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## Mobile Phone



## Operating Instructions

PowerTel M5000



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# Safety Information

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## 1 Safety Information

Please read this operating instruction manual thoroughly.



Risk of suffocation!

Keep packaging materials and protective foils out of reach of children.

## Intended use

This telephone is designed for use when connected to a mobile phone network. Any other use is considered unintended use. Unauthorised modification or reconstruction is not permitted. Under no circumstances open the device or complete any repair work yourself.

## Areas of use

- Do **not** use the phone in prohibited areas.
- Switch the phone off in the vicinity of medical equipment (e.g. in hospitals).
- Do not use the phone in petrol stations or near fuels and chemicals.
- Inquire by the airline company whether mobile phones may be used before using the phone in aircraft.

## General information

- Prevent exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight. The phone is not waterproof; therefore, keep it dry.
- Only use original accessories and batteries. Never attempt to connect other products.
- If you want to connect the phone to another device, read the manual supplied with that device with regard to any detailed safety information. Never attempt to connect incompatible products.
- Repairs to this device may only be completed by qualified service personnel.
- All mobile communication equipment is subject to interference which may impair its performance.
- Keep the phone and accessories out of the reach of children.
- The SIM card can be removed. Caution! Small children can swallow them.
- The ringing tone is issued via the loudspeaker. Take an incoming call first and then hold the phone to your ear. This prevents any possible hearing damage.
- Only use the phone while driving or riding a transport vehicle in road traffic when using the approved hands-free equipment and appropriately positioned holders. Ensure that no safety-related functions are interfered with when

## Safety Information

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operating the phone. It is essential to observe the applicable laws and national regulations.

- Always maintain a distance of at least 15 cm to implanted heart pacemakers to prevent any possible interference. If you have had a pacemaker implanted, do not carry the phone in a breast pocket when switched on. Always hold the phone to the ear furthest away from the pacemaker during calls.

Switch the phone off immediately if you notice or suspect any adverse effects.

- This phone is hearing aid compatible. If you wear a hearing aid, however, please contact your doctor or the hearing aid manufacturer to inquire about any possible impairments through mobile communication equipment.
- Do not rely on the mobile phone as a safeguard for emergencies. For a variety of technical reasons, it is not possible to guarantee a reliable connection under all circumstances.

### Power adapter plug



**Attention:** Only use the power adapter plug supplied because other power supplies could damage the telephone. Ensure access to the power adapter plug is not obstructed by furniture or such.

## Rechargeable batteries



**Attention:** Never throw batteries into a fire. Only use batteries of the same type.

## Disposal

In order to dispose of your device, take it to a collection point provided by your local public waste authorities (e.g. recycling centre). The adjacent symbol indicates that the device must not be disposed of in normal domestic waste! According to laws on the disposal of electronic and electrical devices, owners are obliged to dispose of old **electronic and electrical devices** in a separate waste container.



**Batteries** must be disposed of at the point of sale or at the appropriate collection points provided by the public waste authorities.



**Packaging materials** must be disposed of according to local regulations.

# Preparing the Telephone

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## 2 Preparing the Telephone

### Safety information



**Attention:** It is essential to read the Safety Information in Chapter 1 before starting up.

### Checking the package contents

The package contains:

1 mobile phone	1 desktop charging unit
1 Li-ion battery	1 power adapter plug
1 headset	1 operating manual

### Barcode labels on the phone

The barcode labels contains information on the phone, such as the serial number, for example. Do not remove it.

### Passwords

This mobile phone provides the option of using passwords. After activating the passwords, unauthorised third-parties cannot access the data stored on the phone. If the option is activated, access to certain functions, e.g. the phone book, is only possible after entering the correct password.

## Preparing the Telephone

### PIN & PIN2 codes

The **PIN** (**P**ersonal **I**dentify **N**umber) and PIN2 codes are 4 to 8-digit numbers. The PIN and PIN2 codes are given to you, together with the SIM card, by your network provider.


### PUK & PUK2 codes

The **PUK** (**P**ersonal **U**nblocking **K**ey) and PUK2 codes are 4 to 8-digit numbers. These are only necessary if you enter the PIN code for the SIM card incorrectly three times in succession and the SIM card is blocked. The PUK and PUK2 codes are given to you, together with the SIM card, by your network provider.

### Switching the mobile phone off and on


You can switch the mobile phone off to save the battery.

---

3 sec. 

Switch the phone off

---

3 sec. 

Switch the phone on

# Preparing the Telephone

## Installing the SIM card



Risk of swallowing small objects!  
The SIM card can be removed.  
Small children can swallow them.



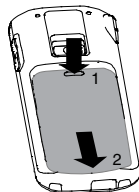
The emergency call number 112 can still be dialled even if there is no SIM card installed. The number is automatically dialled if the emergency call switch is activated!

Switch the phone off.

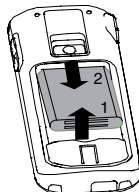


Pay attention that the SIM card is not bent or scratched. Prevent any contact with water, dirt or electrical charges.

Slide the mobile phone's battery compartment cover towards the bottom using a little force. Lift the battery compartment cover off the phone completely.

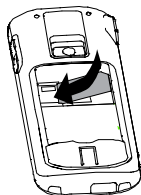


If there is already a battery inside, remove it.

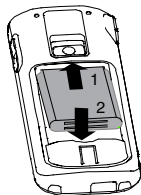


## Preparing the Telephone

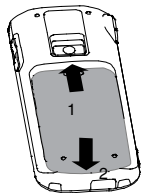
Slide the SIM card with the golden contacts facing down in the moulded SIM card holder.



Insert the battery. The golden contacts on the battery must face towards the top left. Press lightly on the bottom end on the battery until it snaps into place.



Replace the battery compartment cover back on the phone. Slider the battery compartment cover upwards until it snaps in to place.



# Preparing the Telephone

## Charging the battery



Before starting to charge the battery, check that it has been installed properly.

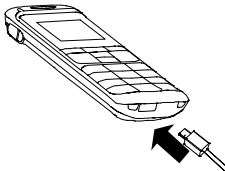
Do not remove the battery while it is being charged. This could damage the phone.



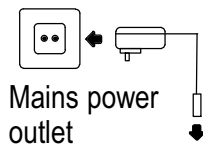
When charging the battery for the first time, it should be charged for **at least** 4 hours. Some batteries only reach their full capacity after several complete charge/discharge cycles.

## Charging via the mini USB port

Open the protective USB cover on the phone and plug the charging unit in the mini USB port.



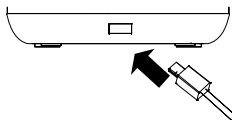
Connect the charging unit as illustrated in the diagram. For safety reasons, only use the charging unit supplied.



## Preparing the Telephone

### Charging via the desktop charging unit

Plug the connector on the adapter cable in the mini USB port on the charging unit. Insert the phone in the charging unit to charge it.



The current **battery charge status** is indicated in the display as follows:



Full



Half empty



Low



Empty



It may take a few seconds before the phone indicates the charging process. You can use the phone during the charging process.

You can also charge the phone via a PC. To do this, connect the phone to the PC using an approved mini USB cable. The charging process takes longer via the PC than when using the charging unit.



Only use the mini USB cable approved by the mobile phone manufacturer. The terms of guarantee are annulled if a different cable is used.

# Preparing the Telephone

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## Battery status warning

When the battery charge is low, a corresponding warning message appears in the display.

 Charge the battery.

In cases where the battery charge is extremely low, it is possible that the back-lighting no longer works and certain functions are no longer available.

 Charge the battery.

When the battery charge drops below the minimum status, the phone switches off automatically.

## Tips on the battery

Only use batteries, cables and charging units approved by the manufacturer, otherwise the battery could be damaged.


Do not short circuit the battery. Always leave the battery in the phone to avoid accidentally short circuiting the battery contacts.

Keep the battery contacts clean and free of dirt.

The battery can be charged/discharged hundreds of times but its service life is limited. Replace the battery when the battery power has decreased noticeably.


# Preparing the Telephone

## **Setting the display language**

Select the language required. Refer to Menu Structure;  Page 81.

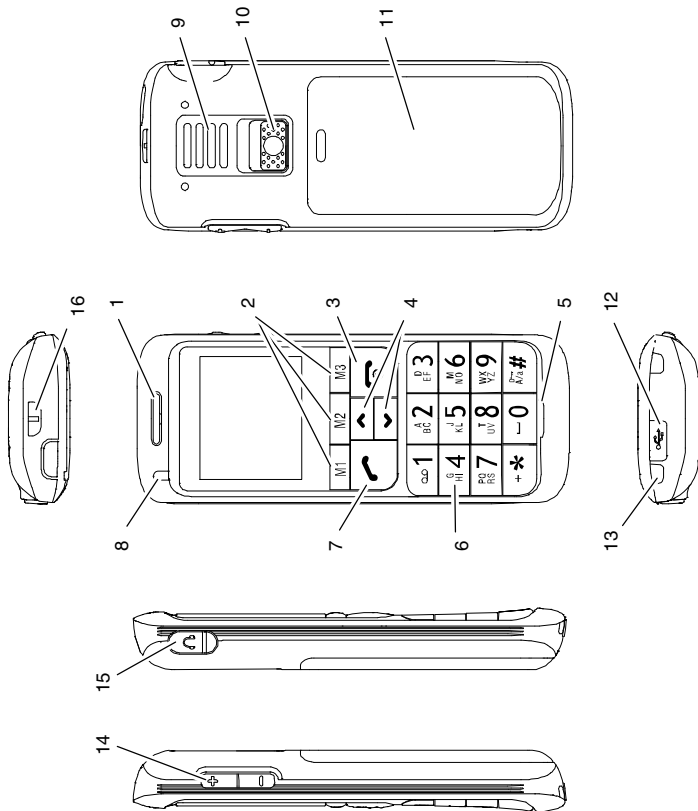
German, French and English are available for selection.

## **Setting the time and date**

Set the time and date. Refer to Menu Structure;  Page 77.

# Operating Elements

## 3 Operating Elements



## Operating Elements

- 1 Earpiece
- 2 One-touch dialling buttons / Softkeys
- 3 On/Off button / On-hook button
- 4 Scroll up/down button
- 5 Microphone
- 6 Digit keys
- 7 Call button
- 8 LED
- 9 Loudspeaker for handsfree mode
- 10 Emergency call switch
- 11 Battery compartment cover
- 12 Mini USB port with cover
- 13 Charge contacts
- 14 Volume control
- 15 Headset socket
- 16 Attachment eye for strap

The buttons in this operating manual are subsequently depicted with a uniform contour. Therefore, slight deviations in the appearance of the symbols on the mobile phone buttons compared to those depicted here are possible.

# Operating Elements

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1 Earpiece

The voice of the caller can be heard here when no headset is being worn or the handsfree equipment has not been installed, activated and the device set to Handsfree mode.

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2 **M1** **M2** **M3**

One-touch dialling buttons / Softkeys

A phone number can be assigned to each one-touch dialling button and then dialled directly by pressing and holding the respective button.

**M1** **M3** are also softkeys.









The softkeys are assigned different functions in the various menus. The current function is always indicated by a text directly above the button in the display.

---

3 

On/Off button/On-hook button  
Switch the mobile phone on and off.  
Cancel the current process.  
End or reject a call.

## Operating Elements


4		Scroll up/down buttons Navigate in the menus  Open the menu  Open the phone book
5	Microphone	Is activated during a call
6	 - 	Digit keys Enter phone numbers and names or write a text.
7	 Call button	Take a call or dial a number. Open the call list.
8	LED	Indicates the phone operating status.
9	Loudspeaker	You can hear the caller's voice from here when the phone is in Handsfree mode. The outgoing alert message is played back loud via this loudspeaker.
10		Emergency call switch Activate emergency call.
11	Battery compartment cover	Cover of the battery compartment.
12		Mini USB port with cover Connect a USB plug.

## Operating Elements


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13 Charging contacts The phone is charged via these contacts when in the charging unit.

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14  Volume control  
Regulates the volume of the caller.

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15  Headset socket  
Connect a headset.  
The earpiece, loudspeaker and microphone are deactivated. You can only hear and speak via the headset.





Only use the headset contained in the material supplied. There is no guarantee that headsets from other manufacturers will work properly. Damage to the headset or mobile phone cannot be ruled out.


16 Attachment eye Attach a wrist strap (not contained in the material supplied).

# Preliminary Information

## Buttons with special functions

Mode	Hold 	Hold 
Standby	Activate/Deactivate the “No Alert” call setting	Activate the key lock
Incoming call	Activate the “No Alert” call setting for this call only	




Hold 

A connection is established to your mailbox and you can play messages recorded;  Page 57.






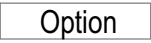



## 4 Preliminary Information

This chapter provides basic information on using the operating instruction manual and the telephone.







### Description of operating sequences in the manual

Display	Description
	Displays the contour of buttons
	Press the button depicted briefly
2 sec. 	Press the button depicted for 2 seconds














## Preliminary Information

Hold 	Press and hold down the button depicted
	Enter digits or letters
	Mobile phone rings
	Remove phone from the charging unit
	Place phone in the charging unit
	Represents text in the display
e.g. 	Indicates icons in the display
	Press the softkey;  Page 24

## Icons and texts in the handset display

Icon	Description
	Displays the battery capacity. Running-through segments, the battery is being charged.
	Signal strength of the phone connection
	Alarm1 and/or Alarm2 are activated
	A headset is connected
	The key lock function is activated;  Page 31

## Preliminary Information


	A roaming <sup>1</sup> call is in progress
	A call is currently being made
	There are new calls in the call list;  Page 49
	A new <b>SMS</b> <sup>2</sup> message has been received;  Page 51
	The microphone is deactivated (muted);  Page 31
	No call alert / silent is activated
	Ringtone only is activated
	Vibration alert only is activated
	Vibration alert is activated first, then ringing tone
	Vibration alert and ringing tone are activated

<sup>1</sup> Roaming calls: Outgoing or incoming international calls subject to special charges.

<sup>2</sup> **SMS: Short Message Service** = Service for sending text messages.

# Preliminary Information

## Standby mode

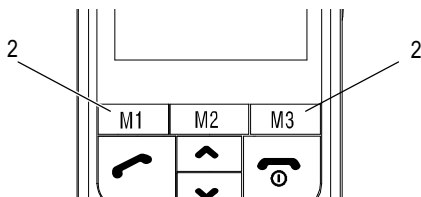
All descriptions in this operating manual assume that the mobile phone is in Standby mode. The system switches to Standby mode by pressing the  button, several times if necessary. It may be necessary to deactivate the key lock function.

## Energy-save mode



When the phone has been in Standby mode for some time, it automatically switches to energy-save mode. The display no longer lights up. Press any button to reactivate Standby mode.

## Softkeys


The softkeys **M1** (2) and **M3** (2) are assigned different functions in the different menus. The function buttons are always referred to in this manual according to the texts directly above them in the display.



















## Preliminary Information

Button	In Standby mode	In a menu
	- Open the main menu	- Various functions
	- Initiate release of the key lock function	- Various functions

### Navigating in the menu


















All the functions can be accessed via the various menus. Refer to Menu Structure,  Page 73, for information on how to access each respective function.

		Open the main menu		
	/		Select the submenu required	
		Open the submenu		
	/		Select the function required	
		Open the function		
	/			Select the setting required
		Use the digit keys to enter numbers or letters		
	(softkey)	Confirm the entries		
	(softkey)	Move one level back		
		Cancel programming and saving processes and return to Standby mode		

## Preliminary Information

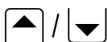
### Creating phone book entries - example

The way in which to navigate through the menus and define settings is explained by means of the example **Creating phone book entries**. Proceed as in this example for all the settings.

Menu	Open the main menu
 /  Phonebook 	Select "Phonebook" and confirm it
 /  Add New 	Select the submenu and confirm it
 /  To SIM or To Phone 	Select the memory location and confirm it
Edit   	Open Edit mode, enter the name and confirm it
 /  Home Number 	Select another menu to edit and confirm it
 	Open Edit mode, enter the number and confirm it

## Methods of Entering Data

---



Edit

Select another menu to edit and confirm it

Enter any further information regarding this name according to the procedure described. When all the necessary information has been entered,

---

Done

Ok

Conclude the phone book entry

---

Save?

Yes

or

No

Save or reject the entries

---

## 5 Methods of Entering Data

The digit keys are also labelled with letters for the entry of text.

The phone provides various methods by which text can be entered. These are used when entering or editing contacts in the phone book, when searching for names in the phone book and when writing SMS text messages.



Not every method is always available for each application.

# Methods of Entering Data

## Entering text

### Multitap

In order to enter text in Multitap mode, press the button labelled with the corresponding letter/character. If the first character of the group is required, press the button once. If the second character is required, press it twice, and so on.



To enter two characters assigned to the same button, press the button the respective number of times to enter the first character. Then wait for approx. 2 seconds and enter the second letter.

ABC

Multitap upper case


abc

Multitap lower case






123

Digits



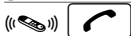
To switch between the input modes, press the  button.

### Punctuation and special characters

To access Editing mode, press the  button. Punctuation marks and special characters are displayed. Use the  /  buttons to select the required character and insert it by pressing the  softkey. To enter a space, press  button.

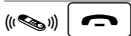
## 6 Telephoning

### Taking a call



Take the call

### Rejecting a call



Reject the call

### Ending a call



End the call

### Making a call



Enter the phone number

Clear

Delete the last digit if incorrect



Dial the phone number

### Call list

Your mobile phone stores the last numbers dialled (**redialling**), calls **received** and **missed calls** in a call list.



Open the call list



Select the entry and dial it

### Dialling numbers from the phone book

You must have already stored phone numbers in the phone book; Pages 26 and 42.



Open the phone book

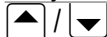


Select the entry and dial it

## Telephoning

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If you have assigned several phone numbers to the entry, select the number required.



Select the relevant number

---



Dial the number

## Quick dialling

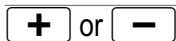
You must have already assigned phone numbers to the one-touch buttons; Page 64.

3 sec. **M1**, **M2** or **M3**

Press the one-touch dialling button

## Setting the receiver volume

The volume can be adjusted during a call.



Select the required volume

---

## Talk time display

The duration of a call is displayed during a call in hours, minutes and seconds.

## Handsfree

This function is used to listen to the caller via the loudspeaker.

**H-Free**

Activate the handsfree facility



---

**H-Held**

Deactivate the handsfree facility

## Muting the microphone in the handset

The microphone in the handset can be activated and deactivated during a telephone conversation.

Option	Open the menu
 /  Mute	
On	Deactivate the microphone (muting function activated)
Off	Activate the microphone



## Key lock

The key lock is intended to prevent functions being triggered unintentionally.

3 sec.  Activate the key lock function




Calls can still be taken in the normal way even when the key lock function is activated.

 and then  immediately after  
Deactivate the key lock function

## Deactivating the ringing melody

The ringing melody can be deactivated.

3 sec.  Deactivate the ringing melody

3 sec.  Activate the ringing melody

## Deactivating the ringing tone for the current call

 3 sec.  Deactivate the ringing melody

# Telephoning

---



The ringing tone is automatically activated for the next incoming call.

## Options during a call

---

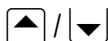
Option

Open the “Option” menu

This menu provides access to functions which can be executed during a call:

Hold

---



Hold

Ok

Put the current call on hold



When a call is put on hold, the menu option changes to “Retrieve”.

To retrieve the call put on hold

---



Retrieve

Ok

Resume the call

Handsfree

---

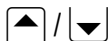


H-Free

On

Handsfree mode is activated

---



H-Free

Off

Handsfree mode is deactivated

# Telephoning

## New call



Select the function and activate it

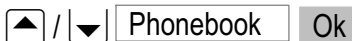


Enter the phone number and dial it



The first call is put on hold.

## Phone book



Open the phone book and use it

## SMS (text messages)



Open the menu and write/edit an SMS text.

## DTMF tones



On

Activate the DTMF tones

Off

Deactivate the DTMF tones

# Emergency Call Function

## 7 Emergency Call Function

This mobile phone is equipped with a convenient emergency call function. Up to 5 phone numbers can be entered for emergency calls. When the emergency call function is activated, the phone automatically switches to “handsfree”, an acoustic alarm is issued and information can appear in the display.



If **no** SIM card is installed and the emergency call switch is switched on, the emergency call number 112 is automatically dialed.

### Entering/Deleting emergency call numbers

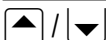
Proceed as follows to define an entry in the phone book as an emergency call number.



Each number you want to define as an emergency call number must already be stored in the phone book.

Menu

Open the main menu



Reporting Setting Ok

Open the menu



Set Help Numbers Ok




Open the menu







Help No.1 to Help No.5 Ok

Select the memory location

## Emergency Call Function


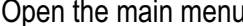
 /  From Phonebook   
Open the phone book and  
select an entry




The following functions can also be used:




 View   
 Clear 

### Sending an emergency call




You define whether an emergency call is only sent to the number entered in “Help No.1” or to all the emergency numbers entered.

 Menu 

 /  Reporting Setting   
Open the menu

 /  Set Help Numbers   
Open the menu







 /  Reach Setting   
Open the menu

 /  Reach All or Reach One Only   
Select the setting required

# Emergency Call Function






## Setting the duration of an emergency call

You set the length of time an emergency call should attempt to contact an emergency number. When the set time has expired, the next number is dialled.

Menu	Open the main menu
 /  Reporting Setting	Ok Open the menu
 /  Help call duration	Ok Open the menu
 /  Off or 1 min. to 5 min.	Ok Select the setting required

## Entering an SOS message


You can enter a text message which appears in the display when you activate an emergency call.

 This information is <b>not</b> sent as text message but appears briefly in the mobile phone display.	
Menu	Open the main menu
 /  Reporting Setting	Ok Open the menu
 /  Predefine Help Message	Ok Write/Edit an SOS message

## Emergency Call Function, Examples


### 8 Emergency Call Function, Examples

The emergency call function is explained here using two realistic examples.

 If **no** SIM card is installed and the emergency call switch is switched on, the emergency call number 112 is automatically dialed.

#### Emergency calls to an emergency call center

The number of the emergency call center must be stored in the phone book.



 It may be necessary for you to register with an emergency call center. Ask your doctor or community services for details.

Proceed as follows:



---

Menu Open the main menu


---

 /  Reporting Setting Ok  
Open the menu



---

 /  Set Help Numbers Ok  
Open the menu

---

 /  Help No.1 Ok  
Select memory location 1

---

 /  From Phonebook Ok  
Open the phone book

## Emergency Call Function, Examples

---

▲ / ▼  Ok

Select emergency call center  
and confirm it

---

Back

---

▲ / ▼ Reach Setting Ok

Open the menu

---

▲ / ▼ Reach One Only Ok

Select the setting and store it

---

Back

---

▲ / ▼ Help call duration Ok

Open the menu

---

▲ / ▼ Off Ok Select the setting and store it

---

### In the case of an emergency call:

The mobile phone dials the number of the emergency call center and switches to handsfree mode. Make the call. If the number of the emergency call center is “engaged”, up to three further attempts are automatically made to dial the number.

### Emergency call to several numbers

The required phone numbers must be stored in the phone book (relatives/friends).

Proceed as follows:

---

Menu

Open the main menu

## Emergency Call Function, Examples

▲ / ▼ Reporting Setting Ok  
Open the menu

▲ / ▼ Set Help Numbers Ok  
Open the menu

▲ / ▼ Help No.1 Ok  
Select memory location 1

▲ / ▼ From Phonebook Ok  
Open the phone book

▲ / ▼  Ok  
Select an entry and confirm it

Back

▲ / ▼ Help No.2 Ok  
Select memory location 2 etc.

▲ / ▼ From Phonebook Ok  
Open the phone book

▲ / ▼  Ok  
Select further entries and confirm them

After max. 5 emergency numbers have been dialled

Back

▲ / ▼ Reach Setting Ok  
Open the menu

## Emergency Call Function, Examples

---

 /  Reach All 

Select the setting and store it

---



 /  Help call duration 

Open the menu

---

 /  Off  Select the setting and store it

### **In the case of an emergency call:**

The mobile phone dials the 1st emergency call number and switches to handsfree mode. When a connection is made, speak to the person answering. If the phone number is “engaged” or an answering machine replies, the mobile phone automatically dials the next emergency call number (after approx. 1 - 2 minutes).



If a time has been set for the emergency call duration (1 - 5 min.), the mobile phone automatically starts to dial the next number when this period has expired. A call in progress is automatically disconnected.

# Starting/Ending the Emergency Call Function

## 9 Starting/Ending the Emergency Call Function

### Starting the emergency call

Slide the **emergency call switch** upwards. An acoustic signal is issued when the corresponding function is activated.



The mobile phone dials the assigned number and switches to handsfree mode. Complete the call. Depending on the settings selected, the number is redialled or the next number is dialled.

### Ending the emergency call

When you have finished the call or want to interrupt the emergency call, slide the emergency call switch upwards again and then press the **M1** button. Otherwise, the emergency call starts up again automatically.


## 10 Phone Book

Up to 500 entries (names with several related phone numbers) can be stored in the phone book.


- Always enter the area code with all the phone numbers.
- When the memory capacity is used up, the corresponding message appears when an attempt is made to store another entry. Before new entries can be stored, old entries must be deleted.
- The phone book entries are arranged alphabetically. To skip directly to a required phone book entry, press the corresponding first letter. To search for the entries manually, use the  /  buttons.



Your provider can state how many entries you can store on your SIM card.

- Entries which you have stored on the SIM card are identified by the  icon preceding the name.


## Entering names

The digit keys are also labelled with letters for the entry of names. Press the corresponding button the respective number of times to enter letters. Information on ways of entering text;  Page 27.

**0**

Enter a space

---

Clear	Delete
 / 	Move the cursor, to scroll



---

## Creating phone book entries



---

Menu	Open the main menu
------	--------------------



---

 / 	Phonebook	Ok	Select "Phonebook" and confirm it
---	-----------	----	-----------------------------------


---

 / 	Add New	Ok	Select the submenu and confirm it
---	---------	----	-----------------------------------



---

 / 	To SIM	or	To Phone	Ok	Select the memory location and confirm it
---	--------	----	----------	----	---


---

Edit		Ok	Open Edit mode, enter the name and confirm it
------	---	----	---



---

 / 	Home Number	Select the next menu
---	-------------	----------------------

---

Edit		Ok	Open Edit mode, enter the number and confirm it
------	---	----	---

---

 / 		Ok / Edit	Select another menu to edit and confirm it
---	--	-----------	--

---

Complete any further information regarding this name according to the procedure described. When

## Phone Book

---

all the necessary information has been entered:

Done

Conclude the phone book entry

---

Save?

Yes

or

No

Save or reject the entries

---

## Saving in Standby mode

---



Enter the phone number

---

Save

Open the menu

---



To SIM

or

To Phone

Ok

Select the memory location and confirm it

---

Edit



Ok

Open Edit mode, enter the name and confirm it

---



Edit

Select another menu to edit and confirm it

---

Complete any further information regarding this name according to the procedure described. When all the necessary information has been entered:

---

Done

Conclude the phone book entry

---

Save?

Yes

or





No

Save or reject the entries

---

## Modifying, editing, deleting phone book entries

---

Menu	Open the main menu
 /  Phonebook	Ok Select "Phonebook" and confirm it
 /  Search	Ok Select the submenu and confirm it

---

Search for the required entry as described at the beginning of this chapter.

---

Option	Open the menu
--------	---------------

---

The following functions can also be used:

View	View the entry
Edit	Edit the entry
Clear	Delete the entry
Copy	Copy the entry (SIM ↔ phone)
Move	Move the entry (SIM ↔ phone)
Send Message	Send an SMS text
Send vCard	Send a visiting card

Execute the functions and then confirm them.

# Phone Book

---

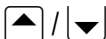
Editing or deleting all entries

---

Menu

Open the main menu

---



Phonebook

Ok

Select "Phonebook" and confirm it

---

The following functions can also be used:

Delete All

Delete all the entries  
(SIM or phone)

Copy All

Copy all the entries  
(SIM or phone)

Execute the functions and then confirm them.

## Groups

You can assign the entries to various groups. Groups can be displayed or hidden in order to have a better overview of the phone book. The groups can be allocated different ringing melodies.

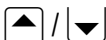
Assigning an entry to a group

---

Menu

Open the main menu

---



Phonebook

Ok

Select "Phonebook" and confirm it

---



Caller Group

Ok

Select the menu and confirm it

# Phone Book

---

▲ / ▼ Family Ok

Select the group and confirm it

---

▲ / ▼ Member List Ok

Select Member List and confirm it

If there are no entries in the Member List, only the Add menu option is available.

---

▲ / ▼ [ ] Add

Select an entry from the phone book and add it

If there are entries available in the Member List, press the Option softkey. The following options Add or Clear are then available.

---

## Changing the group name and tone

---

Menu Open the main menu

---

▲ / ▼ Phonebook Ok

Select "Phonebook" and confirm it

---

▲ / ▼ Caller Group Ok

Select the menu and confirm it

---

▲ / ▼ Family Ok

Select the group and confirm it

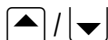
# Phone Book

---

Edit

To edit the group name or

---



Associate Sound

Change

To select a different ringing tone

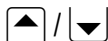
## Settings

---

Menu

Open the main menu

---



Phonebook

Ok

Select "Phonebook" and confirm it

---



Settings

Ok

Select menu and confirm

---

The following functions are available

Memory Status

The status of the SIM and phone is displayed

Fields

Select the fields in the phone book to be displayed

My vCard

in order to

Send My Card


edit them or

Send vCard




to send them

## 11 Call List



The mobile phone is equipped with a call list. Your mobile phone stores the last phone numbers dialled, taken and received but missed.

 If one of the phone numbers received matches an entry in the phone book, the associated name appears.




The following icons appear to indicate

-  numbers dialled,
-  calls received,
-  missed calls.

### Dialling from the call list

-  Open the call list
-  Select an entry and dial it

### Displaying list details

-  Open the call list
-  Select an entry and display details
-  Open the menu

The following functions are available:

-  Delete the entry

## Call List

---

Save	Save the entry (SIM or phone)
Call	Dial the entry
Edit	Edit the entry
Delete All	Delete the calls list

Execute the functions and then confirm them.

## 12 SMS - Text Messages



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile phone provider for details.

### SMS settings



SMS messages are distributed via a Service Centre. If you want to send and receive SMS text messages, you must program a service centre number in your mobile phone. Normally, this has already been set up by your service provider.

#### Navigating to the “Profile Setting” menu

- |                                |                    |
|--------------------------------|--------------------|
| Menu                           | Open the main menu |
| /  Messages                    | Ok                 |
| Select the menu and confirm it |                    |
| /  Message Settings            | Ok                 |
| Select the menu and confirm it |                    |
| /  Profile Setting             | Ok                 |
| Select the menu and confirm it |                    |

# SMS - Text Messages

---

## SMS service center

Navigate to the “Profile Setting” menu.

---

▲ / ▼ Profile Setting Ok

---

Select the menu and confirm it

---

▲ / ▼ Number Edit

---

Select the menu and confirm it

---

☰: Ok

Enter or edit the MSC number  
and save the settings

## Validity

You can use this feature to define how long an attempt should be made to deliver a message which you have sent.

Navigate to the “Profile Setting” menu.

---

▲ / ▼ Profile Setting Ok

---

Select the menu and confirm it

---

▲ / ▼ Validity Change

---

Select the menu and confirm it

---

▲ / ▼ Maximum Ok

---

Select the duration and  
confirm it

# SMS - Text Messages

## Settings

### Delivery report

Select “Delivery Report - On” to receive the corresponding delivery confirmation report that a message sent has been delivered.

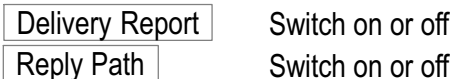
### Reply path

Select “Reply Path - On” to send the reply path of your provider with an SMS message. Contact your provider for further details.

Navigate to the “Profile Setting” menu.

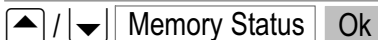


Select the menu and confirm it



## Memory status

Navigate to the “Profile Setting” menu.



Select the menu and confirm it



The memory locations occupied and free on the mobile phone and SIM card are displayed.

## Writing an SMS text



A text message can contain up to 612 characters, including spaces.

Menu

Open the main menu

## SMS - Text Messages

---

 /  Messages 

Select the menu and confirm it

---

 /  Write Message 

Select the menu and confirm it

---



Write the text.

---



Information on ways of entering text;

 Page 27.

---




Open the menu


---

The following functions are available

---

Send Only 



or 

Enter the number or select from the phone book

---

Save and Send 



or 

Enter the number or select from the phone book.

---

The SMS text is saved in the “Outbox” folder.

---

Save 

The SMS text is saved in the “Outbox” folder.

---

Send To Many 

The message can be sent to several recipients selected from the phone book.

## SMS - Text Messages

Send By Group **Ok**

The SMS text is sent to all the members of a group.

Execute the functions and then confirm them.

### SMS text messages sent and received



Texts received are indicated by a ringing tone which you have set. "New Message!" appears in the display. Press the "Read" softkey to display the message.

SMS texts received are stored in the "Inbox" folder. SMS texts sent are saved in the "Outbox" folder as are the drafts.

### Editing stored texts

**Menu** Open the main menu

/ **Messages** **Ok**

Select the menu and confirm it

/ **Outbox** / **Inbox** **Ok**

Select the menu and confirm it

/ **+491520...** **View**

Select the SMS text and confirm it

**Option** Open the menu

## SMS - Text Messages

---

The following functions are available:

Reply	Reply to the number from which the text was sent
Forward	Forward the text to a different number
Send	Send the SMS text
Edit	Edit the SMS text
Clear	Delete the SMS text
Copy to SIM / Copy to Phone	Copy the SMS text
Move to SIM / Move to Phone	Move the SMS text
Delete All	Delete all the SMS texts
Copy All	Copy all the SMS texts (SIM or phone)
Move All	Move all the SMS texts (SIM or phone)
Use Number	Use the number from which the text was sent

Execute the functions and then confirm them.

## 13 Voice Mail



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile phone provider for details. They may concern services which are subject to charges.

In order to use the “Voice Mail”<sup>1</sup> feature, the relevant phone number must be programmed in your mobile phone. Normally, this has already been set up by your service provider.

### Setting up the Voice Mail feature

Menu	Open the main menu
/  Messages	Ok Select the menu and confirm it
/  Message Settings	Ok Select the menu and confirm it
/  Voice Mail	Ok Select the menu and confirm it
/  Empty	Edit Select the menu and start editing it

<sup>1</sup> Voice Mail, also referred to as mailbox (answering machine in mobile telecommunication network)

## Voice Mail

---



If a number is already available, it appears instead of “Empty”.



Ok

Enter or edit the Voice Mail number and save it

The following functions are available in the “Voice Mail” menu.

Clear

Ok

The Voice Mail number is deleted

Connect to Voice Mail

Ok

The Voice Mail number is dialled

Execute the functions and then confirm them.

### Playing the Voice Mail messages

Navigate to the “Connect to Voice Mail” menu option, as previously described, and press the **Ok** softkey or

Hold

**1**

A connection is established to your “Voice Mail” and you can play messages recorded.

## 14 Services



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile phone provider for details. They may concern services which are subject to charges.

Navigating to the “Call Setting” menu.

- |      |                                |
|------|--------------------------------|
| Menu | Open the main menu             |
| /    | Phone Setting                  |
|      | Select the menu and confirm it |
| /    | Call Setting                   |
|      | Select the menu and confirm it |

### Forwarding calls

The following functions enable incoming calls to be transferred to other phone numbers.

Navigate to the “Call Setting” menu.

- |                   |   |
|-------------------|---|
| /                 | Call Divert   |
|                   | Select the menu and confirm it                          |
| Cancel All Divert |   |
|                   | Select the menu to stop all the calls being transferred |

## Services

---

Select the setting for which calls should be redirected

All Voice Calls

If Unreachable

If No Answer

If Busy

---

and then select

Activate **Ok**  or Search **Ok**

Enter the number or select from the phone book. The call forwarding function is then active.

Deactivate **Ok** The corresponding call transfer is deactivated



Check Status **Ok** Display the current setting

## Call barring

The following function is used to restrict calls which can be received and made.

Navigate to the “Call Setting” menu.

---

 /  Call Barring **Ok**

Select the menu and confirm it

Refer to Menu Structure;  Page 84

## Changing the network password

This service must be requested from the telephone network provider. The provider then makes the corresponding numeric code available.

Navigate to the “Call Setting” menu.

---

▲ / ▼ Call Barring Ok

Select the menu and confirm it

---

▲ / ▼ Change Password Ok

Select the menu and confirm it

Refer to Menu Structure; 📖 Page 86

## Call waiting

This function issues an acoustic signal to inform you that another call has been received while the current call is in progress.

Navigate to the “Call Setting” menu.

---

▲ / ▼ Call Waiting Ok

Select the menu and confirm it

Refer to Menu Structure; 📖 Page 84.

## Automatic redialling

When this function is activated, redialling is initiated automatically if the number dialled is “engaged”.

Navigate to the “Call Setting” menu.

---

▲ / ▼ Auto Redial Ok

Select the menu and confirm it

Refer to Menu Structure; 📖 Page 86.

# Services

## SIM Toolkit

Your mobile phone supports the SIM Toolkit<sup>1</sup>.



You receive information on: using STK, charge rates, data and offers from your SIM card service provider.

Menu

Open the main menu



SIM Toolkit

Ok

Select the menu and confirm it

Execute the functions and then confirm them.

## Broadcast messages

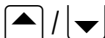
Your mobile phone supports receiving broadcast<sup>2</sup> messages.



You receive information on: broadcast messages, charge rates, data and offers is from your SIM card service provider.

Menu

Open the main menu



Messages

Ok

Select the menu and confirm it

### <sup>1</sup> Sim Toolkit (STK)

(information services from your telephone network provider)

<sup>2</sup> Broadcast, also referred to as **CB = Cell Broadcast** (information services from your telephone network provider)

▲ / ▼ Message Settings Ok

Select the menu and confirm it

▲ / ▼ Broadcast Message Ok


Select the menu and confirm it


Refer to Menu Structure; 📄 Page 74.

# Settings





## 15 Settings

### One-touch dialling buttons

It is possible to assign phone numbers to the one-touch dialling buttons **M1**, **M2** or **M3** which are then dialled directly by pressing and holding the corresponding button;  Page 30.

 Each number you want to define as a one-touch dialling number must be stored in the phone book.

Assigning a phone number to a one-touch dialling button:

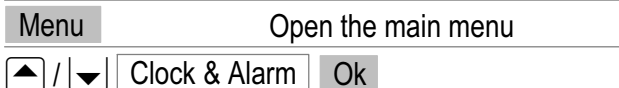
Menu	Open the main menu
 /  Set M1/M2/M3	<b>Ok</b> Select the menu and confirm it
 /  M2 Call Number	<b>Ok</b> Select the one-touch dialling button and confirm it
Select	
<b>View</b>	to display the number
<b>From Phonebook</b>	to select and save a phone number from the phone book
<b>Clear</b>	to delete the number assigned

Execute the functions and then confirm them.

## Clock and alarm

This menu option can be used to set and change the date, time and alarms.

Open the menu:



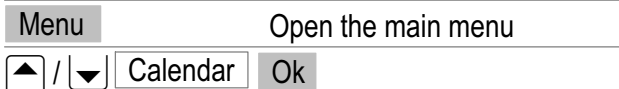
Select the menu and confirm it

Refer to Menu Structure;  Page 77.

## Calendar

This menu option opens the current calendar sheet. You can select other days and manage entries in the appointments list. Use the ▲ / ▼ buttons to navigate in the Calendar display.

Open the menu:



Select the menu and confirm it

Refer to Menu Structure;  Page 80.

# Settings

---

## Flashing keypad

Use this menu to select whether the keypad lighting should flash in the event of incoming calls.

---

Menu Open the main menu

---

▲ / ▼ Phone Setting Ok

---

Select the menu and confirm it

---

▲ / ▼ Call Setting Ok

---

Select the menu and confirm it

---

▲ / ▼ Key LED flash Change

---

Select the menu and confirm it

---

▲ / ▼ On or Off Ok

---

Select the setting and confirm it

## Network setting

Network selection: This menu can be used to select mobile telecommunication networks other than your own mobile network provider. However, the corresponding agreements must have been concluded.

Preferred networks: You can select the mobile telecommunication networks prescribed on the SIM card and edit them. Use the ▲ / ▼ buttons to change the priority.

# Settings



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile phone provider for details. They may concern services which are subject to charges.

Menu

Open the main menu



Phone Setting

Ok

Select the menu and confirm it



Network Setting

Ok

Select the menu and confirm it

Network Selection

or

Preferred Networks

Refer to Menu Structure; Page 86.

## Navigation buttons

You can assign various menu options to the digit keys 2 to 9. Then hold the corresponding key pressed longer than 3 seconds to open the respective menu.

Menu

Open the main menu



Phone Setting

Ok

Select the menu and confirm it






Set Fast key 2-9

Ok

Select the menu and confirm it




# Settings

---

 /  4-key 



Select the required button and confirm it

---

 /  Calendar 


Select the required menu and confirm it


Refer to Menu Structure;  Page 87.

 In the example above, the calendar is opened when the  button is pressed for longer than 3 seconds when in Standby mode.




## Security settings

This menu is used to define which functions on the phone or SIM card should be protected by a password/PIN. The PIN and password can be changed.

 PIN and PIN2 are supplied together with the SIM card. Further information is available from your SIM card provider.

 Open the main menu

---

 /  Phone Setting 

Select the menu and confirm it

---

 /  Security Setting 

Select the menu and confirm it

---



# Settings



The default setting for the password is 1122. If this lock is active, you can only open the main menu by entering the password.

## SIM Lock



The password is supplied together with the SIM card. If you deactivate the SIM lock, you need not enter the PIN after switching the mobile phone on.

It is recommended to leave the SIM lock on to prevent unauthorized persons from using the mobile phone.

## Phone Lock



The default setting for the password is 1122. If this lock is active, you must first enter the password for the phone lock after switching the mobile phone on and then enter the PIN.

**Change Password** Change the passwords/PIN

Refer to Menu Structure; Pages 87 and 88.

## Phone settings

Navigating to the “Phone Setting” menu.

**Menu**

Open the main menu



**Phone Setting** **Ok**

Select the menu and confirm it

# Settings

---

## Display settings

Use this menu to adapt the phone display to your own personal needs.

Navigate to the “Phone Setting” menu.

▲ / ▼ | Display Setting | Ok

Select the menu and confirm it

Select

Language | to set the display language

Greeting Text | to edit the text displayed when the phone is switched on


Screen Saver | to select and setup a screen saver

Contrast | to adjust the display contrast setting

LCD Backlight | to set the brightness and lighting duration of the back-lighting

Font Size | to set the font size in the display to “Small” or “Large”




File Manager | to manage folders and audio and image files

Refer to Menu Structure;  Pages 81 and 82.

## Sound settings



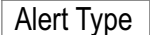

Use this menu to adapt the phone's ringing tones to your own personal needs.

Navigate to the "Phone Setting" menu.

 /  Sound Setting 

Select the menu and confirm it

### Select

	to select specific ringing tones for various alert ringing signals
	to select specific volumes for the various alert ringing signals
	to select whether you are alerted of incoming calls via a ringing tone or vibration
	to select whether an acoustic alarm should be issued when an emergency call is activated

Refer to Menu Structure;  Pages 82 and 83.

## Automatic key lock

You can set up the mobile phone so that the key lock is automatically activated after a certain time in Standby mode.

## Settings

---

Navigate to the “Phone Setting” menu.

---

 /  Auto KeyLock 

Select the menu and confirm it


---

Select

None 

The automatic function is deactivated  
or


---

(e.g.) 5 min. 

the key lock is automatically activated after the selected value



### Default settings

The mobile phone is reset to its default (factory) settings.

Default settings;  Page 94.

Navigate to the “Phone Setting” menu.

---


 /  Restore Factory Settings



Select the menu and confirm it



---


Refer to Menu Structure;  Page 88.

 The default password is 1122.

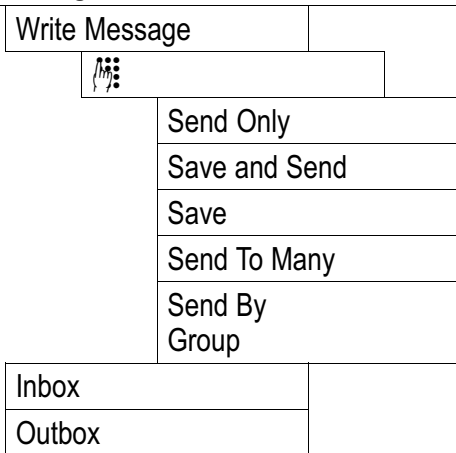
## 16 Menu Structure

### Main menu

Open the main menu by pressing the **M1** = **Menu** button. Then press the / buttons to select a menu option and confirm the selection with the Ok button.

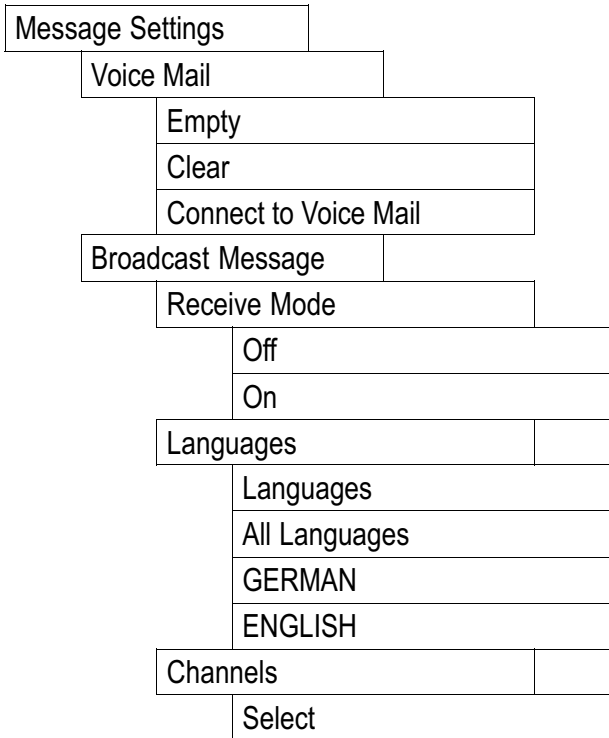
For further information on the menu and operation,  Chapter 4.

### Messages



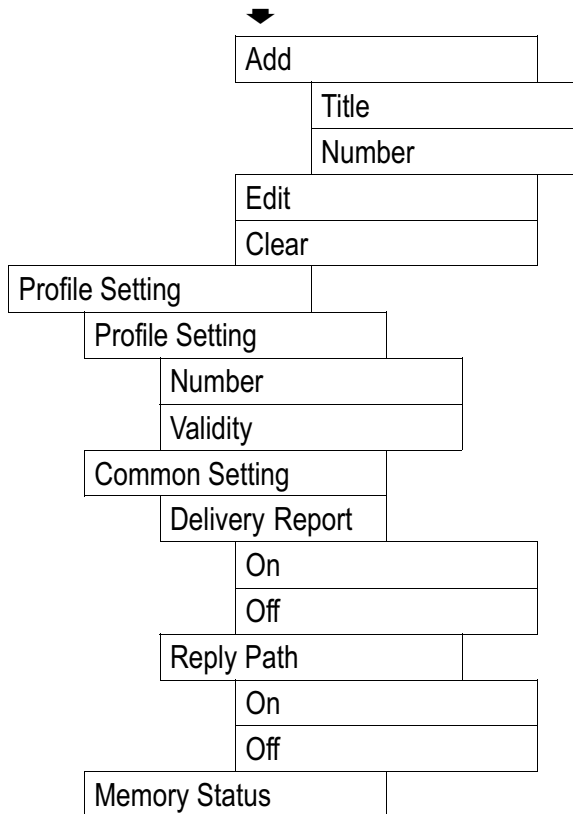
# Menu Structure

---



# Menu Structure

---



# Menu Structure

---

## Set M1/M2/M3

---

M1 Call Number	
----------------	--

View
------

From Phonebook
----------------

Clear
-------

M2 Call Number	
----------------	--

View
------

From Phonebook
----------------

Clear
-------

M3 Call Number	
----------------	--

View
------

From Phonebook
----------------

Clear
-------

## Clock & Alarm

---

Time & Date	
Set Home City	
Set Time/Date	
Set Format	
	(12/24-hour clock)
	(various date formats)
Alarm Tone Vol.	
	(select 1, 2 or 3)
	Off/On
	(set the alarm time)
	Once/Every day/Weekly
Show Time & Date	
	Off/On

# Menu Structure

---

## Phonebook

---

Search	
Add New	
	To SIM/To Phone
	Name
	Mobile Number
	Home Number
	Company Name
	Email Address
	Office Number
	Fax Number
	Associate Sound
	Caller Group
Delete All	
	To SIM/To Phone
Copy All	
	To SIM/To Phone



# Menu Structure

---




Caller Group	
	Friends/Family/VIP/Business/Others
	Name/Associate Sound/Member List
Settings	
	Memory Status
	Fields
	Home Number
	Company Name
	Email Address
	Office Number
	Fax Number
	Associate Sound
	Caller Group
My vCard	
	Send My Card
	Send vCard

# Menu Structure

---

## Reporting Setting

---

Set Help Numbers	
Help No.1 - 5	
View/From Phonebook/Clear	
Reach Setting	
Reach All/Reach One Only	
Help call duration	
Off/1-5 min.	
Predefine Help Message	
	

## Calendar

---

View Tasks
Jump To Date

## Phone Setting

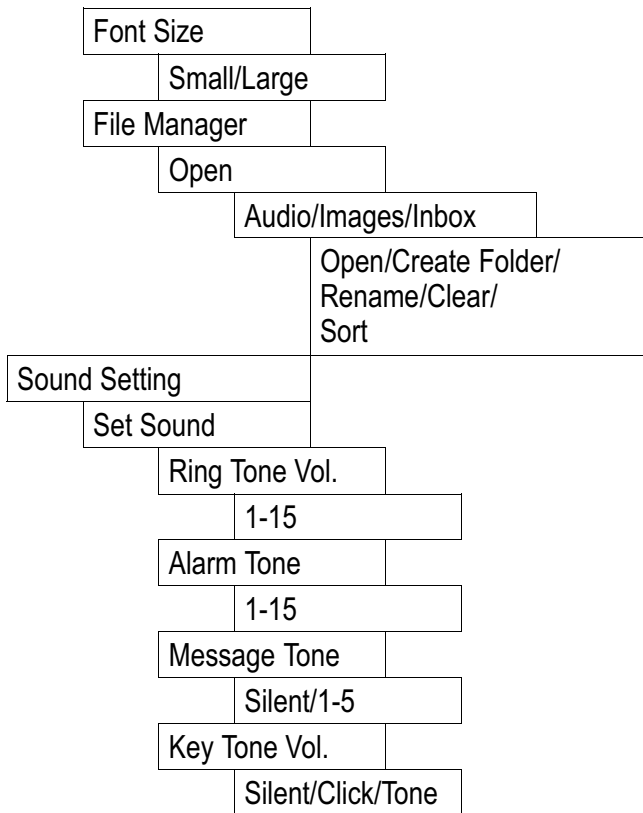
---

Display Setting	
Language	
	GERMAN/ENGLISH/FRENCH
Greeting Text	
	Off/On
Screen Saver	
	Settings
	Off/5 sec.-1 min.
	Select
	(various images)
Contrast	
	1-8
LCD Backlight	
	Brightness
	ON Duration
	5 sec.-1 min.



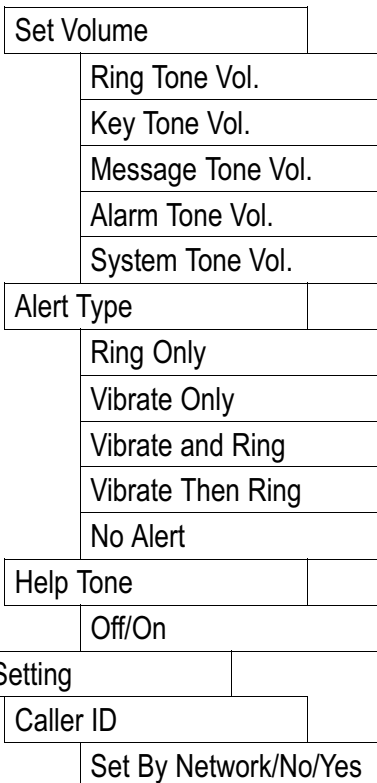
# Menu Structure

---



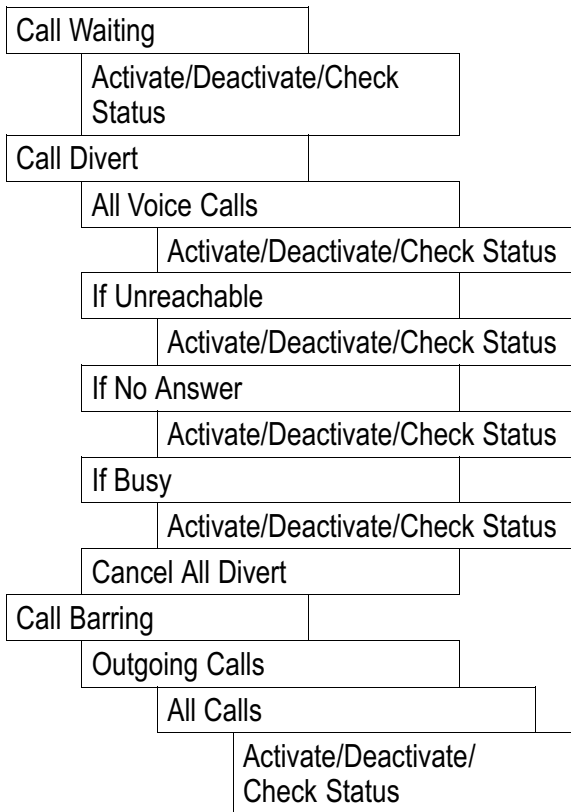
# Menu Structure

---



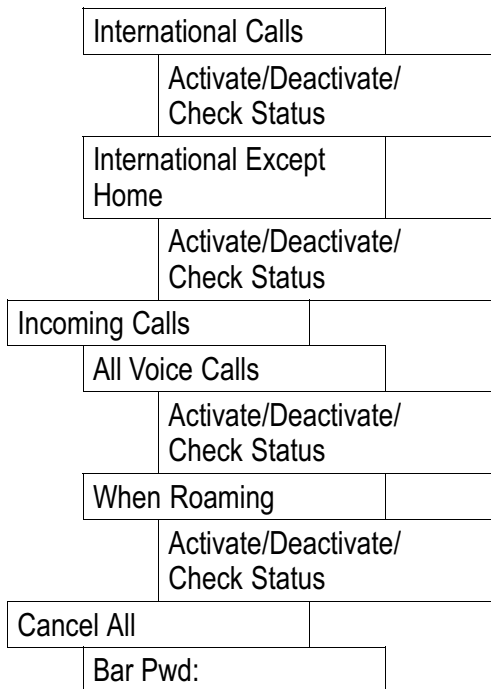
# Menu Structure

---



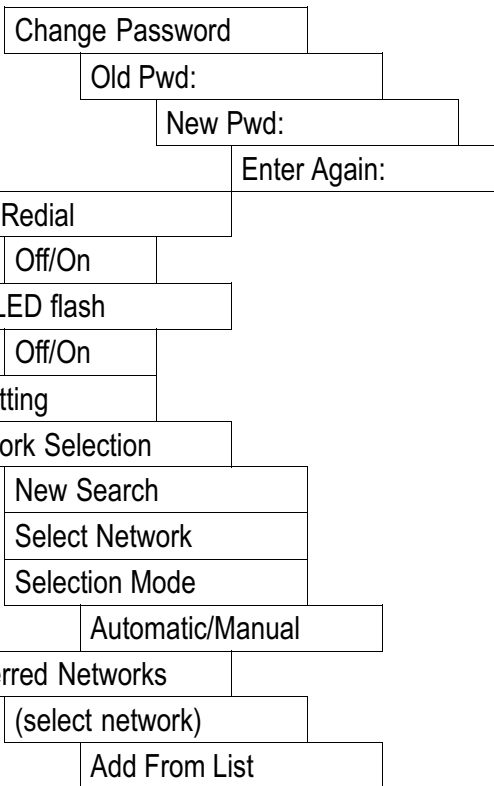
# Menu Structure

---



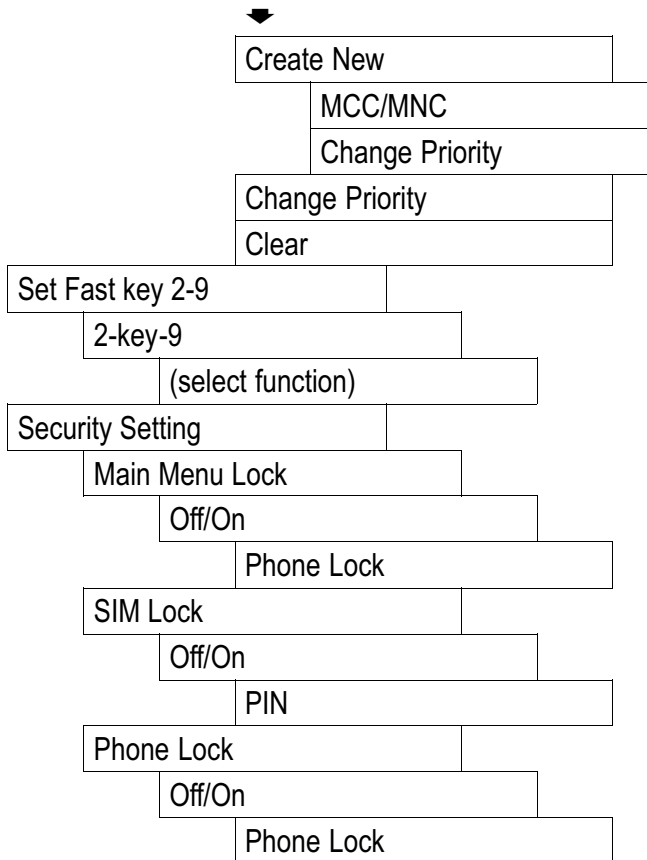
# Menu Structure

---



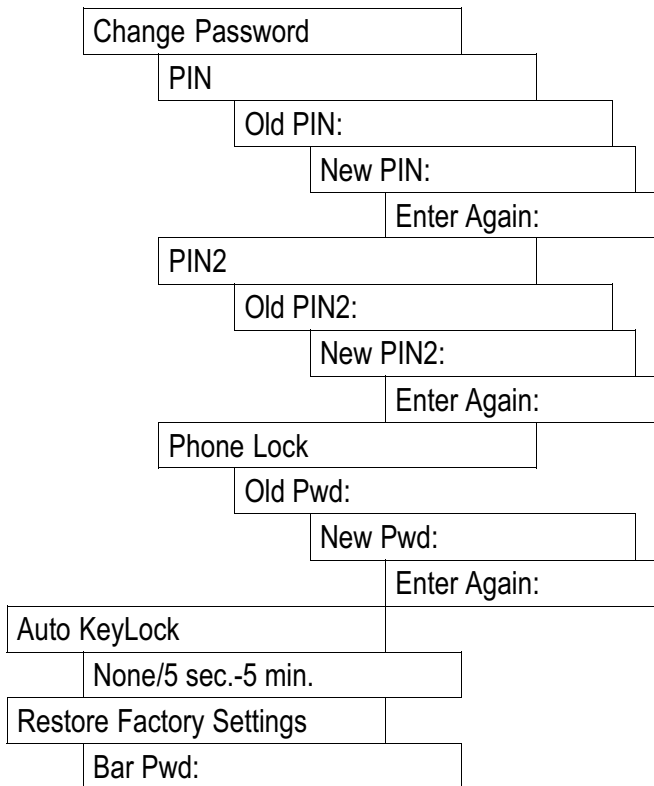
# Menu Structure

---



# Menu Structure

---



## SIM Toolkit

(provider-dependent menu)

## 17 In Case of Problems

### Service hotline

Should problems arise with the telephone, please refer to the following information first. In the event of technical problems, please contact out service hotline under tel. 0180 5 001388 (cost from German conventional telephone network at time of going to print : 14 ct/min., possibly deviating costs from mobile phone networks). In the case of claims under the terms of guarantee, contact your sales outlet. There is a 2 year period of guarantee.

### Problems and solutions

Problems	Solutions
The mobile phone cannot be switched on.	<ul style="list-style-type: none"><li>- No battery inserted.</li><li>- Battery is not loaded.</li></ul>
The display is "locked" when the mobile phone is switched on.	<ul style="list-style-type: none"><li>- Enter the PUK to "unlock" the SIM card. Contact your service provider.</li></ul>

## In Case of Problems

---

No signal quality is displayed.

- No network connection. The mobile phone is in a location where there is no network service. Move to a different location or contact your service provider.

Keypad does not function or only functions very slowly.

- The operating speed of the display is reduced in the case of low temperatures. This is normal. Use the phone in a warmer location.

A message appears in the display for some functions, indicating execution/use is not possible.

- Many functions can only be used after the respective service has been applied for. Contact your service provider for more details.

## In Case of Problems

No display during the charging process.

- The battery status is very low or the mobile phone is being operated outside the recommended temperature range (0° - 45 °C). Wait a few minutes or move the phone to a warmer location.  
Start the charging process again.

No connection to the mobile telecommunication network.

- Contact your service provider.

The “Insert SIM” message appears in the display.

- Ensure that the SIM card has been installed correctly. Contact your service provider, if necessary.

## In Case of Problems

---

The battery cannot be charged or is empty within a short time.

- Battery is defect.
- Place the phone correctly in the charging unit or connect the charging unit properly. Clean the contact surfaces on the mobile phone and charging unit with a soft, dry cloth.
- Charge the mobile for 4 hours.

## 18 Technical Properties

### Technical data

Feature	Value
Standard	<b>GSM</b> <sup>1</sup> 900, 1800 MHz Dualband
Dimensions	50 x 128 x 16.5 mm (W x H x D)
Weight	< 100 g incl. battery
Power supply	Input: 100-240 V, 50-60 Hz, 0.2 A Output: Mini-USB 5 V, 800 mA
Battery	Model: BP-75LI 3.7 V, 750 mAh
Standby time	Up to 170 h
Max. talk time	Up to 120 h
Display	1.77" monochrome, Resolution: 128 x 128
SMS	Standard SMS

<sup>1</sup> **GSM** = Standard for mobile phones.

## Technical Properties

Permissible ambient temperature	0°C to 40°C
Permissible relative humidity	30% to 75%



All Rights Reserved!

## Default settings

The default settings can be restored via the menu. Refer to Page 88 for the sequence of menu option selections.

M1, M2, M3	Empty
Set Home City	Berlin
Time & Date-Set Format	24 Hr h
	DD/MM/YY
Show Time & Date	On
Fields	Name
	Mobile Number
	Home Number
	Company Name
	Email Address
	Office Number

## Technical Properties

Message Settings	Delivery Report - Off
	Reply Path - Off
	Validity - 1 day
Language	GERMAN
Screen Saver	Off
Set Sound	Ring Tone Vol. - 10
	Alarm Tone - 4
	Message Tone - 1
	Key Tone Vol. - Tone
Set Volume	Ring Tone Vol. - 5
	Alarm Tone - 5
	Message Tone - 5
	Key Tone Vol. - 5
	System Tone Vol. - 5
Alert Type	Ring Only
Help Tone	On
Set Fast key 2-9	2 - Language
	3 - Time & Date
	4 - Set Alarm
	5 - Call Setting
	6 - Set M1/M2/M3

## Technical Properties

---

	7 - Inbox
	8 - Calendar
	9 - Font Size
Main Menu Lock	Off
Auto KeyLock	Off
Reach Setting	Reach All
Help call duration	Off

### Declaration of Conformity

This device fulfils the requirements stipulated in the EU directive:

1999/5/EU directive on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.



Conformity with the above mentioned directive is confirmed by the CE symbol on the device.

To view the complete Declaration of Conformity, please refer to the free download available on our web site [www.amplicom.eu](http://www.amplicom.eu).

### 19 SAR Information

Information on radio frequency emissions and specific absorption rates (**SAR** = **S**pecific **A**bsorption **R**ate).

All the applicable safety standards related to radio frequency emissions were implemented during the development of this mobile phone. The limit values are based on scientific directives and contain a safety margin in order to guarantee the safety of all persons regardless of age and state of health.

The values in the directive on radio frequency emissions are based on a unit of measure named SAR. SAR values are measured using standardized methods by which the mobile phone works in all the frequency bands used with the highest energy level. Although the SAR values of various phone models can differ, all the models were developed to maintain the relevant directives on radio frequency emissions. The following information applies to residents of countries which, as with the European Union, have adopted the SAR limit value recommended by the ICNIRP (**I**nternational **C**ommission on **N**on-**I**onizing **R**adiation **P**rotection) which lies at 2W/Kg (averaged from 10 gram tissue):

The highest SAR value measured, averaged over 10 g tissue, was < 0.526 W/kg for this mobile phone measured at the ear.

### **20 Maintenance / Guarantee**

#### **Maintenance**

- Clean the housing surfaces with a soft, fluff-free cloth.
- Do not use any cleaning agents or solvents.

#### **Guarantee**

AMPLICOM equipment is produced and tested according to the latest production methods. The implementation of carefully chosen materials and highly developed technologies ensure trouble-free functioning and a long service life. The terms of guarantee do not apply when a device malfunction was caused by the mobile telecommunications network operator/provider. The terms of guarantee do not apply to the batteries or power packs used in the products. The period of guarantee is 24 months from the date of purchase.

All deficiencies related to material or manufacturing errors within the period of guarantee will be redressed free of charge. Rights to claims under the terms of guarantee are annulled following tampering by the purchaser or third parties.

Damage caused as a result of improper handling or operation, normal wear and tear, incorrect positioning or storage, improper connection or installation or Acts of Gods and other external influences are ex-

## **Maintenance / Guarantee**

---

cluded from the terms of guarantee. In the case of complaints, we reserve the right to repair defect parts, replace them or replace the entire device. Replaced parts or devices become our property. Rights to compensation in the case of damage are excluded where there is no evidence of intent or gross negligence by the manufacturer.

If your device shows signs of defect during the period of guarantee, please return it to the sales outlet in which you purchased the AMPLICOM device together with the purchase receipt. All claims under the terms of guarantee in accordance with this agreement can only be asserted at the sales outlet. No claims under the terms of guarantee can be asserted after a period of two years from the date of purchase and hand-over of the product.

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## Important Notes on the Guarantee

The period of guarantee for the AMPLICOM product begins on the date of purchase. Rights to claims under the terms of guarantee relate to deficiencies resulting from material or production faults. Rights to claims under the terms of guarantee are annulled following intervention by the purchaser or third parties. Damage caused as a result of improper handling or operation, normal wear and tear, incorrect positioning or storing, improper connection or installation, Acts of God or other external influence are not covered by the terms of guarantee.

CLAIMS UNDER THE TERMS OF GUARANTEE MAY ONLY BE ASSERTED TO THE RETAILER WHERE THE EQUIPMENT WAS PURCHASED, WHEREBY THE PURCHASE RECEIPT MUST ALSO BE SUBMITTED.

TO PREVENT UNNECESSARY LONG DELAYS, PLEASE DO NOT SEND EQUIPMENT UNDER COMPLAINT TO OUR OFFICE ADDRESS.

IN THE CASE OF QUESTIONS CONCERNING OPERATION OR THE TERMS OF GUARANTEE, PLEASE REFER TO THE OPERATING MANUAL OR CONTACT OUR HOTLINE:

0844 800 6503

**AUDIOLINE GmbH**

Neuss

Internet: [www.amplicom.eu](http://www.amplicom.eu) - E-mail: [info@audioline.de](mailto:info@audioline.de)