

User manual

SWISSPHONE TRIO DE955
Terminal for occupational
safety and receiving alarm
messages



SWISSPHONE

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Foreword

Congratulations on your new receiver. By purchasing the new SWISSPHONE TRIO DE955 you have chosen a top class device which wins people over by an optimum combination of an attractive design, the simplest possible operation and the highest quality.

These operating instructions provide you with important information about how to get the best from your device. Please keep these instructions handy in order to consult them if need be.

The SWISSPHONE TRIO DE955 can be configured to meet the customer's own requirements. It can therefore be that functions described in these operating instructions are not available on your device.

We hope you enjoy reading through these instructions and have much pleasure when using the SWISSPHONE TRIO DE955.



Special indication of additional useful functions



Warning/Important information



Important information

- **This product should not be used in an environment where there is the risk of explosions.**
- **This device should not be opened and the labelling should not be removed.**

**The device complies with the regulations of the R&TTE European Directive (99/05/EU).
You will find a copy of the certificate of conformity on our website www.swissphone.com.**

Putting the device into service

Supply of electric current

The SWISSPHONE TRIO DE955 is supplied by a lithium polymer rechargeable battery. Use only genuine Swissphone lithium polymer rechargeable batteries.

The SWISSPHONE TRIO DE955 can be charged using the mains adapter which is attached to the bottom of the battery charger which is supplied as part of this package. Alternatively there are various other charging devices available.

For safety reasons only use genuine charging devices from the Swissphone range of accessories!



Important information

- **Do not expose lithium polymer rechargeable batteries to high temperatures.**
- **Do not destroy lithium polymer rechargeable batteries.**
- **Do not short circuit lithium polymer rechargeable batteries.**

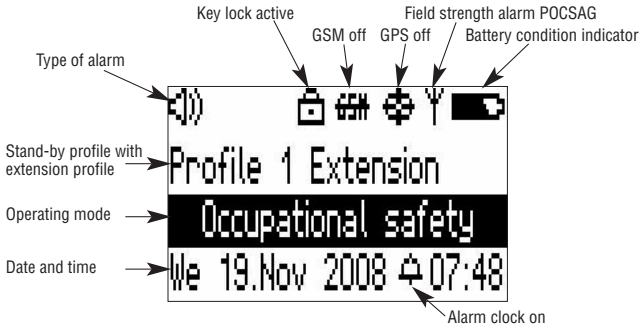
Inserting the battery

Insert the battery in the rear side of the SWISSPHONE TRIO DE955 and make sure that it has clicked completely into place at both the top end and the bottom end.

Switching on automatically

After the batteries have been installed the SWISSPHONE TRIO DE955 switches itself on automatically.

Display













Field strength indicator

Should the receiver remain outside the reception area for any length of time then the field strength indicator becomes visible on the display. This function requires that messages are sent at regular intervals.

Status symbols

The following symbols can be shown from left to right in the display when the device is in stand-by mode:

	Type of alarm: <i>Loud</i> ; see section on <i>Alarms</i>
	Type of alarm: <i>Discrete</i> ; see section on <i>Alarms</i>
	Type of alarm: <i>Mute/vibration</i> ; see section on <i>Alarms</i>
	No audible alarm: see section on <i>Alarms</i>
	The alarm clock function is switched on (or delayed); see <i>Alarm clock</i>
	Key lock is activated; see section on <i>Key lock</i>
	Feedback channel switched off; see section on <i>Settings</i>
	Position finder switched off; see section on <i>Settings</i>
	Field strength alarm; outside POCSAG reception area
	Battery condition indicator: see section on <i>Battery condition indicator</i>

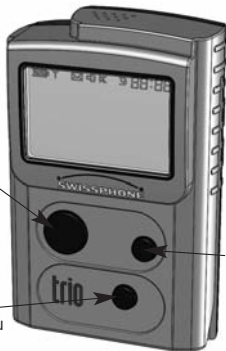
Keys

Confirmation key <OK>

- SOS-Button
- Read messages
- Occupational safety
Abort emergency calls
- Confirm alerts
- Response to alerts
- Confirm alarm clock
- Confirm menu selection
- Switch on by pressing for a long time

Lower scroll key <bottom>

- Scroll down through the menu
- Change settings
- Display of status information in stand-by mode



Top scroll key <top>

- Scroll upwards through the menu
- Change settings
- Return to stand-by mode by pressing for a long time
- Display of user information in stand-by mode

Key lock function

The key lock function prevents the unintentional pressing of the keys by mistake. It is activated automatically after a predetermined time if the key lock function is switched on. This can be switched on or off by means of the menu function *Settings*.

To deactivate the key lock function

The key lock function can be deactivated by pressing the top scroll key <top> and the lower scroll key <bottom> at the same time and then letting go of the keys.



To send an emergency call or abort an emergency call inspite of the key lock function

The SOS-Button keeps its functionality even the key lock is activated.
An emergency call can be aborted even the key lock is activated.

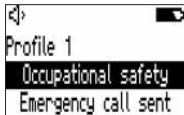
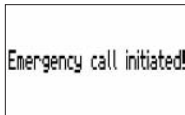
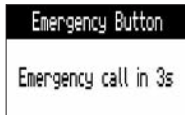
To read the last message inspite of the key lock function

The last (read or unread) message can also be read even the key lock is activated. It can however not be designated as read when the key lock is activated.

SOS-Button

By continuing pushing the *confirmation key* <OK>, an emergency call will be sent out. After two seconds the pre-alarming timer starts the count down. During the count down the *confirmation key* <OK> must hold pressed until the timer arrives at zero and on the display *Emergency call initiated!* appears.

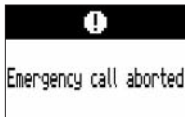
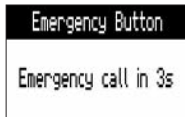
During the next approx. 20 seconds the emergency call is sent out to the control centre. After finishing the transmission the display shows *Emergency call sent*.



Emergency call inspite of the key lock function

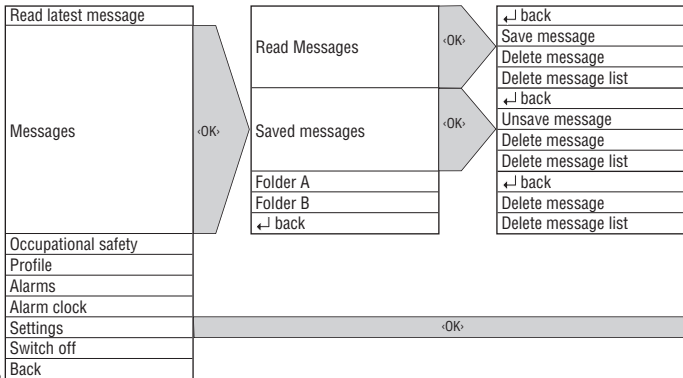
An emergency call can be sent out even the key lock is active.

In case the *confirmation* key <OK> will be released during the count down the emergency call will be aborted. The display shows *Emergency call aborted*.



Menu structure

The main menu is opened from the stand-by menu using the *confirmation key* <OK>. It can contain the following menu items and submenus:



Date and time
Contrast
Backlight
Message font
Language
Melodies
Call reminder
Out of range alarm
Key click
Confirmation tone
Key vibration
Key lock
GPS
GSM
EA-monitor
↩ back

Menu

To switch to the main menu in stand-by mode press the *confirmation key* <OK>. The first item to appear on the menu is generally *Read latest message*. The main menu can be scrolled upwards or downwards by pressing on the lower <bottom> and upper <top> scroll keys. By repeatedly pressing on the *confirmation key* <OK> a selection of items on the menu is obtained or else there is a change to the submenu that has been selected.



The current menu can be exited in each case by means of the menu item Back.

Directly switching back to the stand-by mode

To directly switch back to the stand-by mode press the upper scroll key <top> for a long time.

Customised menu structure

Individual menu items within the menu structure can be different or can not be shown at all depending on the configuration and programming of your SWISSPHONE TRIO DE955.

Occupational safety

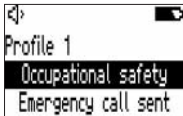
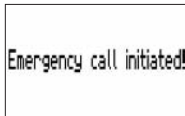
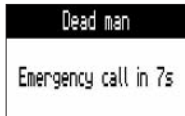
The operating mode *Occupational safety* can be activated or deactivated in the menu.

If *Occupational safety* is activated the function *Deadman-Detection* and *Accident-Detection* are activated, too.

Deadman-Detection

If the terminal is for approx. 30 seconds in horizontal position without any movement it starts a pre-alarm with a count down timer. Without any reaction of the user during the count down an emergency call will be sent out and on the display *Emergency call initiated!* appears

During the next approx. 20 seconds the emergency call is sent out to the control centre. After finishing the transmission the display shows *Emergency call sent*.

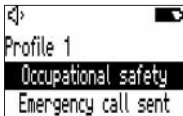
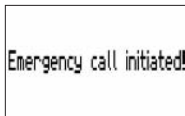
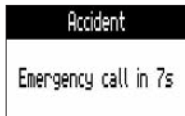


In case the *confirmation key* <OK> is pressed during the count down the emergency call will be aborted. The display shows *Emergency call aborted*. The emergency call can be aborted even the key lock is active.

Accident-Detection


If the terminal falls down of approx. 80 cm, it starts a pre-alarm with a count down timer. Without any reaction of the user during the count down an emergency call will be sent out and on the display *Emergency call initiated!* appears.

During the next approx. 20 seconds the emergency call is sent out to the control centre. After finishing the transmission the display shows *Emergency call sent*.



In case the *confirmation key* <OK> is pressed during the count down the emergency call will be aborted. The display shows *Emergency call aborted*. The emergency call can be aborted even the key lock is active.

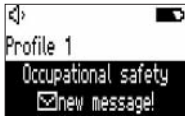
Messages

You are alerted immediately of any messages received; they are displayed and filed in the message memory. In stand-by mode new, unread messages are displayed by  *new message!*

Reading new messages

A newly received message appears immediately on the display and an alarm given which depends on the alarm setting that is in use at the time. To stop the audible alarm, press any key. With the *confirmation key* <OK> or the lower scroll key <bottom> scroll through the various items and the message will be designated as having been read.

In stand-by mode messages displayed with  *new message!* can be read by pressing on the *confirmation key* <ok>.



In order to be able to designate these messages as read the key lock function must be deactivated.

Call memory

If your device has been configured with a call memory function then you will be re-alerted of any unread calls after a predetermined time (see section *Alarm options*). The call memory function will be switched off as soon as the relevant message(s) has or have been read.

Reading, deleting and saving messages

Messages designated as read are filed in the *Messages* menu under *Read Messages*.



At the end of the message by pressing the *confirmation key* <OK>, the menu to save or delete this message will be shown. Additionally the complete message list can be deleted.

Using *Save message* the current message can be saved. As a result *Saved messages* will appear in the menu. The protection of saved messages can be removed again in the same way. The message is then to be found under *Read Messages*.

Using *Delete Message* the message will finally be deleted. *Delete message list* deletes all messages in a list of messages.

Message files

The SWISSPHONE TRIO DE955 can be provided with up to two message files depending on how it has been programmed. They can not or must not be designated as read. In addition they will not be displayed as *new message!* when the device is in stand-by mode.



Confirming messages

With the SWISSPHONE TRIO DE955 the receipt of messages can be confirmed automatically and a response sent to the message. By means of the GSM feedback channel the relevant information (e.g. *I am coming* or *I am not coming*) can be returned at once to the control centre to be evaluated.

Reading and responding to new messages

A newly received message appears at once on the display and an alarm signal is produced according to the alarm setting that is in use at the time. To stop the audible alarm, press any key. With the *confirmation key* <OK> or the lower scroll key <bottom> then you will scroll through the items and the message will be designated as having been read.

You will then have the opportunity to provide information about your participation in the forthcoming operation. To do this selection one of the possibilities which are available for selection and confirm your choice with the *confirmation key* <OK>. Choose *Abort* in order to not send a response and to not provide any feedback.



Responding at a later time to a message to which no response was initially given

If a message was read, but no response was sent, or if the response was aborted, the status report *No response to m'* appears on the display. Respond as described above. See section: *Reading and responding to new messages*.



Period of time allowed for responding to messages

The period of time allowed for responding to messages varies from organisation to organisation and is determined by the control centre. If this predetermined period of time is exceeded then no response can be made to any messages.

Localisation

By means of the integrated GPS receiver module which is integrated into the SWISSPHONE TRIO DE955 it is possible, at the same time the response is given, to an alarm to provide information to the control centre about the location of your device. Inform the responsible person in your organisation about the configuration of your SWISSPHONE TRIO DE955. If required the position finding feature in the menu item *Settings/GPS* can be deactivated.

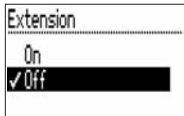
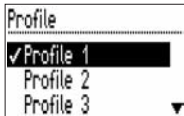
Geo alarm

The integrated GPS receiver module makes it possible using the SWISSPHONE TRIO DE955 to be provided with an alarm which is dependent on the device's position. If the SWISSPHONE TRIO DE955 is located within a defined geographical area it will receive alarm messages as usual. If the SWISSPHONE TRIO DE955 is outside this area it will not receive any alarm messages.

Profile

Initial position: stand-by mode

- Press **<OK>** and the menu item *Read latest message* will be displayed
- Choose the menu item Profile using the **<bottom>** key
- Press **<OK>** again
- Select the desired profile using **<bottom>** and **<top>**
- Activate and save the profile that has been selected using **<OK>**
- The profile extension can then be activated or deactivated as desired and confirmed using **<OK>**.



Alarms

Alarm messages can basically be divided into messages with and without a priority assigned to them. This depends on the configuration of the corresponding receiver address (RIC).

In the alarm menu the SWISSPHONE TRIO DE955 can be configured to *Loud* (loud alarm with vibration), *Discrete* (minibeep with vibrator), *Mute* (vibration only) and *Off* (visual display only).

Initial position: stand-by mode

- Press **<OK>** and the menu item *Read latest message* will be displayed
- Choose the menu item Alarms using the **<bottom>** key
- Press **<OK>** again
- Select the desired alarm setting using the **<bottom>** and **<top>** keys
- Press **<OK>** to apply the selected alarm settings



WARNING:

The device should not be brought close to your ears. The loud sound produced by the alarm could damage your hearing.



Priority messages

When the alarms are produced audibly, priority messages are produced for twice as long as normal ones. For the remaining types of alarms, the arrival of priority messages will at first be announced by means of vibration and then using both sound and vibration. The following table shows the behaviour of the alarm corresponding to the following configurations.

	Symbol	Alarm	Alarm for a priority message
Loud		 Standard signal	 Double length standard signal
Discrete		 10 seconds vibration followed by minibEEP	 10 seconds vibration followed by double length standard signal
Mute		 10 seconds vibration	 10 seconds vibration followed by double length standard signal
Off			 10 seconds vibration followed by double length standard signal

Audible alarm



Vibration



Alarm clock

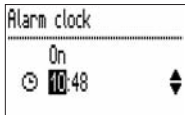
Initial position: stand-by mode

- Press **<OK>** and the menu item *Read latest message* will be displayed
- Choose the menu item *Alarm clock* using the **<bottom>** key
- Again press **<OK>**

Switching the alarm on and off and setting the time the alarm will go off

Initial position: menu item *Alarm clock*

- Press the **<bottom>** key in order to select the menu *On/Off*
- Switch to setting the time using the **<OK>** key
- Set the time using the **<top>** or **<bottom>** keys
- Save the time the alarm is to go off by pressing the **<OK>** key once more



Responding to the alarm clock

As soon as the alarm clock sounds then a selection screen will be displayed asking you to confirm or to delay the alarm. Using *Snooze* the alarm clock function is switched off for the time being, and will sound again after a certain time to wake you up again. As long as the repeat alarm function is active the alarm clock symbol flashes in the stand-by display.

Using *Stop* the alarm clock is switched off for the whole day. The alarm clock does however remain active and will wake you again at the same time the following day.



Switching on using the alarm clock

If the alarm clock is switched on and the receiver is switched off the SWISSPHONE TRIO DE955 becomes switched on at the time set for the alarm to go off and the alarm will sound.

Settings

Date and time

Setting the date and time. With the SWISSPHONE TRIO DE955 this is carried out automatically using any available GPS signal.

Contrast

Select the optimum amount of contrast for use on the display.

Backlight

The display backlight can be switched on or off. You will always be alerted of new messages with the display backlight switched on.

Message font

Choose between standard (four lines), small (five lines) or large (three lines). For each font size there is a choice between proportional font or a fixed number of characters per cell.

Language

Select one of the languages available from the menu.

Melodies

Choose one ring tone from the available examples for each subaddress.

Call reminder

Choose the type of visual and audible call reminder for individual unread messages. Choose from *Flashing with a beep*, *Beep only* and *Off*.

Out of range alarm

Activate or deactivate the audible out of range alarm.

Key click

Activate or deactivate the sound of the keys.

Confirmation tone

Activate or deactivate the confirmation sound for inputs.

Key vibration

Activate or deactivate key vibration by scrolling through the menu.

Key lock

Activate or deactivate the key lock (see *Key lock function*).

GPS

Activate or deactivate position finding. With position finding deactivated the GPS module remains switched off and your position cannot be determined.

GSM

Activate or deactivate the response to messages.

EA monitor

Activate or deactivate the express alarm monitor. This function is only activated if your system supports the express alarms.

Battery condition indicator



80% – 100%



60% – 80%



40% – 60%



20% – 40%



0% – 20%

The battery condition indicator is always visible when the device is switched on, and indicates the amount of energy available. The duration of operation can be up to around 500 hours depending on electricity supply, the network configuration and the method of operation programmed for the device.

Should the integrated rechargeable battery become flat then the empty battery symbol begins to flash; at the same time there is a sound produced at regular intervals to remind you about the battery. There is still at least 24 hours of operational service available to you. By pressing the acknowledgement key the audible battery alarm is switched off, but the empty battery symbol continues to flash.

Charging the battery

The integrated lithium polymer rechargeable battery is recharged by means of the mains adapter supplied with the battery charger located on the underside of the casing, or with some other suitable charging device supplied by Swissphone. The charging process lasts around two hours.

Switching off/switching on

Switching off

Initial position: stand-by mode

- Press <OK> and the menu item *Read latest message* will be displayed
- Choose the menu item Switch off using the <bottom> key
- Again press <OK>. The dialogue now appears *Do you want to switch off?*
- Switch the terminal off using the <OK> and <bottom> keys

Switching on

Should the SWISSPHONE TRIO DE955 be found to be switched off it can be switched on by pressing any key for a long time.

Switching on using the alarm clock

If the alarm clock is switched on and the receiver is switched off the SWISSPHONE TRIO DE955 becomes switched on at the time set for the alarm to go off and the alarm will sound.



Swissphone Telecom AG, Fälmisstrasse 21, CH-8833 Samstagern, Switzerland

Customer Service:

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