

Essential instructions - THURAYA 7101

Overview




General Guidelines - "all you need to know"

1. If we have provided a Thuraya SIMcard it is inserted the phone and the phone number is marked on the phone
2. If you are using your own **GSM SIMcard** (e.g. Swisscom, Orange, etc.- NB prepaid GSM SIMcards do not work) – take off the battery and insert your GSM SIMcard as indicated. NB. The Thuraya 7101 using a GSM SIM will function in Satellite mode when making calls!
3. Under most circumstances – in satellite mode - the phone has to be used outdoors to find a satellite – pull out the antenna
4. Make sure that the battery is fully charged – keep one charged all the time.
5. THURAYA is a satellite communication system – there may be occasions when you have to wait a few minutes for proper satellite connection. Furthermore the quality of the line may vary and on occasion there may be an interruption of your conversation.
6. When calling a satellite phone from a fix line – there may be a few (15) seconds without the caller hearing a calling-tone – this is normal but you may want to tell people that are expected to call you.
7. satellite communication system is "slower" than GSM – be patient ...
8. When dialling out from a satellite phone in SAT mode – you must always add a country-code (even of the country that you are in if calling locally)

9. Please familiarise yourself with the phone prior to departure and call us if you have a problem
10. For 24/7 worldwide **customer support** dial +44 1722 420 750 – mention that you are a Marine Electronic SA / Satellite Communication .CH customer
11. In case of an **emergency** – such as search & rescue contact REGA

Within Switzerland # 1414
From abroad # +41 333 333 333


To switch on the phone

- Press on  – wait for confirmation that the phone has found a GSM or satellite network – minimum 3 lines in the upper left corner and the name of the network marked / indicated on the screen – this may take several minutes!
- If the phone does not lock on to satellite or network it could be because has not been used for a long time, or has been switched off and you have moved i.e. abroad you may need to re-initialize and re-register the unit. – 1st try “a” again if the problem continues - see instructions below
- You have the choice to telephone in satellite mode (SAT) or in GSM mode or to switch automatically between the two modes if you happen to be in an area where only one of the two is possible.
- To check or reconfigure your phone preference:
 - **Select Menu > System Pref.**
 - **The current setting is displayed**
 - **Press Change**

In system preference there are 4 options – select your preferred option:

- **SAT only** Operating as SAT only registration.
- **SAT preferred - If SAT Preferred is selected:** The mobile phone will initially attempt to access a SAT network, if no SAT network is available it will automatically attempt to access a GSM network. When operating on a GSM network, the mobile phone periodically scans for available SAT networks and will switch to SAT if the service is available.
- **GSM only** Operating as GSM only registration.
- **GSM preferred - If GSM Preferred is selected:** The mobile phone will initially attempt to access a GSM network, if no GSM network is available it will automatically attempt to access a SAT network. When operating on a SAT network, the mobile phone periodically scans for available GSM networks and will switch to GSM if the service is available

To make a call

- Dial the desired number confirm by pressing  – if used in satellite mode you must always include + (international call code) and country-code - even if calling within the same country
- Please remember that this is sophisticated Satellite communication equipment but it can happen that the phone call does not go through the first time or that you get disconnected. This is most likely because of your specific location, in such a case move a few meters and try again

How to initiate the 7101 after travel or long period of non-use

If your phone has not been used for a number of days, or has been switched off and you have moved location (i.e. abroad) you will need to re-initialise and re-register the unit. This procedure must be followed when you are in clear view of the sky and have a clear line of sight to the Thuraya satellite.

- Switch unit on.
 - Press Menu.
 - Scroll to GPS Manager.
 - Select Current Position.
 - Wait until the Lat/Long is displayed this may take up to 15 minutes for the first initialisation.
 - In Menu go to System Preferred
 - Select Sat Only.
 - Select Network.
 - Select Network Mode.
 - Change to Manual.
 - The unit will then search.
 - After a period of time Thuraya will appear.
 - Select Thuraya
 - The unit will then Auto Register.
- If registration fails repeat steps 6-14,

How to send SMS to an Email address from your Thuraya

Before sending SMS set up message preferences to use Thuraya's SMS service center:

- Go to menu.
- Choose "Settings".
- Choose "SMS Parameter".
- Choose "SMS Center".
- Enter "+882161900000" (Thuraya SMS center number)
- Press "save"



Message Typing Tips...

- Press alphabets a longer time to type smaller alphabets
- Please remember to type the email address in smaller alphabets
- Press 1 continually for dot (.) and other keys
- Press 0 continually for "at the rate of" (@)

Send GPS position by SMS

You can store information about a current location, and send by using SMS service (this can be extremely important in case of a serious incident!)


Send GPS Coordinates Through SMS...

- Go To "Menu"
- Select "GPS Manager"
- Select "Current Position" After a while (this may last up to several minutes), the current latitude and longitude data is displayed
- Press  to display altitude data and time/date
- Press  to display latitude and longitude data again
- Upon reading the GPS Coordinates, press "Options"
- Select "Send As SMS"
- Type the Mobile Number you would like to send the SMS to.
- Press "Send"

Voice Mail (Combox)

Store voice mailbox number

- Select Menu
- Select Settings
- Select Phone
- Select Voicemail No. Enter the number of your voice mailbox
- Press Save
- Now the number is stored on your SIM card

The Voice Mail Service (VMS) from Thuraya works like an answering machine and stores messages when you have your phone switched off or the line is busy. The symbol  shown indicates that a message is stored in your voice mailbox. (Note: some service providers do not support the symbol indicator).

To listen to voice messages:

- Select Menu
- Messages
- Listen Voicemail

or:

- Press  for two seconds

Checking remaining balance on a THURAYA Prepaid SIM-cards

By dialing 151

- Register your phone in the **Thuraya network** you should see "THURAYA" on the screen and the stable satellite level indicator on the upper right corner of the screen – it does not work in GSM mode
- Dial **151** toll-free to check your current balance

On the Web

- Visit <http://bills.thuraya.com>
- Select type of account to be viewed: PREPAID
- Type in the last 8 digits of your Thuraya telephone number (after 88216)
- Type in your Web password (see Notes below)
- Click "OK" to view your account balance and status

Purchase additional airtime on THURAYA prepaid SIMcard

- If you need more airtime you can contact us – indicating the number of your THURAYA and we will charge the card for you and then send you an invoice.
- Alternatively "do-it-yourself" via following link
<http://www.thuraya.com/content/thurayarecharge-2.html>

THURAYA – configuration 7101 as modem in Windows XP

Configure your personal computer to send and receive information using the Thuraya 7101 as a Modem in Windows XP

- Go to Control Panel.
- Choose Phone and Modem Options.
- Click the "Modems" tab.
- Click "Add..."
- Check the box next to "Don't detect my modem; I will select it from a list" and click "Next".
- Under standard modem types choose Standard 19200 bps Modem.
- You will be asked to choose a COM port. If you plug directly into a serial port on the back of your PC, you will need to use COM 1 or 2. If you are using a USB to Serial converter, the COM port will be a random number. If you are USB converter go into the device manager and check that the modem is dialling the USB converter port



- “Next” then “Finish” to complete the modem setup.
- Go to Network Connections in Control Panel.
- Click on “Create a New Connection” on the left-hand side.
- Choose Connect Directly to the Internet.
- Choose to setup your connection manually.
- Choose “Connect using a dial-up modem.
- Choose the Standard 19200bps Modem that you created earlier.
- Type in an ISP name (This can be anything).
- Type in the phone number that you want to dial. For Thuraya Direct Internet, type 1722.
- Type in the username and password for your connection. For Thuraya Direct Internet, the username and password must be blank.
- Click “Finish” to create your connection.
- To dial the connection, double click on the icon in Network Connections and choose “Dial”.



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