

RES.Q Operating instructions

1. Introduction

Congratulations on choosing the new Swissphone RES.Q terminal. The features of the RES.Q provide an optimal combination of user-friendly design, simple operation and superior quality components. The RES.Q is equipped with a receiver for digital alerting messages, a GSM module and, as option, a GPS module. Operation of the device is simple and is carried out with the aid of three keys and a graphic display.



The RES.Q can be configured according to user needs; therefore it is possible that some functions described in these short operating instructions are not available on your terminal. These instructions provide important information on the optimum use of the device. Please ensure that they are always at hand.

We wish you great success with your RES.Q.

2. First steps

Inserting the SIM card

Ensure that the RES.Q has been configured with the PIN number corresponding to the SIM card. Otherwise we recommend that you first configure the PIN before inserting the SIM card using the configuration software or contact your service centre. Insert the SIM card in its correct place on the rear side of the device behind the battery.

Inserting the rechargeable battery

Insert the battery on the rear side of the RES.Q and ensure that it clicks in fully at the top and bottom. The RES.Q is switched on automatically as soon as the battery has been correctly inserted. More information on power supply can be found in the section "Charging the Battery/Power supply".

Switching on

Press and hold one of the three keys until the initial image appears on the display. After switching on, the device is in the standby mode.

3. Functions of the keys and navigation

Opening the user menu

Press the OK key to enter the user menu. Use the UP and DOWN keys to navigate within the menu. Press the OK key to confirm the menu selection or the modified setting. Every engagement of a key activates the display's background lighting.

Cancelling key lock (when activated)

To cancel the key lock function, press the UP and DOWN navigation keys simultaneously.



Returning to the main display

To return to the main display from any sub-menu press the top navigation key UP for approximately 3 seconds. When no key has been operated for a pre-set time out, the RES.Q returns automatically to the main display.

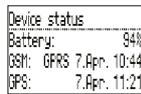
Start-Up display

To return to the initial display from the main display press and hold the UP navigation key.

Device status

In the main display mode, by pressing and holding the lower navigation key DOWN the following information appears on the display:

- Percentage charge of battery
- Date/time and type (GPRS or SMS) of the last GSM communication
- Date/time of the last GPS localisation i.e. position fix



4. Display

The main display is divided into 4 areas:

- 1st line: Status
- 2nd line: Profile
- 3rd line: Information: tips, warnings, error messages
- 4th line: Date, alarm, time



Status line displays

The following symbols can be displayed in the status line:

Alert Mode		Loud alert
		Quiet alert
		Discreet alert
		Alerting silent
Field strength		No reception of POCSAG signal
Key lock		Key lock active
GSM status		GSM module is setting up communication
		Continuous Data transfer from GSM module
		GSM module off: energy save mode or faulty signal
		GSM Disabled
GPS status		GPS module searching for a satellite
		Continuous GPS module calculating position
		GPS module: energy save mode/faulty
Battery condition		Battery fully charged, ¾, ½, ¼
		Charge battery

Profile line display

The currently selected profile is displayed.

Information line display

Display of information hints, warnings, error messages. When a communication error occurs the error number (Exx) is displayed in the device status display.

Date/time

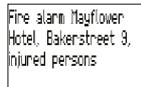
The date and time are displayed here. Also whether the alarm clock is active is shown.

Alarm		Alarm clock active
		Alarm clock in snooze mode

5. Processing messages

Receiving and reading new messages

As soon as your receiver picks up a message you are alerted by an audible signal, the device vibrates and the display background is illuminated. Press-



ing the OK key stops the alerting signal. You can scroll down to the end of the message using either the OK key or the lower navigation DOWN key.

The message is stored in "Read messages" memory. New messages which have not been read are shown in the main display with the information "New message!". In order for the messages to be marked as read, the key lock must be deactivated.

Transmitting a user confirmation

After a message has been read for the first time, by pressing the OK key the device switches to a selection menu. Here you can attach a user confirmation to the message. Using the navigation keys UP and DOWN select the desired message (e.g. "On my way" or "Be there in 20 min.") and confirm the selection by pressing the OK key.

The user confirmation is transmitted via the GSM feedback channel to the command and control centre where it is processed and evaluated.

When "Quit" is selected the user confirmation is not transmitted. You are informed of this by the text "M. Not Confirmed".

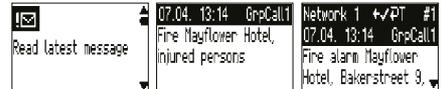
After a pre-defined delay it is no longer possible to transmit a user confirmation.

Call reminder

If your device has been configured with the call reminder feature, you will again be reminded – after a pre-set time – if there are unread messages available (see section "Alerting options"). The call reminder function is deactivated as soon as all messages have been read.

Read the last message received

The last received message can be displayed at any time by simply pressing the OK key. The message header lists when the message was received and the RIC name ("Radio Identification Code") or the RIC index. The arrow pointing downwards indicates that more text follows.



The message can then be found again under "Read messages". Messages can be deleted permanently using the function "Delete message". Using the function "Delete message list" all messages in the list are deleted. Under "Protect message", the current message can be protected and transferred to the menu "Protected messages". The protection can be removed in the same way.



6. Profile

Select the menu "Profile". The RES.Q has two types of profiles: Select profile and Toggle profile. From several select profiles only one profile can be made active. On the other hand several toggle profiles can be selected in parallel. In the image to the right the select profiles "On Duty" and "Off Duty" are available. Currently the select profile "On Duty" is active. Toggle profiles can be switched on or off independently of other profiles. Toggle profiles can be identified by the box on the left of the profile names.



7. Alerting options

In the menu "Alerting" you can select the following alert options:

- **Loud** The audible signal is loud.
- **Quiet** The audible signal is quiet.
- **Discreet** The user is alerted by the display lighting and the vibrator for a 10 second period followed by the quiet audible alerting signal sounding just once.
- **Silent** The user is alerted by the display lighting and the vibrator for a 10 second period. The device remains completely silent and key operation clicks cannot be heard.

The vibration can be switched on and off separately in the "Vibration" menu.

8. Settings

Your RES.Q can be set to meet your individual needs (The menu contents depends greatly on the device's configuration).

- **Message type-face** Select one of the available type-faces.
- **Alerting melody** Select the address (RIC). After confirming with the OK key, the desired melody can be selected using the UP and DOWN keys.
- **Call reminder** Select the call reminder: flashing and/or periodic beep.
- **Date and time** Enter the date by pressing the navigation keys. When the correct digit is displayed, confirm by pressing the OK key.
- **Contrast** The display has 8 contrast settings 1 (bright) to 8 (dark).
- **Key click** The key click function can be switched on and off.
- **Key vibration** The end of every menu is signalled by a short vibration. This function can be switched on and off.
- **Confirmation tone** The tone signalling the acceptance of a change can be switched on and off.
- **Key lock** Automatic enabling of the key lock can be switched on and off.
- **Detailed status** Display of the battery level, status of the last GSM communication and the time of the last GPS position.
- **Display lighting** The automatic background lighting of the display can be switched on and off.
- **Field strength alarm** The audible warning signal of the field strength alarm can be switched on and off.

9. Switch-on lock

If your RES.Q has been configured with a switch-on lock, you will be requested to enter a PIN code every time you switch the device on. To enter the code press the UP and DOWN keys until the correct digit is displayed and confirm this by pressing the OK key. The device will permanently lock when a false code has been entered 10 times.

10. Alarm clock function

Set the alarm clock

Select the menu "Alarm clock". Use the UP and DOWN keys to switch the alarm on or off. Enter the desired time by pressing the navigation keys several times. Press the OK key to continue to the next position.



Acknowledge alarm clock

As soon as the alarm sounds the following choices are displayed: "Snooze" or "Stop".

Selecting "Stop" silences the alarm signal, but the alarm remains active and will sound the next day at the same time. Selecting "Snooze" silences the alarm, but sounds again 5 minutes later. An active snooze function is indicated by the corresponding symbol in the main display.



Alarm clock function when device switched off

If the alarm function is switched on and the device is switched off, at the set alert time the RES.Q is automatically switched on and the alarm will sound.

11. Emergency call function

SOS emergency call

You can transmit an emergency call by pressing and holding down the OK key. After 2 seconds the pre-alarm timer begins to count down. During this pre-alarm period, the OK key must remain pressed until the timer has counted down to zero and the message "Emergency call triggered" appears in the display.

During approximately 20 seconds the emergency alarm is transmitted to the command and control centre. As soon as the transmission has been completed the message "Emergency call sent" is shown in the display.

If you release the OK key during the pre-alarm period the emergency call procedure is aborted.

An emergency call can be triggered when the key lock is activated.

Repeat position finding

As soon as an emergency call has been transmitted, the last calculated position of the device is immediately transmitted to the station receiving the emergency call. Subsequently the RES.Q tries again to determine its current position (repeat position finding). The search procedure is indicated in the display by the flashing GPS symbol.

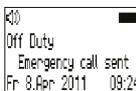
Emergency call log

In the RES.Q call log, emergency calls and also test emergency calls are listed. These can be viewed in the menu point "Emergency call log". The following information is listed

- the type of incident
- the transmission quality
- the date and time of the incident

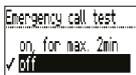
Siren

As soon as an emergency call has been transmitted, an alarm siren in the device is activated. This is to signal persons who are in the vicinity of the accident so that local help can also be given. To return to the menu press the OK key and the siren can be switched off.



Emergency call test

Using the RES.Q you can simulate an emergency call in order to check that it definitely arrives at the station to which it has been transmitted. For this you have to activate "Emergency call test". The text "Emergency call test" appears in the start display. Then trigger a manual or an automatic test emergency call. As soon as the call has been transmitted or at the latest after 2 minutes the RES.Q returns to the normal mode.



12. Position finding (RES.Q with GPS module)

The RES.Q is equipped with an integrated GPS module. To ensure the longest possible operation time of the terminal, the GPS module is only switched on periodically. If, in addition, the built-in motion detector determines that no movement has taken place, the GPS module is not activated. This means that the position is only updated when the device has actually moved during the pre-set period. As soon as the RES.Q is moved again after a certain period, the GPS module switches on and updates the position.

Position finding with A-GPS support

If the function A-GPS is activated, the GPS module is supplied with current satellite support data which it receives via a GSM link to a A-GPS server or distributed via various POCSAG messages. It is therefore possible that the GSM symbol lights without any external influence.

Important information

If the upper surface of the RES.Q is covered, for instance, by a hand or the device is pressed against the body, the received GPS signal is considerably attenuated i.e. weakened reception.

13. Charging the battery/power supply

The power for the RES.Q is provided by a chargeable lithium polymer battery. We recommend that you use exclusively lithium polymer batteries supplied by Swissphone. The battery in the RES.Q can be recharged using a mains power device. The charger is connected to a socket at the rear of the device. Various charger models are available from Swissphone. A charging cycle lasts approximately 2 hours.

Important tips

- Ensure that the lithium polymer battery is not subjected to high temperatures.
- Do not try to take apart a lithium polymer battery.
- Never short circuit a lithium polymer battery.
- Lithium-Polymer batteries have a service life of 300 to 500 charge/discharge cycles.
- For safety reasons use exclusively original chargers from Swissphone's accessories.

Inserting the chargeable battery

Insert the battery in the rear side of the RES.Q and ensure that it clicks fully in at the top and the bottom.

14. Miscellaneous

Further information can be found on Swissphone's website under: <http://www.swissphone.com>.

Safety information

- This product may not be operated in explosion-endangered environments.
- Do not open the device.
- Do not remove any labels.
- Keep out of reach of children.

Exclusion of liability

Swissphone assumes no responsibility and provides no guarantee in connection with the contents of this document. The operating instructions for the RES.Q are subject to change.

Manufacturer

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The device meets the provisions of the European directive RED 2014/53/EU (=Radio Equipment Directive).

You can request a copy of the declaration of conformity from info@swissphone.com.