



SRT-01

Satellite Phone Indoor Amplifier Device

Inmarsat & Thuraya Phone Suitable



System Included:
Amplifier Device Main Unit
Outdoor Antenna
Indoor Antenna
10m Outdoor Antenna Cable
2m Indoor Antenna Cable
Power Adaptor
Install accessory parts
User manual

You world
outside,
brought inside

The Satellite Phone Indoor Amplifier Device is a device let your Inmarsat or Thuraya satellite phone can normally use in the room. (used in the boat, vehicle, building etc). Install this device with our special outdoor antenna and omni indoor antenna, making you keep in touch with others freely even in the room, you can call out and receive the incoming call even in the room, no need go out to search the satellite signal and wait for register, and at same time, the device can support up to 100 sets satellite phone communication at same time in the room which cover up to 120 square meters.

Principle of SRT-01



The basic principle of this device is that the outdoor antenna receives the downlink signal from the satellite (Inmarsat or Thuraya), through high selectivity band-pass filter to well isolate the passband signal, after amplifying by integrative power amplifier, then transferred by indoor antenna, meanwhile, on the way of uplink path, signal of satellite phone in the coverage area is transmitted to the satellite after disposing by uplink amplifying link path by same working mode.

For the Inmarsat and Thuraya satellite network system, downlink signal including: satellite and GPS L1 2 signal. The device has Automatic Level control (ALC) system, automatic control the gain according to the circumstance.

Features

- Keep your Satellite phone on communication status even in the room. Avoid miss coming call when you are in the room. And also you no need going outdoor for searching the satellite signal.
- The device can suitable for Inmarsat Isatphone Pro, Thuraya SO-2510, SG-2520, Thuraya XT etc models, and also BGAN Terminals.
- Keep your satellite phone can move freely, unlike Fixed Satellite phone which can't move, and also you can freely hand carry your satellite phone when need go out.

Technical Specification

Item	Specification	
Output Power Max With ALC(Automatic Level control)	19dBm	19dBm
Gain	> 62/66dB	
In/Out Impedance	50 Ω	
VSWR	< 1.1:1	
Downlink isolates degree	> 25dB	
Noise Factor	< 5.0dB	
Passband Ripple	5dB p-p	
Power Supply	DC5V , 3A	
Diminsion	220 x 125 x 30 mm	
Certificate	CE (Europe) & FCC (USA)	



BETTER PRODUCTS FOR A BETTER FUTURE



SUITABLE DEVICES



inmarsat
Isatphone Pro



HUGHES
Hughes 9201
Hughes 9202



inmarsat
SG-2520
SO-2510
Thuraya XT



Matutec
SRT-01



wideye™
Sabre 1



Thrane & Thrane
Mini M
Explorer 300
Explorer 500
Explorer 700



NERA
WorldPro 1000
WorldPro 1010



BETTER PRODUCTS FOR A BETTER FUTURE