



SPTT100

A Smart Innovative Communication Solution Ahead Of It's Time !



Introducing SMART PTT'S first GSM/SIM CARD Mobile/Base Network Radio.

This is a new sleek and rugged design that's has the best quality in audio that leaves all other Vehicle or Base Radios Redundant.

The SPTT100 radio has a SIM CARD insert at the back of the radios as well as a GPS

Tracking CHIP. This allows for communication over long distances as well as being able to track the radios live position's up to 1 metre while using the dispatch software. It also has voice recording and GPS position recording. Which allows you to go back any time of day , month or year to get information. The SPTT100 Network Radio also comes with an LED Screen allowing the radio to show who is calling (Identity Call) and private calling. Because the units utilises a SIM CARD'S it has the best long distance communication range than any other Radio communication that is currently on the market

The SPTT100 Network Radio would be best to use in Fleet Management where the radio is fixed in a Vehicle or Used as a Fixed Base Radio where the radio is not meant to be moved. Areas that best suit this would be:

Logistics (Transport) , Armed reaction Vehicles , Ambulances , Government Vehicles , Patrol Vehicles (Security) and Earth Moving Equipment.

The best Option for Fleet Fixed Mounted long range communication at low data Rates of 250mb data bundle. R60 per radio per Month !





SPTT100

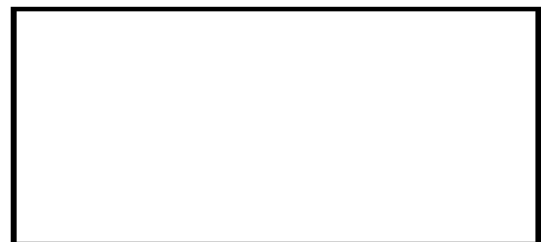
Technical Specification

General	
Frequency Range	GSM900 TX / RX: 890~909/935MHz GSM900 TX / RX: 909~915/954~960MHz GSM1800 TX / RX: 1745~1755/1840~1850MHz 3G FDD TX / RX: 1940~1955/2130~2145MHz
Operation Mode	Simplex or Semi-duplex
Power Supply	DC7.2~8.4V
Dimension	133X62X41.5mm
Weight	310G
Operating Current Range	Standby: 5mA @-75dBm Resting: 5mA @-75dBm Average: 120mA @-75dBm Max: 780mA @-104dBm
RX Sensitivity	-106dBm
MAX.TX Power	23~26dBm
Environmental	Operating Temperature: -20°C~45°C Storage Temperature: -40°C~70°C

Parameter	
Receiver Type	56-Aisle u-blox 7 Engine GPS/QZSS L1 C/A, GLONASS L1 FDMA SBAS: WAAS, EGNOS, MSAS
Max	up to 10Hz
Update Rate	
Accuracy	GPS GLONASS
Locating	2.5m CEP 4.0m
SBAS	2.5m CEP N.A.

Capturing	
Cold Boot	20S 30S
Weight	5S N.A.
Accuracy	1S 1S
Sensitivity	
Tracking	-161dBm -158dBm
Cold Boot	-148dBm -140dBm
Warm Boot	-148dBm -145dBm
Assist-GPS	AssistNow Online AssistNow Offline AssistNow Autonomous OMA SUPL & 3GPP
Oscillator	Built-in (MAX-7Q/7W) ,Normal (MAX-7C)
RTC Crystal	Built-in (MAX-7Q/7W) Current Backup (MAX/7C)
Anti-Interference	Active CW Detecting and Clearing
Memorizer	Onboard ROM
Antenna Support	Active and Passive
Voltage Class	
Power Consumption	16.5 mA @ 3V (Continuous Mode) 4.5 mA @ 3V (Saving Mode, 1 Hz)
Backup Power	1.4V~3.6V

*Specifications subject to change without notice. All specifications shown are typical. Radio meets applicable regulatory requirements.



Dealer Stamp:



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