

## **GSM200 User Guide**

### **1. Benefits & Features**

The Gateway to cost savings – getting the most from your mobile phone’s free minutes and mobile to mobile call packages.

- Make calls to mobiles and landline numbers from your landline phone or PBX extensions using the GSM200 and the free minutes call package that comes with your SIM card.
- Anyone in your office will be able to use the free minutes on your SIM card – no waste - get the most out of your mobile phone package.
- Ideal for making calls to your field staff on their mobiles – mobile to mobile – from any landline extension whether you are in the office or warehouse.
- Your field staff can call into any extension in the office as a mobile to mobile call.
- You can receive calls at any extension from landlines or mobiles – With an incoming mobile call this would be the same as a free mobile to mobile call.
- You can make calls from any extension to landlines or mobiles using your free minutes.
- When making a call you elect whether it goes over your SIM card or the Landline.
- The GSM200 has one terminal with the capacity for 2 numbers: one for your Mobile SIM card and one for your landline (PSTN) number.
- Easy to install – “Plug and Play”
- One SIM Card required (not supplied)
- Caller ID Compatible
- Ideal to connect to an Orchid PBX – Can be connected to the phone line or a spare line trunk
- LEDS to indicate signal strength
- Aerial Supplied

- AC Power supply and UK connector leads supplied.

Accessories	Quantity
Single-channel GSM Fixed Wireless Terminal	1
Antenna	1
SIM Compartment Cover	1
Short Adaptor	1
Telephone Cable	1
Power Adaptor	1
User Guide	1
Screws	2

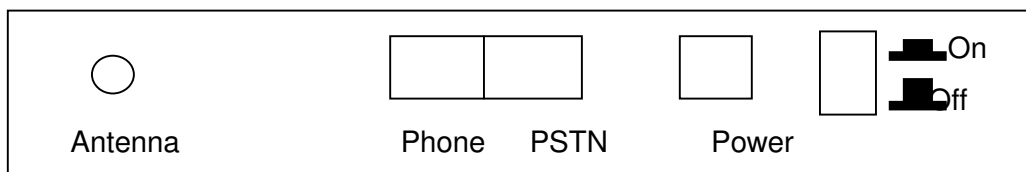
## 2. Installation

### 2.1 SIM card installation:

**Caution! Please Install the SIM card before connecting to the power supply!**

- 1). Turn the unit over so you can see the SIM card holder.
- 2). Slide SIM card cover gently along in the direction of the arrow to open.
- 3). Insert SIM card.
- 4). Slide the cover back
- 5). Fit the SIM compartment cover and screw it down.

### 2.2 Set Up:



**External ports**

- 1). Make sure the SIM is card installed correctly.
- 2). Screw down the connector of the antenna to the bolt stick on the panel marked “Antenna” on the back of the unit.
- 3). Plug the short socket adaptor into the socket on the rear of the unit marked “Phone”.
- 4). Plug the telephone cable into the socket marked PSTN.

- 5) Plug the other end of the telephone cable into your BT wall socket
- 6) Into the other end of the short adaptor plug your telephone or PBX connecting cable.
- 7). Make sure the unit is switched off. Plug the power adaptor into mains wall socket, and the other end into the “Power” port.

### 3. Operating Instructions

Turn on the power at the back of the unit.

#### 3.1 LED's :

- 1) Power: The red power LED indicates that the power is on.
- 2) Network: The Network LED indicates which network is working – GSM or Landline.

This LED is on when calls are going over the GSM network, and off when calls are going over the landline.

- 3) Signal: The signal intensity LED's show the strength of the GSM signal.

When the two orange LED's are on it means the device is connected with the GSM network.

The green LED displays the signal strength ie: the more LED's are on the better the signal.

#### 3.2 Making Calls

The Network LED is off when using the landline and this is the default state.

To make a call over the GSM network press the # key.

Please note if there is no landline connected all calls will automatically go over the GSM.

### 4. Specifications

Items	Parameters
Working voltage	AC100~240V; DC12V
Environment temperature	0~45°C
Humidity	40%~95%
Atmospheric pressure	85~110Kpa
Environment noise	<60dB
Eradiation power	2W
Sensitivity	-104dBm
Antenna gain	>5dB