

XT-LITE satellite phone  
**USER GUIDE**

THURAYA 

ENGLISH

العربية

DEUTSCH

ESPAÑOL

فارسي

FRANÇAIS

हिंदी

ITALIANO

PORTUGUÊS

РУССКИЙ

TÜRKÇE

中國語

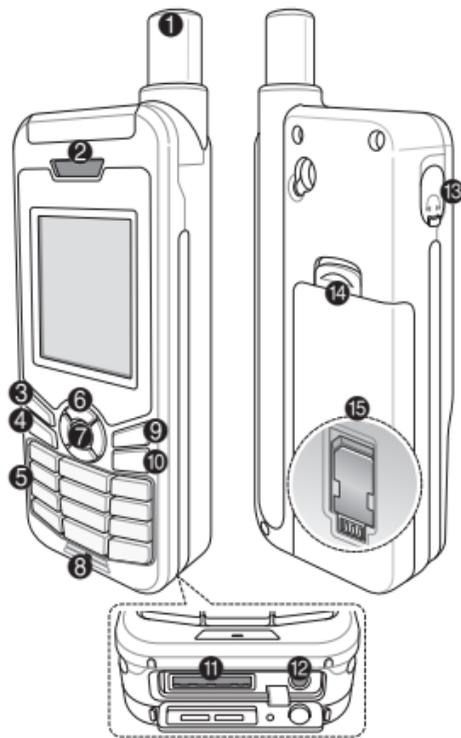
اردو

Certification/Compliance/Warranty

Limitation of Liability

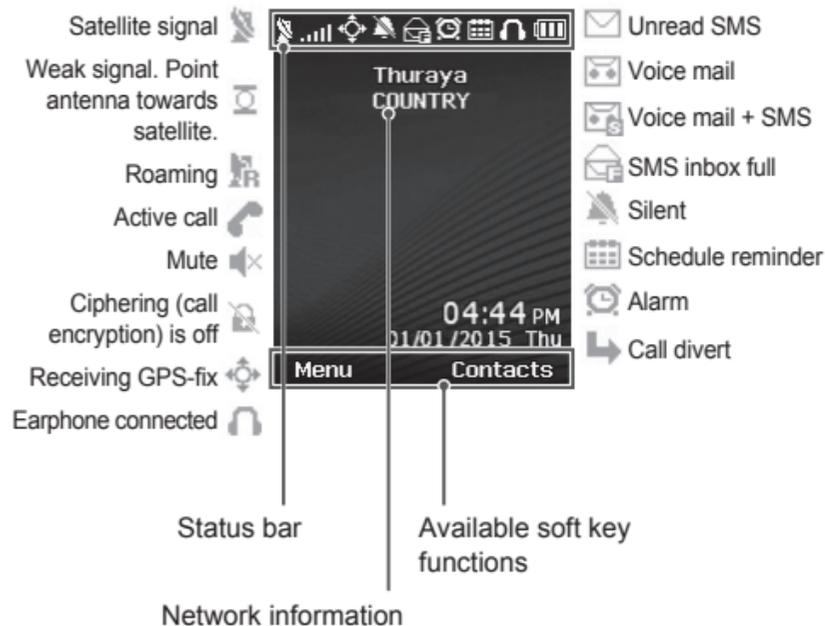


## Parts Description



- ❶ Satellite antenna
- ❷ Receiver
- ❸ Left soft key
- ❹ Call key
- ❺ Alphanumeric keypad
- ❻ Navigation keys
- ❼ Selection key
- ❽ Microphone
- ❾ Right soft key
- ❿ End key
- ⓫ USB/Data cable jack
- ⓬ Charger jack
- ⓭ Earphone jack  
(Earphones are available as an optional accessory)
- ⓮ Battery release
- ⓯ SIM card holder

## Overview of the Home Screen

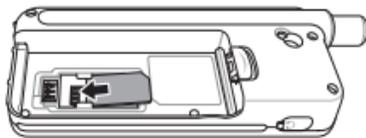


## Getting Started

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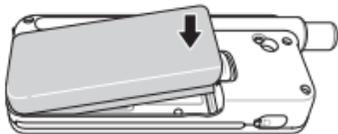
### Inserting the SIM card

Make sure to insert the SIM card in the shown direction before inserting the battery.



### Inserting the battery

Insert the battery from the bottom end first. Then push down the top end until you hear it click in place.



### Charging the battery

Open the cover at the bottom of the phone and firmly connect the charger to the charger jack.



### Network connection

When the XT-LITE is powered on, the phone will search for the network and acquire location information. If the SAT and location icons are flashing, the phone is yet to receive the location information and you will be able to make a call or send a message once the flashing stops. Upon successful registration to the network, the phone will display the country and the signal strength.

# Calls

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## Making a call

To make a call, enter a phone number using the keypad or choose a saved contact and then press the **Call** key.

## Receiving a call

To receive a call, press the **Call** key or any key on the keypad.

## During a call

During a call, you can mute the call or put the call on hold from the **Options** menu.

## Swapping calls

While receiving an incoming call during an already active call, select **Swap**. This will allow you to connect with up to 6 users.

## Conference calls

- 1 During an active call, go to **Options > New call**. The first call is automatically put on hold.
- 2 Call the other user's phone number.
- 3 To add the first user into the conference call, go to **Options > Multiparty**.  
You can include up to 6 users in the conference call by repeating steps 1 to 3.



### Note

During a conference call, you may choose to speak with a user in private. Select the user and go to **Options > Private**, and then all other calls are put on hold automatically.

## Messaging

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### Sending messages

- 1 Go to **Menu** > **Messages** > **New message**.
- 2 Enter the message.
- 3 Add the phone numbers of the recipient(s).
- 4 Select **Options** > **Send**.



#### Tips

Press the **\*** key for symbol entry, the **#** key for switching between number and text, and **Options** > **AutoText** for predictive text entry.

### SMS to email

While writing a message, you can change the sending format to email.

- 1 Select **Options** > **Sending options** > **Format** > **SMS to email**.
- 2 Select **Options** > **Send** > enter an email address > **OK** > enter an email center number > **Send**.

## Features

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### Navigation

- Find your current coordinates.
- Enter waypoints to navigate to a specific position with the electronic compass.
- Geo reporting can be used to send your coordinates to pre-defined numbers via SMS. Follow Option A to send only the coordinates and Option B to send coordinates plus a user-defined message (see next page).

## Features

### Option A

To send only the GPS coordinates (without user-defined message):

Go to **Menu > Navigation > Geo reporting**.

- 1 Enter recipient(s):
  - Enter up to four recipients, one for each of the empty slots.
  - Select the slot, go to **Options > Add recipient**, and choose to input the number or select from contacts.
- 2 Set the interval:
  - Select any of the four slots and go to **Options > Message intervals**.
  - Choose frequency of outgoing messages (every 3 minutes to every 2 hours).

### Option B

To send a user-defined message along with the GPS coordinates:

Go to **Menu > Navigation > Geo reporting**.

- Follow steps 1 and 2 from above.
- Turn on SOS message:
  - Select any of the four slots and go to **Options > SOS message > On**.
- Set the SOS message:
  - Select any of the four slots. and go to **Options > Setup SOS message**.
  - Write the message and press the **Selection** key to save.



### How to activate and deactivate Geo reporting:

- To activate from the home screen, long press the right soft key .
- To deactivate while in use, short press the right soft key .

## Organizer

Use the Organizer of your XT-LITE for a range of convenient features such as setting alarms, scheduling appointments, using the built-in calculator, stopwatch and world time.

## Call notification

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Your Thuraya XT-LITE allows you to receive a notification of an incoming call even if your satellite signal is too weak to receive the call itself. This is particularly useful when the Thuraya XT-LITE is in your pocket with the antenna stowed, and only has a weak signal.

- 1 Fully extend the antenna of your Thuraya XT-LITE.
- 2 Ensure that you have direct line of sight to the satellite.
- 3 As soon as the signal strength is strong enough, the warning disappears from the display. You can now accept the call as usual by pressing the **Call** key.

## Software Upgrades

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A software upgrade is only required if Thuraya releases a newer software version. Before performing an upgrade please check your current software version under **Security > S/W version** to see if an upgrade is required.

- 1 Download and install the latest XT-LITE upgrader file from [www.thuraya.com](http://www.thuraya.com).
- 2 Download the latest XT-LITE software from [www.thuraya.com](http://www.thuraya.com).
- 3 Power on your Thuraya XT-LITE with a fully charged battery.
- 4 Connect the PC and the Thuraya XT-LITE using the USB cable.
- 5 Double click the XT-LITE upgrader icon on the desktop and the program will guide you through the upgrade process.

### How to connect the data cable for a software upgrade:

Open the cover at the bottom of the phone and firmly connect the USB cable to the UDC jack.



Afterwards attach the other side of the data cable to your PC.

## Useful Tips

Function	Operation
Keypad Lock/Unlock	Press and hold the <b>#</b> key to lock the keypad. To unlock press the right soft key followed by the <b>#</b> key within 3 seconds.
Adding Contacts	1. Enter a phone number and press the <b>Selection</b> key. Or go to <b>Contacts &gt; Add contact</b> . 2. Select the storing location (phone or SIM card) and phone number information.
Silent Mode	Long pressing the <b>*</b> key will switch between <b>Silent</b> and <b>Normal</b> mode.
Checking your current location	Go to <b>Menu &gt; Navigation &gt; Current position</b> .
Changing text input mode	Long press of the <b>*</b> key will switch between <b>AutoText</b> and <b>Normal</b> mode.
Changing languages	Go to <b>Menu &gt; 7.Settings &gt; 3.Language</b> .
Call logs	To see your recently called numbers press the <b>Call</b> key (or go to <b>Call logs</b> ).

## Maintaining your XT-LITE

Your satellite phone needs to be in optimal working condition when you need it. To ensure your phone is prepared, a regular Thuraya phone test provides you with peace of mind that ensures your satellite phone is working when it is needed:

- Test your Thuraya phone regularly, especially if you have not used it for some time: dial the free number **11 11 2** from your Thuraya XT-LITE to test if it is working properly (this number can only be accessed from Thuraya SIM cards).
- Charge the XT-LITE's battery once a month to have the phone ready when you need it.
- Check your subscription or credit balance regularly.

## Troubleshooting

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Problem	Solution
<b>The XT-LITE cannot connect to the network and 'No Network' is shown on the screen.</b>	<ul style="list-style-type: none"><li>● Try to update the SAT registration manually by going to <b>Menu &gt; Network &gt; SAT registration</b>.</li><li>● Ensure the line of sight to the satellite is not obstructed by high buildings, trees, or mountains.</li></ul>
<b>Location icon is flashing or the XT-LITE shows 'Position too old'.</b>	<ul style="list-style-type: none"><li>● The XT-LITE's location information is being updated. This is done automatically once the phone is powered on.</li><li>● Ensure the line of sight to the satellite is not obstructed by high buildings, trees, or mountains.</li></ul>
<b>The XT-LITE shows 'Insert SIM'.</b>	<ul style="list-style-type: none"><li>● Try to remove and reinsert the SIM card.</li><li>● Check if the SIM card is dirty or damaged.</li><li>● Entering a wrong PUK code may deactivate the SIM card.</li><li>● When using a different SIM card (other than a Thuraya SIM card) in the XT-LITE while abroad, roaming service must be enabled (please contact your Service Provider to check if roaming is active).</li></ul>

## Troubleshooting

Problem	Solution
<b>The XT-LITE becomes unresponsive or sluggish.</b>	<ul style="list-style-type: none"><li>• Try restarting your phone.</li><li>• Do a reset in case your phone has a persistent problem by going to <b>Menu &gt; Security</b>.<ul style="list-style-type: none"><li>- Soft reset: You can reset your phone without losing your personal settings like contacts or messages.</li><li>- Factory reset: The factory reset will restore the settings on the phone to be as it was when shipped. Personal settings like contacts and messages will be deleted.</li></ul></li></ul>
<b>The security code has been lost or forgotten.</b>	<ul style="list-style-type: none"><li>• The factory setting of the security code is 0000.</li><li>• Please contact your Service Provider in case the number has been changed and was forgotten.</li></ul>
<b>The PIN/PUK codes have been lost or forgotten.</b>	<ul style="list-style-type: none"><li>• Entering the wrong PIN code 3 times will lock the SIM card. To unlock, you must enter the PUK code.</li><li>• After entering the PUK code, you can set a new PIN code.</li><li>• In case the PUK code has been forgotten, please contact your Service Provider.</li></ul>





## Certification / Compliance / Warranty

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### SAR Information

Your wireless Thuraya XT-LITE phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard

operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.562W/kg.

This satellite mobile phone cannot be used in a body-worn position because in this position the phone cannot properly receive and transmit the satellite signal therefore in this mode of operation is not practical and restricted in use.

Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at [www.apsi.co.kr](http://www.apsi.co.kr).

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### FCC Compliance

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6W/kg averaged over one gram of tissue and the Thuraya XT-LITE complies with these requirements. Although not intended to support operations when body-worn (in this position the phone cannot properly receive and transmit the satellite signal therefore in this mode of operation is not practical) the use of body-worn accessories is limited to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 0.5cm separation between the device, including its antenna, and your body.

*It is not possible to acquire an FCC ID because of existing FCC regulation 25.129 (d), but the product has passed all FCC standard tests. XT-LITE also complies with FCC SAR standards. The SAR value (head) of the Thuraya XT-LITE is 0.360 W/kg.*



### Caution

This equipment generates or uses radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

### RoHS Compliance

This product is in compliance with EU RoHS Directives and manufactured using lead-free solder paste and parts.

### LIMITED WARRANTY

This Limited Warranty is provided to the original end-user purchaser (the **'Buyer'**) of any new Thuraya XT-LITE Satellite Handheld Phone. This Limited Warranty is non-transferable.

### Warranty Coverage and Service

Thuraya warrants all new Thuraya XT-LITE Satellite Handheld Phones (the **'Product'**) under normal use and wear to be free from defects in material and workmanship for a period of one (1) year from the date of purchase by the original Buyer (the **'Warranty Period'**). If, under normal use and wear, the Product becomes defective in materials or workmanship and is returned at Buyer's expense to a Thuraya Authorized Service Center during the Warranty Period, the Product will be repaired or replaced, at

## Certification / Compliance / Warranty

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Thuraya' sole and exclusive option, and at no charge to Buyer. Buyer will be required to provide reasonable proof of date of purchase. Reconditioned replacement components, parts, units or materials may be used if the Product is repaired or replaced. Costs incurred in the removal, de-installation or reinstallation of the Product are not covered.

### **THIS LIMITED WARRANTY DOES NOT COVER AND THURAYA WILL NOT BE RESPONSIBLE FOR THE FOLLOWING:**

This Limited Warranty will be void in its entirety if the Product is serviced by anyone other than Thuraya or a Thuraya Authorized Service Centre. Buyer's sole and exclusive remedy shall be the repair or replacement of the defective product,

as specifically described above. Thuraya neither assumes nor authorizes any Authorized Service Centre or any other person or entity to assume any other obligation or liability beyond that which is provided for in this Limited Warranty.

This Limited Warranty is conditioned upon proper use of the Product and does not cover the following:

- products or accessory equipment not manufactured or provided by Thuraya
- failures or defects caused by misuse, abuse, accident, alteration, dampness, sand, unusual physical, electrical or electromechanical stress or neglect
- unauthorized installation, removal or repair
- failure to follow instructions
- fire, flood or other nature caused accidents

- spills of food or liquids; moisture
- normal wear and tear
- scratches, dents and cosmetic damage
- improper installation, maintenance or improper storage
- operation or repair; performance of the Product when used in combination with other products or equipment not manufactured or provided by Thuraya
- payments for labor or service to representatives or service centers not authorized by Thuraya.

This limited Warranty of the Product does not cover the operation, availability, coverage, range or grade of service provided by the satellite systems.

## Limitation of Liability

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THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THURAYA SHALL NOT BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, LESS REASONABLE AMOUNT FOR USE AND WEAR, OR FOR ANY INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, OR FOR ANY DELAYS, LOSS OF USE, TIME, PROFITS, REVENUE OR SAVINGS, ANY COMMERCIAL LOSS, INCONVENIENCE, MILEAGE, DAMAGE TO BUYER'S OR TO OTHER PERSON'S VEHICLE OR ANY OTHER PROPERTY, ARISING FROM THE USE OR INABILITY TO USE THE

PRODUCT, OR OTHERWISE FOR ANY FAILURE TO PERFORM.

All liability and obligations of Thuraya under this Limited Warranty shall terminate upon the expiration of the applicable Warranty Period provided herein. This Limited Warranty sets forth the entire responsibility of Thuraya with respect to the Product. There are no other liabilities of Thuraya arising from the sale of the Product whether based on warranty, contract, negligence or other theories of liability. No employee, agent, dealer, representative, distributor, service partner or reseller is authorized to modify or extend this Limited Warranty or to make binding representations, whether in advertising, presentations or otherwise, in the name and/or on behalf of Thuraya regarding the Product or this Limited Warranty.

In no event shall Thuraya liability exceed the cost of correcting defects as provided herein.

This Limited Warranty gives specific legal rights to Buyer, and Buyer also may have other rights which may vary from jurisdiction to jurisdiction, as this Limited Warranty does not affect the Buyer's legal rights under the relevant applicable national laws in respect of the sale of consumer goods or the Buyer's rights vis-à-vis the retail seller/dealer of the Product.

CE 0984



Asia Pacific Satellite communications Inc (APSI), a company duly incorporated and validly existing under the laws of South Korea, hereby declares that the Product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, Directive 2013/35/EC and EU RoHS Directives, as well as any other applicable regulations, including but not limited to those related to (i) telecommunications terminal equipment; (ii) use of hazardous substances in electrical and electronic equipment; and (iii) safety requirements in respect of electromagnetic fields which are in force in the countries listed in the Appendix A of the warranty service program for the Product at the moment this Limited Warranty is issued. In addition, the Product complies with international standards and specifications

(among others, the CE marking and the ITU GMPCS MoU mark).

The crossed-out wheeled bin means that within the European Union the product must be taken to separate collection at the product end-of-life. Do not dispose of these products as unsorted municipal waste.

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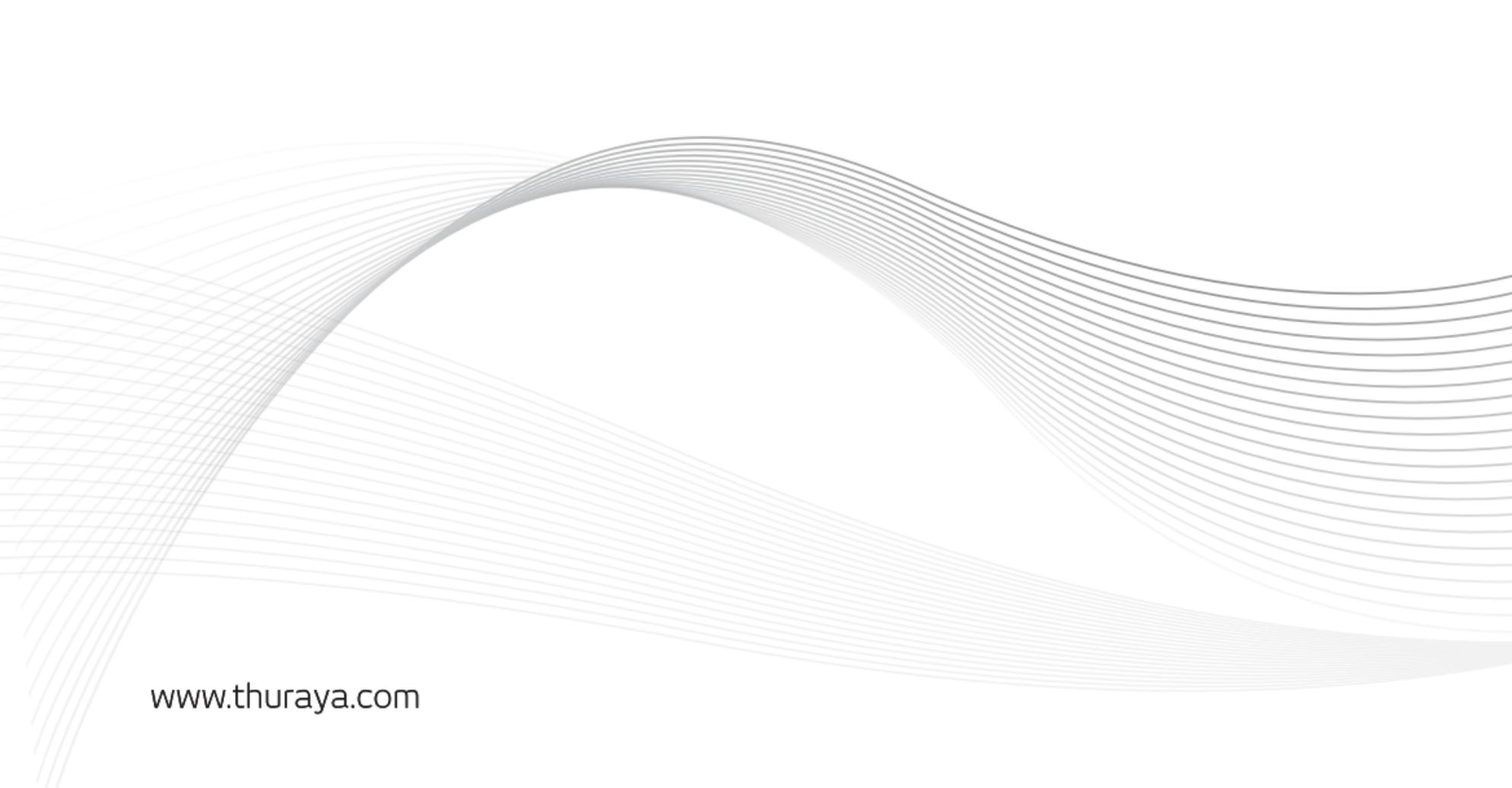
If any part of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the limited warranty.

Printed in South Korea.



### Caution

THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

The background features a series of thin, grey, wavy lines that flow across the page, creating a sense of motion and depth. The lines are most concentrated in the center and right side, with some lines extending towards the left edge.

[www.thuraya.com](http://www.thuraya.com)