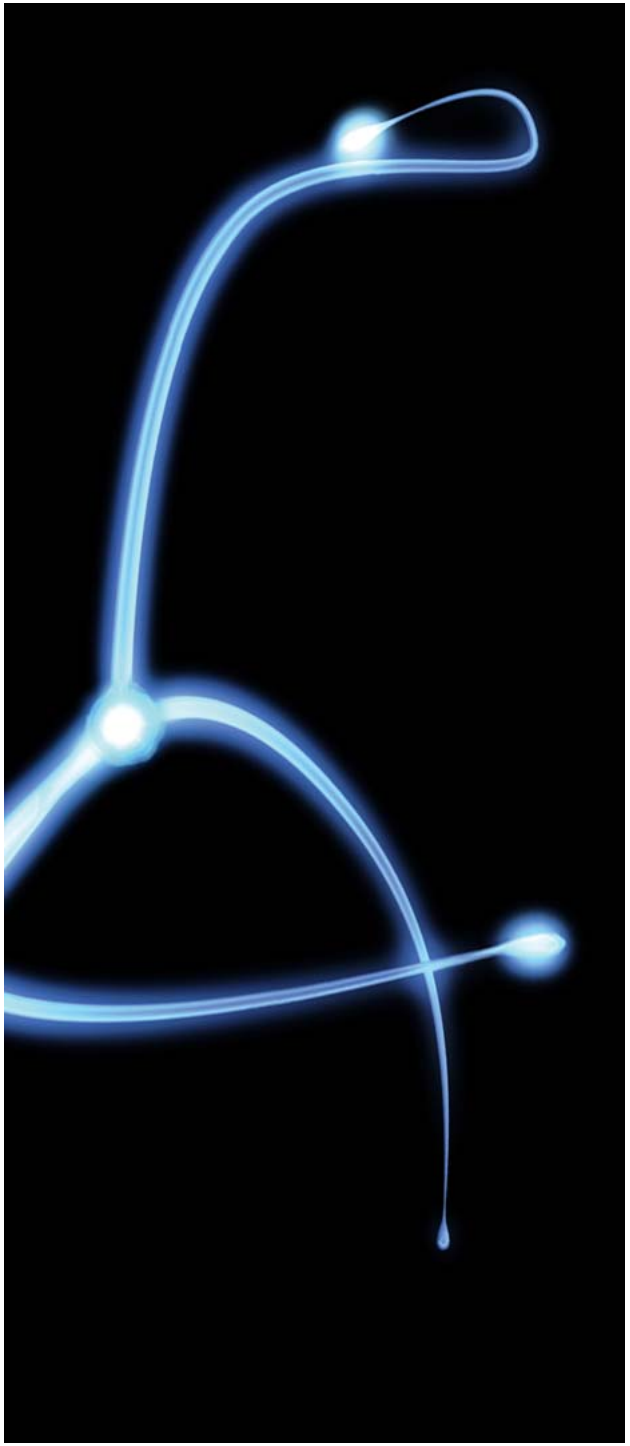


THURAYA

stay close

Presentation to Thuraya partners

Introducing Thuraya XT

Dubai, August 2009

Presenters name
Position
Thuraya Telecommunications Company


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7 pqrs
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Thuraya XT

Thuraya XT at a glance

Key differentiators

Reliability

- Thuraya XT is the only satellite phone in the market complying with IP54/IK03 standards, which makes it the toughest and most reliable SAT-phone
- Splash resistant, dust resistant and shock-proofed
- Thuraya XT boasts the longest battery life of any satellite handset, providing up to 6 hours talk-time and up to 80 hours standby-time

Usability

- Thuraya XT features a large 2-inch/5cm glare-resistant outdoor display (with brightness sensor) which improves outdoor visibility in direct sunlight
- Messaging via SMS, Email, Fax
- Thuraya XT has an GSM-like advanced menu with many features, such as an Organizer or GPS Waypoint-navigation
- Perfectly balanced size-to-weight ratio allows comfortable handling in all situations

Thuraya XT at a glance

Key features

Thuraya XT - Overview

- Satellite telephony
- IP54/IK03 standard
  (splash resistant, dust resistant, shock-proofed)
- Glare-resistant outdoor display with high contrast menu for easy readability in direct sunlight
- GPS functionality for waypoint navigation
- Messaging via SMS, Email and Fax
- Battery-saving technology with a brightness sensor for the display to reduce battery consumption
- Organizer including Calendar, Alarms, World-time,...
- Perfectly balanced size-to-weight ration
- GSM-like menu structure with user-friendly and fast access to functions



Thuraya XT at a glance

What is IP54/IK03 standard?

IP54/IK03 is an International Industrial Standard

<u>IP54 standard:</u>

First digit**:** **5**4

Dust protected: full protection against contact, protection against interior injurious dust

= Dust cannot harm the operation of the phone

Second digit: 5**4**

Splash resistant: protected against splashed water from all directions

= Splashed water cannot harm operation of the phone

<u>IK03 standard:</u>

Shock-proofed: phone can withstand impacts of 0.35 joule



No other SAT-phone in the market has IP54/IK03 standard!

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Thuraya XT at a glance

Technical specifications

Part	Description
Size (without antenna part)	128 x 53 x 26.5 mm
Weight	193g
Frequency	L-Band
GmPRS Down/Up Speed	60/15 kbps
Fax and Data	9.6 kbps
Battery	Li-ion Polymer 3.7V/2520 mAh
Battery Charging	Max 1.3A
Travel Charger	5V / 2A (Plugs: EU/UK/CHN-type)
OS	VxWorks
LCD	262K Colors TFT 2.0" 176*220 Pixels
External Interfaces	USB Data Cable Interface (UDC), Ear Jack, Battery, DC Power
Type approvals	CE, GMPCS, FCC, A-Tick & C-Tick
Environmental specifications	IP54/IK03 standard
Storage temperature Operating temperature	between –20ºC and +70ºC between –10ºC and +55ºC
Humidity	between 5% - 95%
Vibration	withstand a random vibration of 0.3 m^2/s^3 from 200 to 2000 Hz along 3 orthogonal axes perpendicular to the six faces at 30 minutes each without damage
Shock	withstand a shock pulse of 300 m/s^2 for 6 ms along the 3 orthogonal axes perpendicular to the six faces without damage
Solar radiation	withstand 1120W/m^2 solar radiation
Air Pressure for Transport at Altitude	withstand 57 kPa (equivalent to 15000 feet)
PC compatibility	Windows Vista, Windows XP, Windows NT, Windows 2000

Thuraya XT at a glance

Designed for harsh environments

A tough phone!

Dust protected

Splash resistant

Shock proofed

Built to exacting standards and using the newest materials in the industry to achieve high quality hardware:

- The latest durable polycarbonates for the outside case
- Aluminium to shield the inside components
- Rubber seals on all plugs to protect from water and dust

➔ **Making Thuraya XT the toughest SAT-phone in the world!**

Thuraya XT

Thuraya XT box



What’s in the box?



Thuraya XT phone contents

- Thuraya XT phone
- Battery
- Travel Charger (incl. 3 adaptors for EU, UK, China)
- Earset
- USB Data Cable
- Spare Antenna plugs
- User Guide (English)
- Quick Start Guide (14 languages*)
- Support-CD
- Accessory Catalogue
- Warranty Card

** English, French, Hindu, Urdu, Arabic, Farsi, Russian, Spanish, German, Indian, Turkish, Portuguese, Swahili, Chinese*

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What’s in the box?

User guide holder with:
User guide, Quick start guide, Support-CD, Accessories catalogue and Warranty Card

User guide slider



User guide holder



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What’s in the box?

Supporting materials

Materials overview



Supporting materials

- User Guide (English)
- Quick Start Guide (14 languages*)
- Support-CD
- Accessories catalogue
- Warranty card

* *English, French, Hindi, Urdu, Arabic, Farsi, Russian, Spanish, German, Italian, Turkish, Portuguese, Swahili, Chinese*

What’s in the box?

Included accessories

Accessories overview



Accessories in the XT box

Accessory box with:

- Travel Charger including 3 adapters (EU, UK, China)
- Earset
- Spare Antenna plugs

Data Cable box with:

- USB Data Cable

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Market environment

Criterias in the decision-making process

Directly influencing the buying decision:

- IP54/IK03 standard
  - Dust protected
  - Splash resistant
  - Shock proof
- Toughest SAT-phone (most rugged with highest reliability in the market)
- Longest battery life of any SAT-phone (up to 6 hours talk-time and up to 80 hours standby-time)
- Very user-friendly menu structure (GSM-like) with advanced functions
- Good display visibility in direct sunlight, low reflection
- GPS-navigation functionality
- Professional look&feel
- Perfectly balanced size-to-weight ratio

Market environment

Hardware benchmarks

Main satellite handsets in the market *(dimensions in mm, red circle shows benchmark-leader)*

	Thuraya SO	Thuraya SG	Thuraya XT	Iridium 9555	Inmarsat ISatPhone	Globalstar 1700
System	SAT	SAT & GSM	SAT	SAT	SAT & GSM	SAT
Height (excl. antenna)	118	138.5	128	143	130	135
Width	53	53	53	55	67	55
Thickness	29	29	27	30	32	37
Weight	130	170	193	266	210	200
Talk-time *up to*	2.4h	2.4-4h	6h	4h	2.4h	4h
Standby-time *up to*	40+h	40-75h	80h	30h	42h	36h

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Market environment

Head-to-head comparison

		Thuraya XT	Iridium9555
Reliability	IP54/IK03 standard	Yes	No
	Standby-time	Up to 80hrs	Up to 30hrs
	Talk-time	Up to 6hrs	Up to 4hrs
Usability	Display	Advanced outdoor display (262k colors, low reflection in direct sunlight)	Basic monochrome screen
	GPS navigation	Yes	No
	User Interface (Menu structure)	Advanced GSM-like menu	Basic menu
	Dimensions	128x53x26.5mm	143x55x30mm
	Weight	193g	266g

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