

SRP2000 USER GUIDE



The SRP2000 requires the following components in order to operate.

- 1 x SRP2000 Handportable
- 1 x Battery
- 1 x Frequency tuned antenna

The following components may also have been supplied.

- 1 x User Guide (this document)
- 1 x Lanyard
- 1 x Fixing Stud Kit

Contents

Contents	2
Getting Started	4
Fitting and Removing the Battery	4
Battery Charging	4
Operating the SRP2000	5
Switching On/Off	5
Welcome Screen	5
Volume Control	6
Navigation of Menus	6
Making Calls	7
Talk-Group Selection	8
Receiving Calls	9
Status Messages	9
Sending an SDS Text Message	10
Receiving a Status or SDS Text Message	10
Soft Key Functions	11
Emergency Button Operation	11
Call Failure	11
Fallback Indication	12
Direct Mode Operation	12
Subject Menus	13
Radio Settings 	13
Call History 	14
Network Selection 	15
User Defined Scan Lists 	15
Message Store 	16
Inbox 	17
Phone Book 	17
Short Cuts	19
Security	20
PIN Entry	20
Temporary Disable	20
Health and Safety	21
Caring for your SRP2000	21
Battery Safety	21

Battery Disposal.....	21
Acoustic Shock	21
Antenna	22
Transmit Inhibit 	22
Radiation Protection	22
Electro Magnetic Compatibility	22
Type Approval.....	22
Accessories	23
Glossary	24
Tables of Icons.....	25
Main Menu Icons	25
Status Line Icons	26
Soft Key Options.....	27

Getting Started

Before unpacking and using your SRP2000 please read all sections of this User Guide, and in particular pay special attention to the section on Health and Safety.

Fitting and Removing the Battery

To fit, unpack the battery and slot it into the rear of the SRP2000. Push the battery down until the catch clips into the bottom of the SRP2000. The battery is fully secure when this catch has clipped into position. To remove, push the catch upward towards the top of the SRP2000. The pack will unclip and can then be removed.

Battery Charging

The SRP2000 battery should only be charged with Sepura Limited approved battery chargers. Failure to use an approved battery charger will invalidate the warranty of the battery and the SRP2000.

A range of battery chargers is available that allow the battery to be charged while fitted to, or removed from, the SRP2000 (depending upon the charger model selected). When the battery is fitted, the SRP2000 accepts the battery charger via the facility connector on the bottom of the SRP2000. If the battery is charged with the SRP2000 switched on, the SRP2000 displays the time remaining to charge the battery to its full capacity.

The colour of the LED on the SRP2000 indicates the progress of battery charging: orange shows charging in progress, green shows charging complete, red shows charging failure. A fully discharged battery may not provide enough power to support the SRP2000 display during the initial phases of charging. However, when sufficient power is available, the display will operate.

Periodic full discharge of the SRP2000 battery is required to re-calibrate the internal battery gauge. If this is not done, the time to charge indicated during charging may become less accurate.

Note: The SRP2000 battery includes circuitry to protect against damage caused by accidental shorting of the contacts. Once the battery has protected itself, it will not operate again until it has been removed from the SRP2000 and charged.

Operating the SRP2000

Operational note— To ensure optimal performance from your SRP2000 during half-duplex calls (individual or group) please hold the SRP2000 vertically, with the half-duplex microphone situated approximately 5cm away from the mouth.

Display note – Icons on the SRP2000 display can be customised. The icons shown on your SRP2000 may differ from those shown in this User Guide.

Switching On/Off

To turn the SRP2000 on

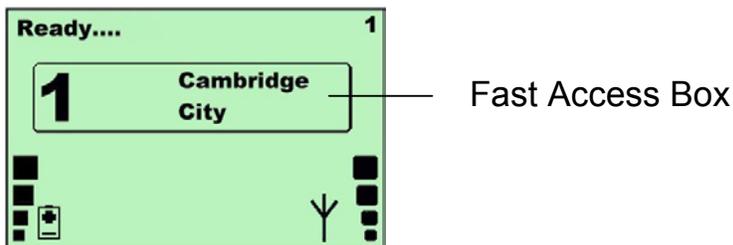
Press the *mode* button. The LED confirms the SRP2000 has been switched on by flashing green.

To turn the SRP2000 off

Press and hold the *mode* button for a period of 4 seconds. After the first second, a text prompt is displayed. After 4 seconds, a further text prompt 'Switching off' may be displayed whilst the SRP2000 disconnects from the network. The *mode* button can now be released and the SRP2000 will turn off after a short time.

The SRP2000 should always be turned off before the battery is removed. Do not disconnect the battery whilst the SRP2000 is still turned on, as this will prevent the call history (see section on **Call History**, page 14) and any configuration changes that may have been made, from being saved.

Welcome Screen



The SRP2000 may be customised to request the entry of a PIN when it is switched on (see section on **PIN Entry**, page 20). After the SRP2000 has registered, a screen similar to the one above is displayed. The Fast Access Box displays the selected talk-group.

Volume Control

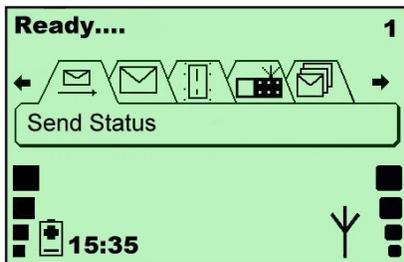
The *navi-knob* on the top of the SRP2000 is a continuous rotating knob that normally adjusts the volume. During adjustment, a vertical bar graph on the left-hand side of the display indicates the volume level.

The *navi-knob* does not adjust the volume setting during talk-group selection (see section on **Talk-Group Selection**, page 8) or status message selection (see section on **Status Message Selection**, page 9).

Navigation of Menus

The SRP2000 menu structure is designed to be simple and intuitive. It has three levels.

- The first level is the Welcome Screen (see section on **Welcome Screen**, page 5)
- The second level is the **Subject Selection Screen**, which allows the user to choose the **Subject Menu** to access.



- The third level is the **Subject Menu** (see section on **Subject Menu**, page 13)

The navigation keys immediately below the display may be used to navigate through the menus. The *up/down arrow* keys are used to move between the three levels; the *left/right arrow* keys are used to move between options at the same level. Quick access to individual displays within the menu structure may also be customised (see sections on **Soft Keys Functions**, page 11, and **Short Cuts**, page 19).

Making Calls

Both duplex and half-duplex calls are supported by the SRP2000.

Duplex calls are telephone type calls in which both parties can talk simultaneously.

Half-duplex calls are walkie-talkie type calls in which only one party can talk (transmit) at any time.

Making Duplex Calls

Duplex calls are individual calls between a radio user and another party using the TETRA Network. This party can be another radio user, a control room dispatcher or a telephone subscriber connected via a PSTN/PABX gateway.

To make a duplex call, dial the number of the other party or use the navigation keys to select the number from the **Phone Book** (see section on **Phone Book**, page 17), select the correct dialling mode and press the *green telephone* key. This action causes the SRP2000 to signal to the called party. The call is not connected until the called party answers the call.

To select the correct dialling mode, use the *up/down arrow* keys to swap between the radio and telephone dialling modes while entering the number. Typically, for a call to another radio user a radio icon  is shown; for a call to a telephone subscriber, a telephone handset icon  is shown.

During duplex calls, the microphone at the base of the SRP2000 and the Duplex Earpiece on the front of the SRP2000 are active, allowing the SRP2000 to be held like a telephone handset.

The LED is illuminated green throughout the call.

To end a call, press the *red telephone* key. The *PTT* key is not used in this type of call.

Making Half-duplex Calls

Half-duplex calls are made to individual radio users or a group of users (commonly known as a talk-group).

To make a half-duplex call to a talk-group, press the *PTT* key when the SRP2000 is idle. The call is made to the selected talk-group (see section on **Talk-Group Selection**, page 8).

To make a half-duplex call to an individual, dial the number as for a duplex call, see above, but press the *PTT* key instead of the *green telephone* key to start the call.

During the call, the microphone at the top of the SRP2000 is active and all received audio is routed to the loudspeaker at the rear of the SRP2000. To transmit, press the *PTT* key down before starting to speak and hold it down while speaking. When you have finished speaking, release the *PTT* key and another party involved in the call can then press the *PTT* key on their radio and speak.

When transmitting, the LED is illuminated red, when receiving (i.e. another party is talking) the LED is illuminated orange and at call clear down, the LED is illuminated green.

To end an individual half-duplex call, press the *red telephone* key. A group half-duplex call will time out.

Talk-Group Selection

When a talk-group is selected, the user becomes a member of that talk-group, and receives any calls made to that group.

Press the *mode* button briefly once to select a talk-group, or view the available talk-groups. The talk-group selection box is displayed. Rotate the *navi-knob* to scroll through the list of talk-groups, or select one directly by entering its number from the keypad. Press the *PTT* key or allow the display to time out to select the talk-group shown in the box. Press the *red telephone* key before the time out occurs to prevent the talk-group shown from being selected.

The selected talk-group is shown in the Fast Access Box (see section on **Welcome Screen**, page 5).

Receiving Calls

Receiving a duplex call

The SRP2000 produces a telephone style ring tone if an incoming duplex call request is received. Press the *green telephone* key to answer the call; press the *red telephone* key to reject it.

Receiving a half-duplex call from a talk-group

No action is required by the user to answer a half-duplex call from a talk-group as the SRP2000 automatically answers the call request.

To participate in the call, wait for a pause in the speech then press and hold the *PTT* key and speak clearly into the microphone at the top of the SRP2000.

If you do not want to participate in the group call, press the *red telephone* key at any time during the call. However on some networks you may be called back into a group call by the late entry signalling (if operating).

Receiving a half-duplex call from an individual party

The SRP2000 produces a half-duplex call ring tone. Press the *PTT* key to accept the call.

Status Messages

A Status Message is a short pre-defined message that is uniquely identified by a number, the status code.

Status Message Selection

If your SRP2000 has pre-defined status messages, a message may be selected to send from the **Send Status** menu or from the status message selection box. To select a message from the status message selection box, press the *mode* key briefly twice to display the status message selection box and rotate the *navi-knob* to scroll through the list of status messages. To leave the status message selection box without sending a status message, press the *red telephone* key or wait until the time out occurs.

Sending a Status Message

Press the *PTT* key to send the status message to a talk-group, or the *green telephone* key to send it to an individual or dispatcher.

The status message is sent to either the currently selected group, the pre-defined destination customised in the SRP2000, or the user-defined destination (see section on **Radio Settings**, page 13). It may also be possible to send status messages using some of the soft keys if these have been customised.

Sending an SDS Text Message

Use the message template in the **Message Store** to write an SDS text message.

From the main screen, press the *down arrow* key and use the *left/right arrow* keys to navigate to the **Message Store**. Press and hold the *down arrow* key to start editing the message text. While editing, the keypad keys are used to write the message and the navigation keys to move the cursor or delete characters. The new SDS message must be stored in the **Message Store** using the *green telephone* key before it can be sent.

Press the *red telephone* key to leave the editing process without creating a message.

Receiving a Status or SDS Text Message

When a status or text message is received from another user, the SRP2000 emits an audible alert and shows an envelope icon  on the display. This tells the user that there is an unread message waiting in the **Inbox**. The card number of the unread message is displayed next to the envelope icon .

Navigate to the **Inbox** to view the message (see section on **Inbox**, page 17).

When a status message is received, the SRP2000 displays the text associated with this number in the **Inbox**. If there is no text programmed in the receiving SRP2000 for this number, then the number is displayed.

Soft Key Functions

The SRP2000 supports a number of functions which can be customised to be accessed quickly via soft keys (see section on **Soft Key Options**, page 27). All 12 keys of the SRP2000 keypad (1 – 9, *, 0, #) can be customised as soft keys by the programming software. Press and hold the key for 1 second to activate the soft key function. A low frequency beep is heard after this time has elapsed.

The 0 key is typically customised as a shortcut to a help file in the **Radio Settings** menu which displays the list of functions that have been customised for each of the 12 soft keys. Typical functions programmed into the other soft keys are Transmit Inhibit, Display Inversion Toggle, Direct/Trunked Mode Toggle, Quick Status.

Emergency Button Operation

The SRP2000 has a dedicated and uniquely identifiable *emergency* button on the top of the SRP2000 that can be used to make an emergency call if an emergency arises. To avoid accidental operation of this feature, the *emergency* button must be held down for a customised period before it operates (usually 2 seconds). When the *emergency* button is pressed, depending on customisation, an emergency status message is automatically sent to an individual, the dispatcher or the currently selected group, and/or an emergency speech call is set up to one or more users.

The use of live microphone during an emergency call, where the SRP2000 alternately transmits and receives without the user needing to press a key, is also customised by the programming software.

Call Failure

If the network is unable to connect your call, for example if the called party is busy, unreachable or disallowed, the SRP2000 emits an audible alert and shows text to indicate the reason.

Fallback Indication

If a base station loses communication with the rest of the network, then any radios using this base station continue to operate, but with a reduced service. Entry to and exit from **Fallback** mode are indicated by an audible alert and a customisable text message. In **Fallback** mode, the antenna icon  flashes on the SRP2000 **Welcome** and **Subject Selection** screens, and the LED rapidly flashes orange at approximately three second intervals. The extent of the reduction in service in **Fallback** mode depends on the network.

Direct Mode Operation

The SRP2000 may be used to communicate directly with other TETRA radios without the use of a network. This is called **Direct Mode** Operation. DMO is selected either by using a soft key (depending on customisation) or by activating a card in the **Radio Settings** menu. The SRP2000 leaves the network and tunes to the selected DMO talk-group. DMO talk-groups are selected in the same way as normal talk-groups (see section on **Talk-Group Selection**, page 8).

DMO supports half-duplex group calls and *emergency* button initiated calls. It does not support duplex calls. Calls using the *emergency* button can only be configured as pre-emptive emergency calls to the current DMO talk-group selected on the SRP2000.

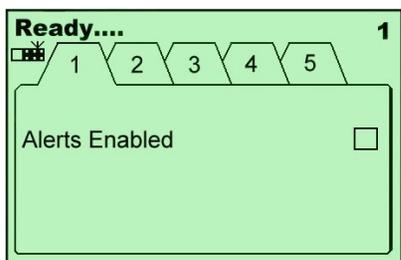
Note: Switching to **Direct Mode Operation** means communications to the dispatcher and other users on the network are not possible, unless operating on the same group, or through a DMO gateway.

When a DMO gateway is detected by the SRP2000, a gateway icon  is displayed, and group calls can be made via this gateway to Trunked Mode Operation radios. Similarly, DMO range can be extended by using a repeater. If a repeater is detected, the repeater icon  is displayed.

Subject Menus

Radio Settings

The **Radio Settings** menu is used to configure various SRP2000 functions. To enable settings, press the *green telephone* key, and to disable, press the *red telephone* key. When a setting is enabled an X appears in the check box next to the feature.



The settings are configurable and can include:

Alerts— allows all audible alerts to be de-activated. This is usually used in conjunction with covert mode, if no covert accessories are attached.

Backlight— disables the display and keypad backlight to extend battery life.

Status Destination— allows the default destination address for status messages sent using the *green telephone* key to be changed. The destination address may be that of either a group or an individual.

Covert— automatically reduces the loudspeaker volume, increases the sensitivity of the microphone allowing 'whisper' operation, and disables the backlight and LED. The covert mode icon  is displayed. This is commonly used with the alerts disabled or with covert accessories.

Direct Mode— switches the SRP2000 between Trunked Mode Operation and Direct Mode Operation.

Lone Worker— the lone worker icon  is displayed, and the SRP2000 periodically emits an audible alert. When you hear the alert, press any key on the front of the SRP2000. If a key is not pressed, the SRP2000 automatically sends an emergency status message.

Transmit Inhibit— this feature inhibits all transmissions from the SRP2000, unless the SRP2000 has been customised to continue to support *emergency* button calls (see section on **Transmit Inhibit**, page 22).

Scanning On— allows scanning to be enabled or disabled (see section on **User Defined Scan Lists**, page 15).

PIN Change— allows the user to change the PIN required to switch on the SRP2000. Press and hold the *down arrow* key to change the PIN. The user is asked to enter the old PIN, the new PIN and to confirm the new PIN before the change is made. During the PIN change sequence if no keys are pressed for a period, allowing the SRP2000 to return to the Welcome Screen, the PIN is not changed.

Soft Key Help—displays which soft keys have been customised in the SRP2000. Generally, the 0 key on the keypad is customised as a soft key to access this function.

Call History



The **Call History** menu allows the user to recall recent incoming and/or outgoing individual calls, depending on customisation. When viewing the call history the display shows:

- an icon indicating whether the call was incoming  or outgoing 
- the number and dialling mode of the other party
- the calling party name (only if this is stored in the **Phone Book**).

Calling the Destination Party

To call a party in the call history:

- press the *PTT* key to start an individual half-duplex call or
- press the *green telephone* key to start a telephone type duplex call

while viewing the entry.

The contents of the **Call History** menu are saved when the SRP2000 is switched off.

Network Selection



The **Change Network** menu allows the SRP2000 to be used on other networks when the user moves into their coverage area. If the SRP2000 is customised so that different radio networks can be selected, a network selection icon  is shown in the menu tabs. To operate only on a particular network, select the check box for that network. To instruct the SRP2000 to select the local network automatically, select the **Automatic** check box. (N.B. pressing the *red telephone* key does not deselect a network.)

User Defined Scan Lists



The **User Defined Scan Lists** menu allows many talk-groups to be monitored at once, and hence calls to be automatically received from any of these groups. If the SRP2000 is customised so that scan lists can be viewed and/or edited, a UDSL icon  is shown in the menu tabs. To monitor the groups in a scan list, select its talk-group number (see section on **Talk-Group Selection**, page 8).

Up to ten lists may be customised, each containing up to ten talk-groups. Editing of some (or all) of these scan lists is set by customisation.

Press and hold the *down arrow* key to edit a list. An arrow appears to the left of the list entries allowing the user to scroll down the list.

Press the *red telephone* key to remove a talk-group from the list. Press the *left* and *right arrow* keys to alter the talk-group priority. To add a new talk-group to the list, press the *mode* button and use the *navi-knob* to select the required talk-group. Press the *PTT* key to add the talk-group to the list. Press the *green telephone* key to save the changes and return to the **User Defined Scan List** menu. Press and hold the *red telephone* key to return to the **User Defined Scan List** menu without saving the changes.

Priority Group Scanning (PGS) uses the assigned priority of each of the talk-groups in the scan list. The priorities can be low, medium or high, indicated by customisable letters typically 'L', 'N' and 'H' respectively, and enable an ongoing call to be interrupted by a call from another talk-group in the list that has a higher priority. Note that PGS is not supported by all networks.

One of the talk-groups in the list is allocated as the selected group (i.e. the group to which the user wishes to make calls). Scroll to the required entry and press the *PTT* key to change the selected talk-group. The selected talk-group is indicated by a customisable letter, typically 'S', next to the priority level.

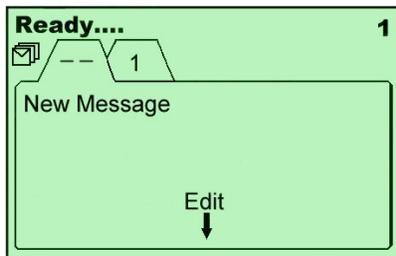
Message Store

The **Message Store** menu is used to permanently store received text messages (see section on **Inbox**, page 17). Messages stored in the **Message Store** are saved when the SRP2000 is turned off.

Deleting a message

Press and hold the *red telephone* key for a short period while the message is displayed.

Creating a message

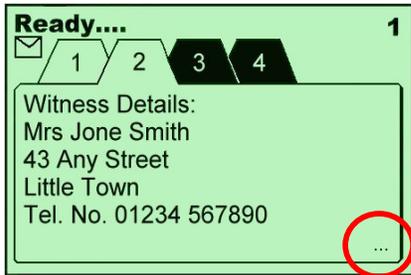


A new text message template is available in the **Message Store** menu for users to define their own text messages via the keypad. Press and hold the *down arrow* key to start editing the message

text. While editing, the keypad keys are used to write the message and the navigation keys to move the cursor or delete characters. After the text message has been written by the user, it can be stored in the **Message Store** and sent to a destination.

Inbox

The **Inbox** menu is used to temporarily store received text or status messages. It displays the most recent message received first. All messages in the **Inbox** are lost when the SRP2000 is switched off.



The “...” in the circled corner indicates the message is too long to display on one screen. Use the *down arrow* key to see the next part of the message. The inverse video tabs indicate unread messages.

Storing a message

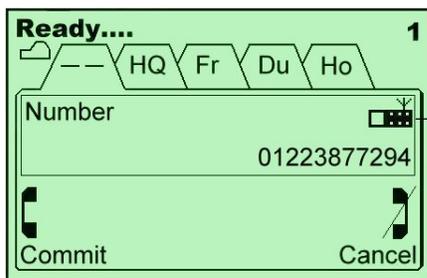
Press and hold the *down arrow* key whilst the message is displayed. The message is transferred to the **Message Store**. This prevents the loss of the message on switch-off.

Deleting a message

Press and hold the *red telephone* key for a short period while the message is displayed.

Phone Book

The **Phone Book** menu is used for storing numbers. The sort order of the entries may be switched between alphanumeric and numeric by pressing the '#' key.



Dial Mode Icon

Calling a phone book number

To call a number in the phone book, press either the *green telephone* key for telephone type calls or the *PTT* key for half-duplex calls. Before dialling, note the dial mode icon displayed in the box. This indicates a TETRA network (radio)  or a PABX\PSTN (telephone)  call. The call to the selected number is made using the dialling mode shown.

Changing a phone book entry

Editing of phone book entries is set by customisation. If enabled, press and hold the *down arrow* key to enter edit mode. The name is edited first using the keypad or the *up/down arrow* keys to enter text. Press the *green telephone* key to confirm the text is correct. The number can then be edited using the keypad. Use the *green telephone* key to save the entry in the **Phone Book**. If you make an error when editing the text or the number, press the *left arrow* key to delete the previous character. Whilst editing the number, press the *up/down arrow* keys to switch the dialling mode assigned to that number. Press the *red telephone* key at any time to cancel the changes.

Entering a new phone book entry

To enter a new **Phone Book** entry, move to the new entry template in the **Phone Book** list. Press and hold the *down arrow* key and enter the text and number in the same way as **Changing a phone book entry** above.

Deleting a phone book entry

Press and hold the *red telephone* key for a short period while the entry is displayed.

Short Cuts

Menu Tab access: Press the *down arrow* key from the main menu to display the last menu tab accessed. Enter a number from the keypad to display the menu tab associated with that number.

Talk-group selection: Press the *mode* button once, then select a talk-group by using either the *navi-knob* or entering the talk-group number from the keypad.

Status Message selection: Press the *mode* button twice then select a status message using the *navi-knob*.

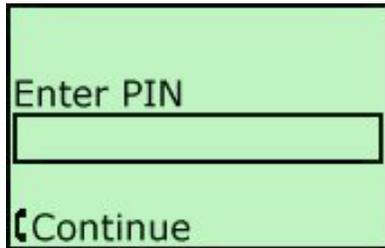
Phone Book access: Press the *right arrow* key from the Welcome Screen to display the **Phone Book** (for viewing only).

Phone Book entry access: If the **Phone Book** is displayed in alphabetical order, press the first letter of the required name on the alphanumeric keypad to move to the first entry beginning with that letter.

Calling the most recent Call History menu destination: Press the *green telephone* key once to display the most recent **Call History** menu entry, then press either the *PTT* key or the *green telephone* key again to set up the call.

Security

PIN Entry



Enter PIN

Continue

If this feature has been customised, a prompt asking the user to enter their PIN is displayed immediately after switch on. The correct code (which may be up to four digits) has to be entered in order to gain access to the SRP2000. If the wrong PIN is entered three times, further retries are not permitted, and a 'reset' PIN (up to eight digits) has to be entered before the SRP2000 can be used. After this reset PIN has been entered, the user PIN is restored to its default value if PIN Change is customised (see section on **Radio Settings**, page 13). Both the reset PIN and the default user PIN may be obtained from your Terminal Service Provider or your Communications Manager.

Temporary Disable

If the SRP2000 is temporarily disabled by the network, it displays the PIN Entry screen. The 'reset' PIN must be entered correctly to allow the SRP2000 to be used. The reset PIN may be obtained from your Terminal Service Provider or your Communications Manager.

Health and Safety

Caring for your SRP2000

Use only a slightly damp soft cloth for cleaning all exterior surfaces. Do NOT use chemical aerosol or abrasive cleaners.

To ensure efficient operation, clean the battery contacts periodically with a soft, dry cloth.

Never leave the SRP2000 in extreme temperatures (over 55°C), for example behind glass in very hot, direct sunlight.

Battery Safety

Please observe the following before handling batteries:

To prevent injury, do not allow metal objects to contact or short circuit the battery terminals.

Make sure that the battery terminals do not become dirty.

Do not immerse in water or incinerate.

If you need to replace the battery, use the Sepura Limited approved battery types for the SRP2000.

Battery Disposal

Batteries must be disposed of in the correct manner according to Sepura environmental policy. If in any doubt, refer to your supplier or local Sepura Limited representative.

Acoustic Shock

Sepura Limited has engineered an innovative audio solution for the SRP2000. Duplex audio (for telephone type calls) and the half-duplex audio (for radio calls) are directed to different loudspeakers.

Duplex audio is routed to the low power Duplex Earpiece on the front of the SRP2000. A more powerful loudspeaker, situated on the rear of the SRP2000, is used for half-duplex audio. This loudspeaker directs the loud audio away from a user's ear should the user accidentally answer a half-duplex call as though it were a duplex call.

WARNING: Hold the SRP2000 close to the ear when making, or receiving, duplex calls only.

Antenna

When fitting the antenna, do not over-tighten. Do not use the SRP2000 without the antenna attached.

Transmit Inhibit

The SRP2000 can be switched into **Transmit Inhibit** should the user enter a RF sensitive area (e.g. a hospital). This mode is indicated by the LED rapidly flashing orange at approximately three second intervals and the display of the transmit inhibit icon . In this state the SRP2000 does not transmit under any circumstances in either TMO or DMO, except when using the *emergency* button if customised to do so. The SRP2000 remains on the selected group and in some circumstances can still receive conversations from this talk-group.

The SRP2000 automatically sends a status message to the customised destination when the SRP2000 enters **Transmit Inhibit**, and again when it leaves **Transmit Inhibit**.

If you have a requirement to use the *emergency* button whilst in **Transmit Inhibit**, the time to set up the emergency call could be increased by a few seconds.

Radiation Protection

The SRP2000 fully complies with the NRPB specification EN50361 and the ICNIRP guidelines for exposure to electromagnetic fields mandated for mobile phones (2W per kg over a 10g sample).

Electro Magnetic Compatibility

The SRP2000 meets the EMC requirements specified by the ETSI specification ETSI EN 301 489-18.

Type Approval

The SRP2000 has been self-certified to RTTE Directive EN 303 035-1 and CE marked to 1999/05/EC.

Accessories

Only accessories supplied or approved by Sepura Limited are recommended for use with the SRP2000. Any accessory used that is not supplied or approved by Sepura Limited could cause damage to the SRP2000 and may invalidate the SRP2000 warranty. For safety reasons Sepura Limited do not recommend that accessories be used with this SRP2000 without first gaining approval from Sepura Limited to do so. When the accessory socket is not used, please ensure the rubber plug is in place to maintain environmental protection.

Glossary

DMO	Direct Mode Operation
ETSI	European Telecommunications Standards Institute
LED	Light Emitting Diode
NRPB	National Radiological Protection Board
PABX	Public Automatic Branch Exchange
PGS	Priority Group Scanning
PIN	Personal Identification Number
PSTN	Public Switched Telephone Network
PTT	Press To Talk
RF	Radio Frequency
SDS	Short Data Services
TETRA	Terrestrial Trunked Radio
TMO	Trunked Mode Operation
UDSL	User Defined Scan Lists
Duplex	Duplex calls are telephone type calls in which both parties can talk simultaneously.
Half-duplex	Half-duplex calls are when only one party can talk (transmit) at any time.
DMO Gateway	A device which allows users working in direct mode to communicate with users in trunked mode. (This is often used to extend the working range of a radio)
Navi-knob	A continuous rotating knob on the top of the SRP2000 that is used for talk-group and status message selection, as well as controlling the volume.
Talk-group	A pre-defined group of users.

Tables of Icons

Main Menu Icons

Phone Book	
Status	
Inbox	
Call History	
Radio Settings	
Message Store	
Network Selection	
User Defined Scan Lists	

Status Line Icons

Repeater	
Gateway	
Tx Inhibit	
Scanning	
Locked Group	
External Alert	
Keypad Lock	
No Encryption	
Covert	
Low Battery	
Lone Worker	

Soft Key Options

Function	Description (not in a call)
Last Call Redial	Dials the last dialled destination
Covert Mode	Selects/deselects Covert Mode
Alert Enable	Switches audible alerts on or off
Covert Mode and Alert Enable	Selects/deselects Covert Mode and audible alerts
Keypad Lock	Locks/unlocks the keypad
Clear All	Displays the Welcome Screen
Trunked/Direct Mode	Switches between TMO and DMO
Select Dialling Mode	Cycles through the dial modes
External Alert On / Off	Selects/deselects the External Alert
Navigate to card	Displays the customised menu card. Up to 4 may be customised
Home Group Select	Selects the Home talk-group
Display Inversion Toggle	Switches display orientation
Private/Public	Switches between Private and Public modes when the SRP2000 is in the Car Kit.
Scanning On / Off	Switches scanning of talk-groups on or off
Quick Status Message	Sends a customised status message. Up to 2 may be customised



1999/05/EC

Sepura Limited
Radio House
St Andrew's Road
Cambridge
CB4 1GR
England
Tel +44 (0) 1223 876000
Fax +44 (0) 1223 879000
www.sepura.co.uk

© Sepura Limited 2003

SDS-00127 rev3 V4.2
(Sepura Documentation System)