting the SIM card
3	RJ11 Port	For connecting the normal phone
4	Power Plug	For plugging the power adapter
5	POWER	ON when power is ON, OFF when power is OFF
6	IN-USE	ON when in-use, Flash when incoming, OFF when idle.
7	NETWORK	ON when GSM register successful, Flash when is registering to GSM
8	SIGNAL	ON when signal low or $10 < csq < 13$ (around -94 to -88dBm), Flash when signal lower or $14 < CSQ < 17$ (around -87 to -80dBm)

5. Quick Installation

1. Insert a SIM card into the holder as below



2. Install the antenna
3. Plug in a phone(or a meter equipment) into RJ11 Port through a RJ-11 wire
4. Plug in the DC port of the adapter into the Power port, the input side of the adapter should be plugged into the AC socket.
5. All connections done. After the power is on 15 to 45 seconds, the terminal is standby to use.

Warning:

When you assembling the antenna, insert it into the antenna port in the terminal, circumrotate to the best location. Then screw the antenna tightly. To ensure the voice quality, the antenna should 1.5m or more than 1.5m far away from the terminal.

Important Warning: If you use the antenna three or six meters long, forbid taking it to the outdoors lest the lightning strike. Do Use the lightning defense equipment between the antenna shelves with the down-lead if you use the antenna ten meters long. Installing outdoor antenna and lightning defense device: all figures just as a reference way.

6. Operation

1. Make outgoing calls

- a. **Make a call:** Pick up the hand set or press 'Hands free' key, the 'In Use' light on. You could make a call while hearing a dial tone. Then you can dial the number you want. Meantime, if the terminal is connected with a meter equipment, the equipment will show the dialed number and start the metering when the receiver answers the phone.

- b. **Quick dialing:** When you input the number you want to dial, follow a '#' key, then the call will be get through directly. If don't input '#' key, the call will be get through after 5 seconds.

2. Receive incoming calls

Receive call: When there is an incoming call, the phone will ring. You pick up the handset or press the 'Hands free' to receive the incoming call. If the terminal is not limited tariffs for incoming calls, it will start metering as soon as you pick up the receiver.

3. Entering Programming Mode

Press ****1111#** to enter into programming mode and following are the subsequent command where:

8X# >> Speaker volume control
Where X is 0 to 5 with 5 being loudest

9X# >> Mic volume control
Where X is 0 to 5 with 5 being loudest

11XXXX# >> Adding Black Listing

10XXXX# >> Clearing Black Listing

00# >> Black List Master Clearing

'XXXX' is 16 digit telephone numbers to be Black listed. You can black list up to 90 telephone number.

2nnXXXX# >> Adding White Listing

01# >> White List Master Clearing

'nn' is the sequence number starting from 00 to 89

'XXXX' is 16 digit telephone numbers to be White listed

000# >> Restore factory setting

Once restored, volume will be set at level 4 and Blank & White listing will be clear. To exit programming mode, simple hang up.