



Nera WorldPro 1000/1010

 **QuickStart**



Installing SIM card and battery

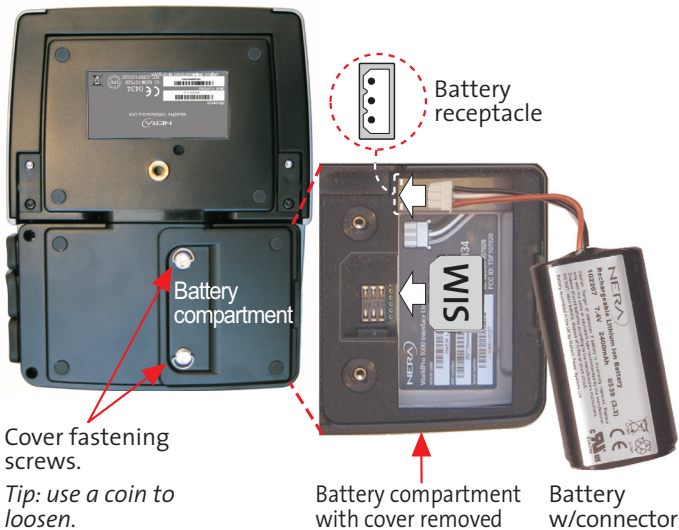
1 Remove the battery compartment cover by loosening the two fastening screws.

2 The SIM card must be installed prior to installing the battery. SIM card to be slid all the way into the slot.


3 The battery is enclosed with the Nera WorldPro, and must be installed before it can be charged. Charge for 24 hrs the first time.


Normal charge time is 3 hrs.

4 Remount the battery compartment cover. Cover locks SIM card in slot.

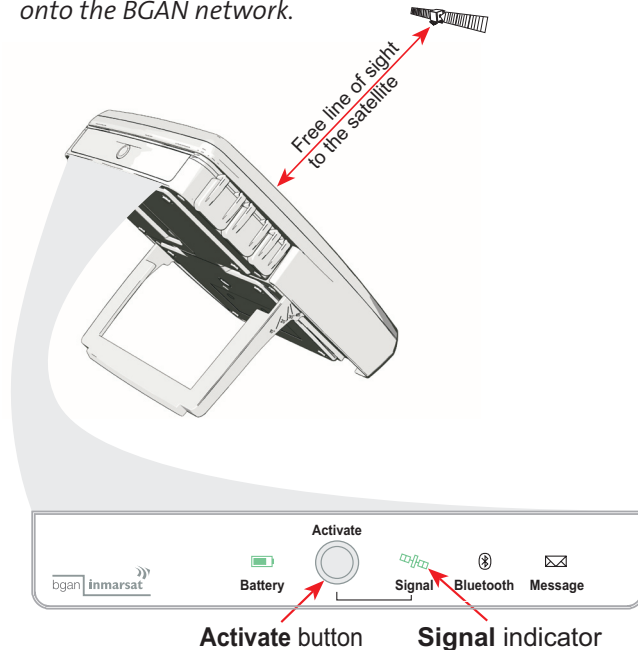


First time setting up

1 Power on terminal by pressing **Activate**  for 1.5 seconds:


- All indicators light **GREEN** for approx. 15 seconds.
- Buzzer in antenna beeps slowly, **Signal** indicator blinks **RED**  (**YELLOW** if old GPS fix is stored in terminal).

*The terminal is automatically set in **Antenna Pointing mode**, i.e. it attempts to find the Inmarsat BGAN satellite and/or to obtain a GPS fix which is needed to log onto the BGAN network.*






2 Obtaining a GPS fix (if not using the stored fix):



- Place the terminal outdoors.
- Wait until the **Signal** indicator lights **GREEN** , GPS fix is obtained.
- If the terminal is new, or have not been used for some time, a GPS fix may take up to 5 minutes.
- Nera WorldPro only attempts to obtain a GPS fix the first 20 minutes after power on. If no fix is obtained, power off and start again from step 1.

A GPS fix is required for logging onto the Inmarsat system.


3 Find the best satellite signal:

- Align the antenna for the best possible satellite signal at your location, *see also User Guide > Antenna Pointing*.
- Use the buzzer pitch and the **GREEN**  blinking **Signal** indicator. The buzzer pitch increases as the satellite signal improves. A good satellite signal is necessary to obtain a stable network connection.

4 Logging on:

- When the **Signal** indicator blinks **GREEN**  and the buzzer pitch is as high as you can get it, press **Activate**  to log automatically onto the **Inmarsat BGAN** network and exit the **Antenna Pointing** mode.

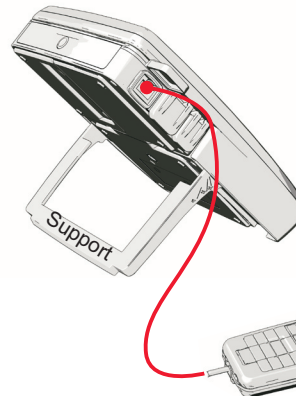
5 Start communications:

- When the **Signal** indicator lights steadily **GREEN** , you have successfully logged on and can start making voice calls, send SMS or set up a data connection on your PC. If the **Signal** indicator switches to **RED** , your logon attempt has failed. Press **Activate**  for 1.5 sec to power off the terminal, and start again from step 1.

Calling via the Telephone interface

Connect an ISDN telephone preferably with a display, e.g. the Nera WorldSet to the telephone interface.

Enter the SIM pin code if prompted.



For Bluetooth, see the Nera WorldPro User Guide on the CD.

Nera WorldSet (option) or a standard ISDN phone, or ISDN DECT w/base station.

To call a subscriber, dial:

00 + country code + subscriber number + 

To call the Nera WorldPro, dial:

00870 + Inmarsat Mobile Number (IMN)

How to use the Nera WorldSet, see Nera WorldSet User Guide.

The Nera WorldPro allows simultaneous voice and data connections.



Signal indicator - antenna pointing



Slow red blink: not ready for logging on.

Slow yellow blink: not ready for logging on



Fast yellow blink: ready, but old GPS fix.
(may fail to log on if moved more than 300 km,
or old time stamp)



Slow green blink: not ready, but new GPS fix ok.

Fast green blink: ready for logging onto Inmarsat system.

Signal indicator - logging on



Steady red: logging on attempt failed



Steady yellow: registration in progress or lost
satellite signal.



Steady green: logging on successful.
Terminal ready for voice/SMS/data.

Battery indicator



Blinking yellow: charging in progress.



Steady red: less than 10 % remaining capacity.



Steady yellow: less than 40 % remaining capacity.



Steady green: more than 40 % full.



ON, all other indicators are OFF: sleep mode.
Press **Activate** briefly to see indicators.

Message indicator



Green: message received



Yellow: enter SIM pin



Red: alarm

Installing the PC program

The **BGAN LaunchPad** allows you to set up and manage your satellite communications. You can open and monitor data connections, send and receive text messages and manage your phone call history and contact details. The program is available on the enclosed CD and must be installed on the PC harddisk.

1 Insert the CD: 

The StartPage opens automatically in a few seconds.

(Alternatively, open the Acrobat file "Nera WorldPro Start-Page" on the CD. If necessary, install Acrobat Reader by clicking "AbeRdr60_enu_full.exe" in the "SW Installation" folder.)

2 To install on PC, click **Software Installation** and then **BGAN LaunchPad**.

When prompted, select **Single User** installation.

3 If USB connection is required, Nera USB drivers must be installed in the PC prior to connecting to the USB cable between the PC and Nera WorldPro, see the **Connect to PC via USB application guide**.

4 If Bluetooth connection, see the **Connect to PC via Bluetooth application guide**.

5 Switch ON Nera WorldPro.

6 Start the BGAN LaunchPad program by clicking **Start > Programs > BGAN LaunchPad**. If necessary, aid LaunchPad to connect to your Nera WorldPro.