

SRC3300 Covert Range

- Low profile and light body worn radio
- No Human Machine Interface (HMI)
- Standard and specialist accessory support
- Integral sGPS™
- Tamper proof E2E encryption



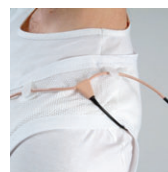
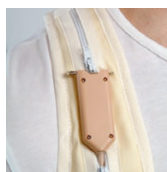
SRC3300 Covert Range - Specialist TETRA Covert radios, also available with integrated sGPS™

The SRC3300 and SRC3300 sGPS™ Covert radios are based on the market leading Sepura 3000 series platform. They are innovative specialist radios designed specifically to meet the needs of covert operations.

With security becoming an increasingly important issue it is not unusual to find specialist users engaging in a wide variety of covert operations. These could include, for example, police forces, border security, anti-terrorist squads, military and other government agencies. The SRC3300 and SRC3300 sGPS™ are controlled by a small remote control unit. It provides PTT, talk group select, tone generation, repeater mode selection and emergency alarm.

The SRC3300 range has been designed to enhance security by including tamper proof security processors and a smart card connector. E2E encryption can be implemented by a software upgrade. An additional security feature is a configurable soft key that can be used to delete sensitive information within the terminal.

The SRC3300 sGPS™ also features a fully integrated award winning GPS receiver. This means that 'clear sight of sky' signals from GPS satellites are no longer essential and the sGPS™ receiver is able to provide accurate positioning in more situations than previously possible. Personal safety is paramount in specialist operations. Knowing where personnel are located means that, when an emergency arises, additional resources can be dispatched directly to their location.



sepura

TDS 349 SRC3300 DTS - ENGLISH - MAY07

SRC3300 Covert Range

Key Features

- Common Sepura functionality and programming tools
- Controlled by a small remote control unit
- Full range of specialist covert accessories available
- Single soft key function as only HMI on the terminal
- Tone signalling
- Standard intelligent battery packs
- Internally fitted, high performing, sGPST™ module (SRC3300 sGPST™)
- Seamless change to and from DMO when selecting a talk group
- Location information can be requested by a Command & Control centre

TECHNICAL DATA



Weight

- Radio without battery: 102g
- With Standard battery pack: 173g
- With High Capacity battery pack: 206g

Dimensions

- Height: 130mm
- Width: 58mm
- Depth: 22mm

Frequency Bands

- 300 - 344MHz¹
- 350 - 372MHz¹
- 380 - 430MHz
- 440 - 473MHz
- 806/825 paired with 851/870MHz

GPS Receiver (SRC3300 sGPST™)

- Fully Integrated sGPST™ receiver
- -182dBW (-152dBm) acquisition sensitivity
- -185dBW (-155dBm) tracking sensitivity

Security

- E2E Architecture with tamper protection
- Fully integrated hardware solution, enabled via software upgrade
- Integral SIM connector

Power

- 1W RF Power (customisable)
- Adaptive Power Control supported
- RF power control in 3 steps of 5dB

Receiver (Class A)

- -112dBm static sensitivity
- -103dBm dynamic sensitivity

Environmental

- Dust & Water protection to IEC529 IP54
- ETS 300 019 Drop & Vibration
- Storage Temp -30 to +70°C
- Operating Temp -20 to +60°C

Power Supply

- 7.4V (nominal) Lithium Ion Intelligent Battery packs –
1130mAh Standard Pack
1850mAh High Capacity Pack

Voice Services Supported

- Half Duplex Calls (Individual and Group)
- Priority Call
- Emergency Call (Pre-emptive Priority Call)

Data Services

- Status Messaging

Repeater Services

- Repeats DMO voice and tone signalling on selected talk group
- Repeats SDS and Status messaging on selected talk group
- ETSI Type 1A DMO Repeater for channel efficient operation
- Transmission of Repeater Presence signal
- Priority Call

- Emergency Call (Pre-emptive Priority Call)
- Supports E2E Encrypted DMO traffic
- Monitoring of and participation in calls whilst in Repeater mode
- Configurable Repeater power levels

Note: Repeater services are an option enabled by a feature license code

Other Functions and Features

- Support for 2000 Talkgroups, with any combination of TMO or DMO groups
- Talkgroups managed using folders
- Fixed and User Definable Talkgroup Scan Lists
- Dynamic Group Number Assignment including lifetime timers
- Late Entry
- Authentication – Mutual and SwMI initiated
- Air Interface Encryption TEA1¹, TEA2, TEA3¹ and TEA4¹ supported
- Transmit Inhibit (TXI)
- DMO Group and Emergency Calls
- DMO Gateway Interoperability supported

¹Further information available on request