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Thuraya Land Voice Accessories

An accessory for your every need

THURAYA

Thuraya's Handset Portfolio

Thuraya has built up a strong portfolio of satellite handsets, with products available that cater for the specific needs of different markets. Thuraya's handsets successfully serve Governments, Militaries, NGOs, Energy and other companies, Seafarers and Adventurers across Thuraya's satellite coverage which covers more than 160 countries in Europe, Africa, Asia and Australia.

Thuraya XT-PRO DUAL

Dual mode. Dual SIM.

The Thuraya XT-PRO DUAL is the world's first dual-mode, dual-SIM phone, bridging the gap between satellite and terrestrial communications.

Thuraya XT-PRO

Universally professional.

Designed for professional users, Thuraya XT-PRO is ruggedized and equipped with the longest battery life on any satellite phone, ensuring connectivity no matter where you go.

Thuraya XT-LITE

Simple. Reliable. Affordable.

The Thuraya XT-LITE provides reliable satellite phone connectivity with unbeatable value. It is designed for cost-conscious users who need to stay securely connected, without compromising on a clear and uninterrupted satellite connection.

Thuraya SatSleeve+

It's Your World. Your Phone. Your Call.

The perfect blend of mobility and simplicity, the Thuraya SatSleeve+ is the fastest way to transform your phone into a satellite smartphone.

Thuraya SatSleeve Hotspot

Portable Wi-Fi Hotspot via satellite.

Connect your smartphone via Wi-Fi to the SatSleeve Hotspot and you have the option to be in the comfort of an indoor location while the Hotspot is outside and facing the satellite.

Thuraya Land Voice Accessory Portfolio

Thuraya offers a wide range of accessories to complement your Thuraya handset. These accessories are designed to provide greater mobility and flexibility when using your Thuraya phone.

	XT-PRO DUAL	XT-PRO	XT-LITE	SatSleeve+	SatSleeve Hotspot
FDU-XT		✓			
FDU-XT PLUS	✓				
Indoor Repeater	✓	✓	✓	✓	✓
External handset antenna	✓	✓	✓	✓	✓
Sattrans SAT Docker		✓	(✓)*		
Sattrans SAT VDA		✓			
APSI Vehicle Kit	✓	✓	(✓)*	(✓)*	(✓)*
XT-Hotspot		✓			
Solar Charger	✓	✓	✓	✓	✓
Spare batteries	✓	✓	✓	✓	✓
Spare Travel Charger	✓	✓	✓	✓	✓
Spare Car Charger	✓	✓	✓	✓	✓
Spare USB Cable	✓	✓	✓	✓	✓
Wrist Strap	✓				
Universal smartphone adaptor				✓	✓
Hotspot Stand				✓	✓

**Works as a vehicle phone holder with external antenna while using the microphone and earset of the handset*

Complementing Thuraya phones

Fixed Docking Units are home/office docking adaptors that allow you to use Thuraya satellite services in indoor environments. Simply connect the Fixed Docking Unit with the included antennas and dock your Thuraya handset into the cradle to enjoy all standard satellite services.

FDU-XT

Available for: Thuraya XT-PRO, Thuraya XT

FDU-XT-PLUS

Available for: Thuraya XT-PRO DUAL

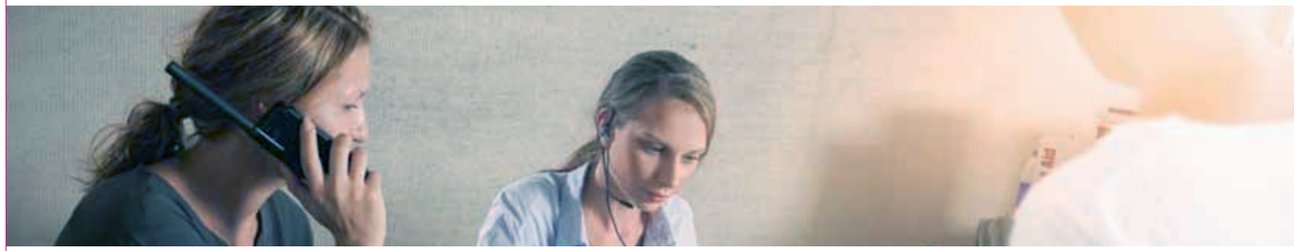
Easy to install and operate

- Supports high-quality voice transmission via auxiliary handset, speakerphone or any analogue extension telephone
- Charges your satellite phone while docked in the cradle
- Supports GmPRS services with USB port or DTE (downlink speed up to 60 kbps/uplink up to 15 kbps)
- Supports circuit switched data service at speeds up to 9.6 kbps
- Supports selected Group3 analogue fax machines and PC fax at speeds up to 9.6 kbps
- Supports PABX connection
- Bluetooth 3.0 (only on FDU-XT PLUS)

Fixed Docking Units Specifications

	FDU-XT	FDU-XT PLUS (Land installation)	FDU-XT PLUS (Marine installation)
Dimensions (Docking unit)	221 x 176 x 80 mm (W x H x D)	198 x 235 x 86 mm (W x H x D)	198 x 235 x 86 mm (W x H x D)
Interfaces	• 3 x RJ-11: - External telephone connection - External G3 fax connection - Auxiliary handset connection • 1 x RS-232 serial connection • 1 x USB PC connection • 2 x SMA connectors: - Satellite antenna connection - GPS antenna connection	• 3 x RJ-11: - External telephone connection - External G3 fax connection - Auxiliary handset connection • 1 x RS-232 serial connection • 1 x USB PC connection • 2 x SMA connectors: - Satellite antenna connection - GPS antenna connection • 3.5pi external speaker jack	• 3 x RJ-11: - External telephone connection - External G3 fax connection - Auxiliary handset connection • 1 x RS-232 serial connection • 1 x USB PC connection • 2 x SMA connectors: - Satellite antenna connection - GPS antenna connection • 3.5pi external speaker jack

Fixed Docking Units Specifications



	FDU-XT	FDU-XT PLUS (Land installation)	FDU-XT PLUS (Marine installation)
Package Contents	• FDU-XT main unit • Auxiliary handset • SAT antenna with 25m cable • GPS antenna with 25m cable • Mounting kit • Universal power supply (Input: 100-240V AC, Output: 12V DC) • USB cable • RJ-11 cable • Support CD • User manual	• FDU-XT PLUS main unit • Auxiliary handset • SAT antenna with 25m cable • GPS antenna with 25m cable • Mounting kit • Universal power supply (Input: 100-240V AC, Output: 12V DC) • USB cable • RJ-11 cable • Support CD • User manual	• FDU-XT PLUS main unit • Auxiliary handset • Marine antenna • 25m antenna cable • Mounting kit • Universal power supply (Input: 100-240V AC, Output: 12V DC) • USB cable • RJ-11 cable • Support CD • User manual
Environmental Specifications	• Storage temperature: -40ºc to +70ºc • Operating temperature: -20ºc to +60ºc • Operational humidity: up to 95% non-condensing at 40ºc	• Storage temperature: -40ºc to +70ºc • Operating temperature: -20ºc to +60ºc • Operational humidity: up to 95% non-condensing at 40ºc	• Storage temperature: -40ºc to +70ºc • Operating temperature: -20ºc to +60ºc • Operational humidity: up to 95% non-condensing at 40ºc

Vehicle Docking Kits

Vehicle Docking Kits ensure easy and reliable hands-free communication in vehicles, which allows for safe and comfortable driving.

Simply insert the Thuraya device into the adjustable phone cradle, connect the antenna, the loudspeaker, and the microphone, and start enjoying satellite connectivity on the move.

The vehicle kits provide the following functions:

- Docking capability for Thuraya phones
- Charging function while docked
- Voice calls
- GmPRS (packet data)
- Circuit switched data
- Loudspeaker and microphone

Vehicle Docking Kits Specifications

Cradle Kit	Phone holder	Side grip arms 45 – 80 mm width
	Suction mount	• Suction cup can be attached to windshield or dash board • Optional gel type suction pad • Optional dashboard disk
External Antenna	Frequency	1525Mhz - 1660.5Mhz
	Size	ø 110 mm
	Weight	200 grams
	Mounting	Magnetic mounting
	Mounting place	On steel roof
	Height	41.0 mm
	Operating temp.	-20ºc to +70ºc
	Connector	SMA (F) for SAT port
	IP grade	IP66
Loud Speaker	Output	> 2.5Watt
	I/O	• UDC connector for phone • DC Power Input (12V/24V) • Microphone input
Microphone	Mounting	Sunvisor clip mounting
RF Cable	RF cable	5m LMR-200 cable, SMA (F) to SMA (M)
	RF cable adaptor	10cm adaptor SMA (M) to MCX (M)
DC Cable	Cigarette cable	Coiled cigarette cable with protection fuse

Available for:

Thuraya XT-PRO DUAL, Thuraya XT-PRO, Thuraya XT

Basic functionality:*

Thuraya XT-LITE, SatSleeve+, SatSleeve Hotspot

**Works also as a vehicle phone holder with external antenna for Thuraya XT-LITE, SatSleeve+ and SatSleeve Hotspot, while using the microphone and earset of the handset.*

Indoor Repeaters

Indoor Repeaters enable you to use Thuraya's handsets in indoor environments. It provides indoor coverage of up to 500 square meters via the outdoor antenna which also ensures maximum signal strength. The indoor repeater is easy to install and supports voice, data/fax, SMS and GmPRS in satellite mode.

There are two versions available, the **Single-Channel Repeater**, which enables indoor usage for one user at a time, and the **Multi-Channel Repeater**, which supports indoor usage on up to ten satellite handsets simultaneously.

Available for: *All Thuraya handsets*

Indoor Repeaters Specifications

	Single-channel repeater	Multi-channel repeater
Users supported	1 user at a time	up to 10 simultaneous users
Coverage area (depending on room layout)	up to 100 sqm.	up to 500 sqm.
Size	Indoor Repeater: 120mm x 170mm x 64mm Outdoor antenna: 124mm x 164mm x 51mm	Indoor Repeater: 213mm x 180mm x 39mm Outdoor antenna: 124mm x 164mm x 51mm
Weight	Indoor Repeater: 1.2kg Outdoor antenna: 0.4kg	Indoor Repeater: 1.68kg Outdoor antenna: 0.4kg
Package contents	• Single-channel Repeater main unit with embedded indoor antenna • Outdoor antenna unit • Power supply • Fixed type: - 12m RF antenna cable - Screw set • Portable type: - 5m antenna cable - Suction mount • User manual with warranty card	• Multi-channel repeater main unit • Outdoor SAT antenna with 50m antenna cable assembly • Outdoor GPS antenna with 50m antenna cable assembly • Indoor SAT/GPS antenna unit • 30m indoor SAT antenna cable assembly • 30m indoor GPS antenna cable assembly • AC power supply • Screw set • User manual with warranty card

External Handset Antennas

For improved satellite signal reception when used on the move (e.g. in boats or cars) or in areas at the edge of the Thuraya coverage. Simply connect the antenna cable (5m length) with your Thuraya handset and place the magnetic mounted antenna (IP66 rating) in a position with direct line of sight to the Thuraya satellite.

Specifications:

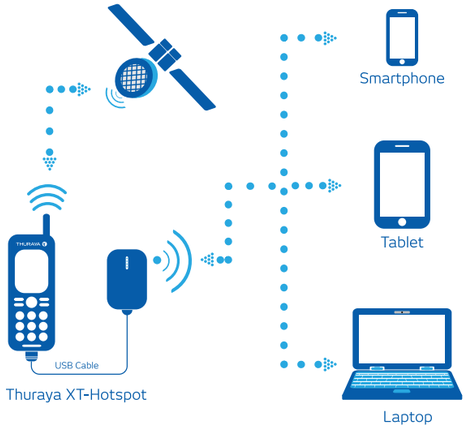
- Frequency: 1525 - 1660.5 MHz
- Impedance: 50 ohm
- Color: White (glossy)
- Diameter: 111 mm
- Mounting: Magnetic
- Height Above Roof: 36.5 mm
- Operating Temperature: -40°C to +70°C

Available for: *Thuraya XT-PRO DUAL, Thuraya XT-PRO, Thuraya XT-LITE, Thuraya SatSleeve+, Thuraya SatSleeve Hotspot, Thuraya XT*

Thuraya XT-Hotspot

Thuraya XT-Hotspot gives you the world's fastest Wi-Fi via satellite phones. It offers a plug-and-play solution, enabling easy and economical Internet access over Thuraya's mobile satellite network with fast data speeds of up to 60 kbps. The XT-Hotspot uses the GmPRS or Circuit-switched data connection of your Thuraya handset for quick and secure Internet connectivity in the remotest of locations.

Available for: *Thuraya XT-PRO DUAL, Thuraya XT-PRO, Thuraya XT*



Connect multiple wireless devices including your smartphones, laptops and tablets. It's a plug and play product without any need to install software.

Thuraya XT-Hotspot Technical Specifications

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless Signal Rates	11n: Up to 150Mbps (dynamic) 11g: Up to 54Mbps (dynamic) 11b: Up to 11Mbps (dynamic)
Frequency Range	2.4-2.4835GHz
Security	WEP, WPA-PSK/WPA2-PSK
Interface	1 10/100Mbps LAN Port USB 2.0 Port for Thuraya XT/XT-PRO Micro USB port for power supply
Power Adapter	Input: 110/220 Volt, Output: 5 Volt, 1A
Operating Temperature	15°C to 40°C
Storage Temperature	-20°C to 50°C
Operating Humidity	0% to 75%, non-condensing
Storage Humidity	0% to 75% non-condensing
Certifications	CE, FCC, RoHS

Thuraya Land Voice Accessories

Solar Chargers

Solar chargers enable you to charge your Thuraya handset using solar power if you don't have access to electricity.

Available for: *All Thuraya handsets*

Car Chargers

A car charger ensures your Thuraya phone is never out of power while you are on the move. It provides non-stop operation of your handset by charging your phone while you drive.

Available for: *All Thuraya handsets*

Spare Travel Chargers

The travel charger comes with EU/UK/AUS/CHN plugs and connects your phone to a mains socket. The exchangeable plugs allow charging in most parts of the world.

Available for: *All Thuraya handsets*

Spare Batteries

An additional battery works as a back-up for your Thuraya handset. A fully charged spare battery extends usage time in areas where you don't have access to electricity.

Available for: *All Thuraya handsets*

Thuraya Land Voice Accessories

Spare USB Data Cables

The USB data cable enables you to connect to a computer to upgrade the software of your Thuraya handset in case a new software version is released for it. With compatible handsets, it also allows you to send and receive data and faxes on your laptop/PC.

Available for: *All Thuraya handsets*

Universal Adaptor for SatSleeve

The universal adaptor is for the SatSleeve user who prefers to use the smartphone docked to the satellite unit and can hold smartphones between 58 and 85 mm of width. The universal adaptor can be used to convert a SatSleeve Hotspot into a SatSleeve+.

Available for: *Thuraya SatSleeve+, Thuraya SatSleeve Hotspot*

Hotspot Stand for SatSleeve

The hotspot stand is for the SatSleeve user who prefers to use the smartphone separated from the satellite unit. Use the hotspot stand with your SatSleeve+ to turn it into a satellite hotpsot.

Available for: *Thuraya SatSleeve+, Thuraya SatSleeve Hotspot*

Wrist strap

Attach a wrist strap for added convenience and security.

Available for: *Thuraya XT–PRO DUAL*

Thuraya Aquapac

Waterproof your Thuraya handset with a submersible Aquapac!

Available for: *Thuraya XT-PRO DUAL, Thuraya XT-PRO, Thuraya XT-LITE, Thuraya XT, Thuraya SatSleeve*