

## GSM Fixed Wireless Terminal FCT-336

FCT-336 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.



It is used where telephone lines are unavailable or very limited. The installation is easy and rapid and can be put into use as soon as within mobile network, while can solve problems of line deficiency and temporary telecommunication. It can be connected to common phones via GSM network, providing a service compared favorably to fixed phones, and producing a communication effect similar to that of fixed phones.

This Wireless Terminal is mainly applied within the coverage of GSM cellular network.

### Main Features

- ◆ 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.
- ◆ Data Interface, perform wireless GPRS with PC. (Optional)
- ◆ Rechargeable battery, keep conversation for at least 3 hour when out of mains supply. (Optional)

## Technical Specifications

No	Item	Value	Remarks
1	Work frequency	GSM 900/1800MHZ or 850/1900MHZ or GSM quad-band	International Standardization of GSM Digital Mobile Network
2	Power	$\leq 2$ W	
3	Sensitivity	-104dB	
4	Power Consumption	Static $\leq 25$ mA, Transmit $\leq 600$ mA	
5	Ambient noise	$\leq 60$ dB	
6	Antenna gain	5dB (omni antenna), 12dB(directional antenna)	
7	Interface standard	RJ11 phone jack; SMA antenna interface.	
8	SLIC parameter	Return loss: $> 24$ dB Weighted Noise: Representative value -75dB	
9	Ringing current voltage	Representative value 90VP-P	
10	Feed Current	23mA-35mA	
11	On-hook voltage	48V	
12	Max Loop resistance	1000 $\Omega$	
13	Dial tone frequency	450Hz continuous	
14	Busy tone frequency	450Hz 0.35s/0.35s	
15	Power Supply	DC 12V (adapter AC 110~240 input)	
16	DTMF Receive	$> -23$ dB insure receiving	
17	DTMF Receive sensitivity	$> 99.99\%$	
18	Insertion loss	$\leq 0.5$ dB	

Environment: Away from rain, sunshine, dirt, stronger electromagnetic.

Atmosphere: 86kPa~106kPa

Temperature:  $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$

Relative Humidity: 10%~90%