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liberating communications

Quick Start User Guide
for SABRE™ I

Rev 5.0

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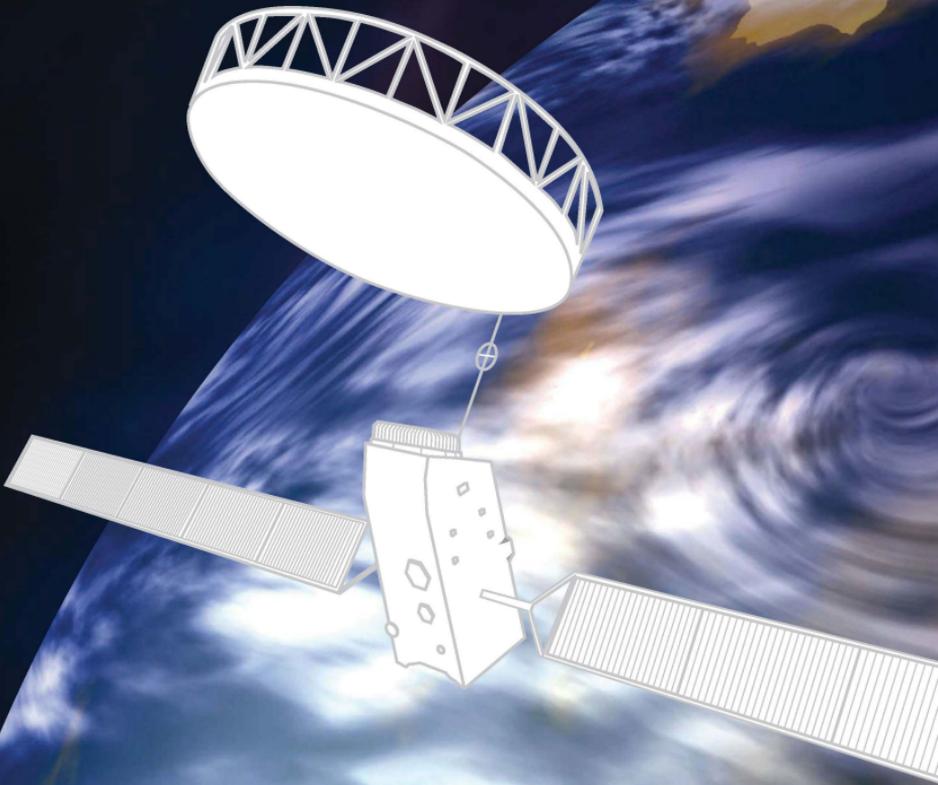
1 | Removing and Inserting Battery Door

1.1 Removing the battery door

I. Place your thumbs on the battery door as shown.

II. Push the battery door outwards in the direction shown.

Battery door

1.2 Inserting the battery door

I. Align the battery door with the guiding rail as shown.

II. Make a slight twist to the battery door with your thumb to allow the rib (part A) to slide along the guiding rail while pushing it inwards as shown.

A

2 | Inserting SIM card and Battery

2.1 Inserting the SIM Card

I. Insert the SIM card supplied by your service provider (gold-contacts facing left as shown in the below figure) into the SIM slot.

II. Ensure the SIM card is inserted in the position as shown.
   (To remove SIM card, press on the SIM card and remove from the slot.)
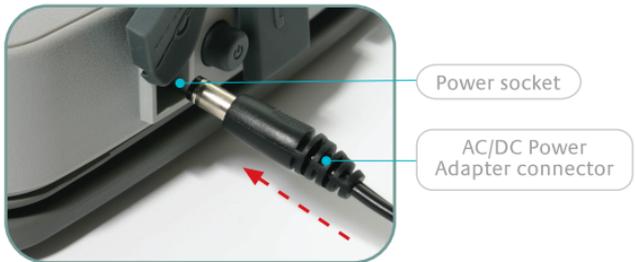
SIM Card

2.2 Inserting the Battery

I. Insert the battery in the direction as shown.

II. Slide in the battery door and ensure that it is locked into position.

2.3 Charging the Battery

I. Insert the AC/DC Power Adapter connector into the Power socket.

II. Switch on the mains power.

III. Do not remove the battery from the SABRE™ I during charging.
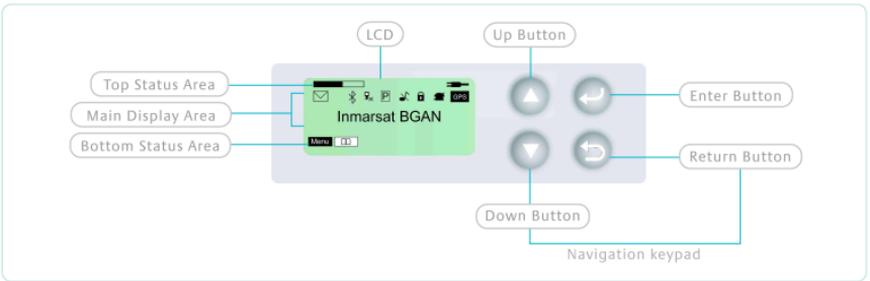

Note:
It takes approximately 3 hours to fully charge the battery.

The charging time will be longer when SABRE™ I is switched ON while the battery is undergoing charging.

An icon to show that the Primary Battery of SABRE™ I has completed charging while SABRE™ I is non-operational (switched off).

An icon to show that the Primary Battery of SABRE™ I is undergoing charging while the SABRE™ I is non-operational (switched off).

RJ45 Ethernet
RJ11 Analog Phone Port
On/Off Switch
Power Socket

Build-in compass

LCD
Up Button
Top Status Area
Main Display Area
Bottom Status Area
Enter Button
Return Button
Down Button
Navigation keypad

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Menu

LCD Screen

3.1 Powering Up

I. Press and hold the On/Off switch for at least 3 seconds.

II. The LCD display will show the Introductory screen.

3.2 Terminal and SIM PINs (4 to 8 digits)

This process is applicable when the PINs are enabled. (The SABRE™ I comes with the PINs disabled at default.)

I. For PINs entry during Power Up, refer to Chapter 3, Section 3.6.2

II. For PINs setup, refer to Chapter 4, Section 4.6.1

Enter Terminal PIN:
****

Enter SIM PIN:
****

3.3 GPS Fix

I. For first time use, SABRE™ I needs to acquire the GPS coordinates. Go to an outdoor location and place the SABRE™ I flat with the cover facing upwards to the sky. The terminal shall perform the GPS acquisition automatically.

II. When acquisition is done, the LCD display will show New GPS fix for 2 seconds.

III. LCD will indicate the new estimated azimuth direction and elevation angle in which the antenna should point. A GPS indicator will be displayed on the Top Right corner of the LCD display to indicate that New GPS coordinates are in use.

IV. For subsequent use, the SABRE™ I will not acquire a new GPS, it will prompt the user if the previously stored GPS coordinates should be used.

To use the stored GPS coordinates, use the Up/Down buttons to select Yes and press ENTER. A GPS indicator will indicate the use of stored GPS coordinates.

To re-acquire a new GPS, select No and press ENTER. The SABRE™ I terminal will repeat Step I to III.

V. Press the ENTER button and the LCD will show the signal strength bar.
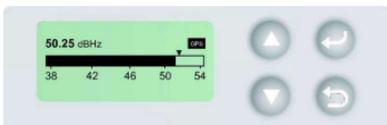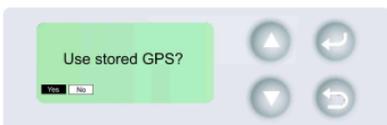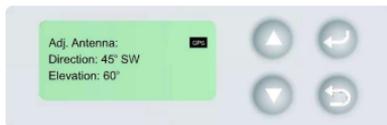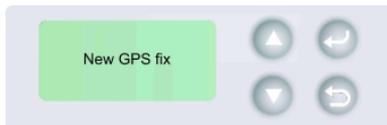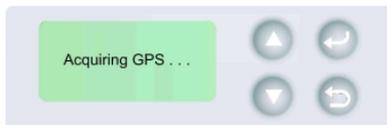
3.4 Antenna Pointing

I. SABRE™ I is now in Antenna Pointing state.

II. To obtain the maximum possible signal strength, adjust the antenna by turning and tilting it. For an acceptable service to commence, a signal strength of minimum 45 dBHz is required. Press ENTER when the maximum possible signal strength is obtained.

III. SABRE™ I will start registration with the network.

Registering ...
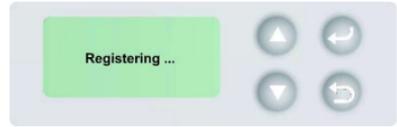
IV. When registration is successful, the service provider's name will be displayed.

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4 Making Phone Calls

4.1 Using Corded Analog Handset

RJ 11

I.   Connect the Corded Analog Handset to SABRE™ I via (RJ11 phone) port.

II. Making phone calls directly –

    a) Corded Analog Handset: Press the 📞 to listen dial-tone before dialing and dial the calling party number in the following format; <00><Country Code><Telephone Number><#>.

5 Making Data Connection with SABRE™ I - Router Mode:

(note that the default mode is BRIDGE mode, refer to User Guide for setup and configuration)

5.1 Change to Router mode:

I. From the LCD, use the Up/Down buttons to select **Menu** > **Settings** > **Interfaces** > **Ethernet** > **Connectivity** > **Router Mode** and Press ENTER.

II. Use the Up/Down buttons to select Enable and press ENTER.

III. Setup your PC to get IP address dynamically.

5.2 Activate a Data Connection:

I. From the LCD, use the Up/Down buttons to select **Menu** > **Settings** > **Interfaces** > **Ethernet** > **Connectivity** > **Router Mode** and Press ENTER.

II. Use the Up/Down buttons to select **Options** > **Automatic** and Press ENTER if you need an automatic Data connection after reboot.

III. Select **Options** > **Manual** if you want to make the connection manually at the time you need it.

IV. Use **Connect** or **Disconnect** to activate or deactivate a data connection respectively.

V. If **Options** > **Automatic** is selected, unplugging and re-plugging the Ethernet cable will also activate the Data connection.

6 Activating SABRE™ I Web Console

I. Insert the SIM card and switch on the SABRE™ I terminal.

II. Connect the RJ45 Ethernet cable from the SABRE™ I terminal to the PC.

III. When the connection has been established, open the web browser (for example: Internet Explorer) and type **http://192.168.1.35** in the Address field.

IV. The User name and Password window will appear. The default User name is **admin** and Password is **wideye**. Click OK after entering the User name and Password.

Note:
For firmware version R12.0.5 and earlier, the default user name is **sabre1** and the password is **wideye**.

V. The SABRE™ I Web Console will open, if required, proceed with acquiring GPS, antenna pointing and registration to the network.

VI. Upon registration, proceed with normal operation.