Step-5: Display shows "LOCAL NUMBER DELETE".
Press # key to delete the area code entered. Press * key for next menu.

Step-6: Display shows "QUIT PROGRAMMING". Press # key to quit the programming. Press * key to go back to first menu.

Programming Mode 2

In normal mode, the LCD display shows VISIONTEK. On lifting the handset, display shows "PLEASE DIAL". Press ** and enter the password. Default password is 9876.

Step-1: On successful entry of password, LCD shows "CHECK SIGNAL QUALITY". Press # key to display the signal level in db. Press * key for next menu.

Step-2: Display shows "TOLL CODE ENTRY". Press # key to enter Toll Free codes i.e. the codes for which polarity reversal is not required. Provision is given for entering 20 numbers. Press * key for next menu.

Step-3: Display shows "TOLL CODE REVIEW". Press # key to review the Toll Free codes entered. Press * key for next menu.

Step-4: Display shows "TOLL CODE DELETE". Press # key to delete the Toll Free codes entered. Press * key for next menu.

Step-5: Display shows "RESET CODE ENTRY". Press # key for entering new codes. After entry, Press # key for entering pulse rate. Fifteen codes and corresponding pulse rates can be entered.

Step-6: Display shows "RESET CODE REVIEW". Press # key to review codes and pulse rate entered. Press key for next menu.

Step-7: Display shows "RESET CODE DELETE". Press # key to delete the codes and pulse rates entered. Press key for next menu.

Step-8: Display shows "QUIT PROGRAMMING". Press # key to quit the programming. Press key to go back to first menu.

PRECAUTIONS:

1. Do not remove or insert the SIM card when the unit is powered ON.

2. Do not bend or roll the ANTENNA cable.

3. Whenever Battery voltage is discharged to 10.8volts, on console display "Battery low message" is displayed, for safe mode switch off the unit.

TECHNICAL SPECIFICATIONS :
Technology : Advanced microcontroller based.
Display : 16X1 Alphanumeric display

Product Pictures

Wall Mount   Table Top   RS-232 Port

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》VISIONTEK 》

User's Manual UM-0016 Rev.1.0

GSM Fixed Cellular Terminal 81GF

Congratulations !!! We thank you for purchasing the VISIONTEK 81GF GSM Fixed Cellular Terminal with Fax a single line simulation with GSM Network. This User's manual will help you in knowing all the features of the system including installation. Operational and programming procedure in a step by step manner. Please keep this handy manual for easy reference.

For Servicing and other details kindly look at the corporate address and email id at the backside of the manual.

1 Introduction

2 Installation

3 Operation

1 Introduction

VISIONTEK GSM Fixed Cellular Terminal 81GF (FCT) with G3 Fax connectivity is a single line PSTN simulation made available from GSM /GPRS network. This gadget performs the task of converting GSM calls to normal analog telephone line with an output similar to existing PSTN environment with all the basic features and additional G3 Fax feature. It provides access to home, office, or any remote location where phone and fax service is needed and GSM footprint is available. Primary telephone fax service, extra lines and security backup are made available thus facilitating outgoing voice and fax calls anytime and anywhere.

VISIONTEK FCT package consists of the following:
- GSM FCT – 1 No.
- Antenna – 1 No.
- Line Cord – 2 No.
- Power Adaptor – 1 No.
- RS-232 Serial cable.
- User Manual – 1 No.

2 Installation

SIM Card Installation:
The FCT requires a SIM (Subscriber Identification Module) for its normal operation. SIM socket is provided on the bottom side of the unit.
1. Disconnect power supply if it is already connected to the power socket.
2. Remove the SIM card window by removing the screw.
3. Open the SIM card holder.
4. Ensure for proper direction of the SIM card and insert it gently into the SIM card holder.
5. Close the SIM card holder and press the SIM card holder in forward direction for locking.
6. Fix the SIM card window with the screw.

Antenna Installation:
1. Antenna connector is provided at the rear side of the unit.
2. Connect the antenna supplied with the unit to the connector and ensure for proper contact.

Power Connection:
1. Plug in the primary of adaptor into 230V AC power socket and the secondary to the Power socket (DC 14.2/3A) provided at the rear side of the unit.
2. Connect the battery cable of the Unit to the external battery (12V/5AH). Battery socket is provided at the rear side of the unit. Ensure for proper polarity.
3. Switch ON the unit and observe for the following LED indications on the front panel.
   - Red LED indicates the presence of AC power.
   - Green LED indicates the presence of Network. LED Blinking indicates the availability of network.

Phone Connection
1. Connect the telephone at the RJ11 socket (PHONE) provided at the rear side of the unit.
2. Lift the handset and hear for the dial tone.

FAX CONNECTION:
1. Connect the fax at the RJ11 socket (FAX) provided at the rear side of the unit.
2. Lift the fax handset and hear for the dial tone.

3 Operation

Making Calls
1. Lift the handset and hear for the dial tone.
2. Dial the phone number. The dialed number is displayed on the LCD display.
3. After finishing dialing, Press # key on the telephone instrument to send the dialed number. This will avoid the wait time of 7 seconds. Call progressive tone will be heard in receiver till call gets connected.

Receiving Calls
1. The telephone will give a ring on receiving the incoming call.
2. Receiver number is displayed on the LCD display **.
3. Pick up the handset to answer the call.
** Subject to network support

SENDING AND RECEIVING FAX MESSAGES:
The VISIONTEK 81GF FCT terminal allows the connection of group3 fax in the similar way as telephone instrument.

> **NOTE:** (1) The fax communications service has to be activated by the network operator. Otherwise the network will not allow faxes to be sent or received.
>
> (2) You will not be able to make or receive the other voice calls while a fax communications is established.

1. The FCT is programmed to automatically detect the out going calls made by FAX machine. This means the user simply has to use the fax in a same way as a conventional telephone line
2. Incoming faxes are received in the same way as using the fixed line.

SENDING FAX MESSAGES:
1. Insert the document into the document feeder.
2. Pick up the handset or press the hands free key on the fax machine.
3. Dial the number of the receiving machine.
4. Wait for the connection. Depending on the setting of the receiving machine, a facsimile reception tone will be heard.
5. Once the fax machine is connected, the fax machine will automatically transmit the document.

RECEIVING FAX MESSAGES:
1. The fax machine will automatically answer the incoming calls.
2. If the fax machine detects fax tones, it begins to receive faxes automatically.

> **NOTE:** (1) For additional information, kindly refer to the user guide of the fax machine.
>
> (2) Use * key to scroll the menus, # to confirm and go On-hook to skip the programming,

Programming Mode 1

1. In normal mode, the LCD display shows VISIONTEK. On lifting the handset, display shows "PLEASE DIAL".
2. Press ** and enter the password. Default password is 9999.

Step-1: On successful entry of password, LCD shows "CHANGE PASSWORD". Press # key to change the default password or Press * for next menu.

Step-2: Display shows "ERASE MEMORY". Press # key to erase the memory. Press key for next menu.

Step-3: Display shows "LOCAL NUM YES". Press # key to enter the area code to avoid dialing the area code for local calls. Press * key for next menu.

Step-4: Display shows "LOCAL NUMBER REVIEW".
Press # key to review the area code entered. Press * key for next menu.