

# SRP3000 Handportable



## Unique Features

- Display inversion and large text mode for ease of viewing across all menu levels
- Hi-resolution colour screen, 128 x 128 pixels and 65000 colours, supporting display of maps and photographs
- End to End encryption is fully integrated requiring only a software upgrade to activate
- Multi-lingual user interface: European languages plus Cyrillic, Chinese and Korean

## SRP3000 Handportable The world's most advanced TETRA handportable

### Designed for the future

The SRP3000 has been designed to protect users' investment and lead them into the future of TETRA communications. Its large resolution screen adds colour to a User Interface (UI) already recognised for its ease of use. E2E encryption has been addressed with a hardware enabled platform. A faster processor and enhanced memory will ensure that all future communication and data protocols are supported.

### Built for the user

In order to address the particular needs of users working in the TETRA environment the SRP3000 not only fulfils their requirements, but significantly improves their effectiveness through its advanced technology. The SRP3000 has been built to improve user safety, usability and user efficiency; over and above the advanced features of the SRP2000 handportable.

#### *User safety*

Ultra-sensitive and fully-integrated GPS will give location information even in some buildings. The emergency button allows for hands free transmit and receive, crucial in many instances. A lockable connector is used to attach accessories; these cannot be detached accidentally or maliciously, thus preventing loss of contact or vital information. The lone worker alert has been improved with the addition of new tones and the ability to send a GPS position if the alert is not answered.

#### *Improved usability*

Large text mode has a new font that can be used throughout the menu structure. Coupled with backlight on incoming calls, the text is more visible when in a car, in conditions of bad visibility, or in normal use. Enhanced audio has decreased background noise and increased volume. Full navigation in calls opens a new way for the user to interact with the terminal during a call. Users can write and send text, change groups and access the full menu structure.

#### *User efficiency*

Fast, single-handed battery change, the quickest and simplest on the market today, can save countless down time in critical situations. After replacing the battery, users are brought back to the same place in the menu. Fast group select, using predefined soft keys, allows users to change groups with one key press. Sepura's fast access menu structure gives TETRA users access to the most used functions with the minimum of keystrokes.

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## Key Features

- Optional internally fitted, high performing, Low Signal Strength GPS module complete with internal GPS antenna
- Audio Boost – giving further improvements to loudness and clarity of received audio
- Common Sepura User Interface
- Real time clock providing Time and Date display and message time stamping
- Large, normal and inverted text modes across all menu levels
- Fast access to Volume Talk Group and Status functions using Navi-knob™
- Configurable Soft Key functions
- Dual microphone and speaker design optimised for both radio and telephone style calls
- Fully configurable emergency call behaviour including live microphone and status messaging options
- Single key activation for up to 12 pre-configurable status codes
- Fast change intelligent battery packs
- Fully customisable using the Sepura Radio Manager

# SRP3000

## TETRA Handportable

### Technical Data

#### Accessories

A comprehensive range of accessories is available including GSM style, Public Safety, Covert and Firearms Users.

- Rapid Personal Charger
- Dual Pocket Desktop Charger supporting the radio plus standalone battery
- Multi-way Charger supporting 12 or 24 standalone batteries
- Rapid Car Charger
- Carrying Aids including cases, lanyards, carry straps and belt clips
- Audio Aids including Remote Speaker Microphone, Ear hangers and Hands free kit
- Compressed Helical, Extended Helical, 1/4 Wave Whip and Covert Wire Antenna options
- Car Kit allowing 'in vehicle hands free use' plus connection to an external antenna, loudspeaker, microphone, data terminal and power to charge the battery
- Sepura Radio Manager for programming
- RS232 Universal Data and Programming Cable

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#### GPS Receiver

- Fully Integrated Low Signal Strength receiver
- -182dBW (-152dBm) acquisition sensitivity
- -185dBW (-155dBm) tracking sensitivity

#### Security

- End 2 End Architecture is further improved
- Fully integrated hardware solution, enabled via software upgrade
- Integral SIM connector

#### Weight

- Radio without battery: 143g
- With Standard battery pack: 214g
- With High Capacity battery pack: 247g

#### Dimensions

- Height: 130mm
- Width: 58mm
- Depth: 30mm

#### Frequency Bands

- 300 - 344MHz<sup>1</sup>
- 350 - 372MHz<sup>1</sup>
- 368.5 - 400MHz
- 400 - 433MHz
- 440 - 473MHz
- 806/825 paired with 851/870MHz<sup>1</sup>

#### 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 -40°C to +85°C
- Operating Temp -20°C to +60°C

#### Power Supply

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

#### Voice Services Supported

- Full Duplex Calls (to MS and PABX/PSTN)
- Half Duplex Calls (Individual and Group)
- Priority Call
- Emergency Call (Pre-emptive Priority Call)
- Talking Party Identity
- Calling Line Identity Presentation
- DTMF Dialling

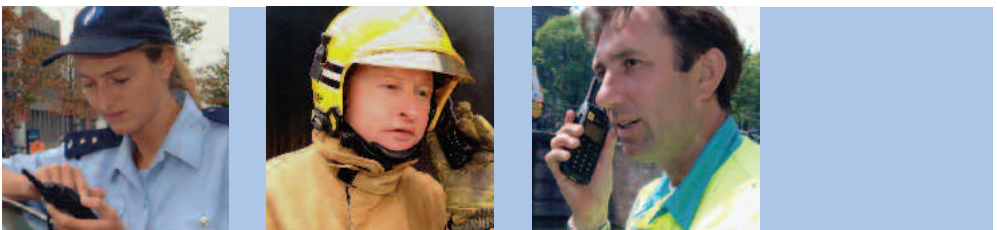
#### Data Services

- Status Messaging
- Short Data Service Messaging
- Circuit Switched Data Calls
- Packet Data
- Text Message Data Store

#### Other functions and features

- Support for 2000 Talkgroups, with any combination of TMO or DMO groups. Easily managed via Talkgroup folders
- Fixed and User Definable Talkgroup Scan Lists
- Dynamic Group Number Assignment including lifetime timers
- Telephone and Radio user Address Book
- Call History
- Late Entry
- Authentication – Mutual and SwMI initiated
- Air Interface Encryption TEA1, TEA2 supported
- Transmit Inhibit (TXI) with on/off Status messaging
- DMO Group and Emergency Calls
- DMO Gateway Interoperability supported
- ETSI compliant PEI port

<sup>1</sup> Consult a Sepura representative



Sepura's policy is to continually improve its products and services. The features and facilities described in this document should be used for indicative purposes only and are subject to change without notice.