Operating Instructions

BMW car telephone (GSM)

BMW car telephone

A mobile telephone means you can always be reached and you can contact others whenever you like. Your BMW car phone has been developed to comply with the GSM standard, which has already been introduced in more than 25 countries and is steadily becoming more widespread (GSM = Global System for Mobile Communications).
The digital GSM communications technology ensures high quality transmission of speech and high security against radio traffic surveillance.

When travelling, take full advantage of this mobile telephone system which can be used across borders.

We wish you a good journey and even better reception!

BMW AG

Notes on this Owner's Handbook

So that you can quickly enjoy the use of your telephone, the first chapter of this handbook contains descriptions of all the basic functions.

The fastest way to find information on certain topics is to look them up in the index at the back.

Two menus guide you through the many varied uses of your mobile telephone.
You can also use the Quick Access option to reach the functions that you most frequently require.

The telephone and the instructions are therefore one unit. If the telephone itself guides you through operation, descriptions are not repeated in the handbook. This also applies in the case of self-explanatory symbols in the display.

Please understand that the instructions in this handbook may vary from the actual set-up of your telephone due to the diversity in service providers and the services they offer.

If you ever sell your BMW including telephone, please do not forget to pass on this handbook as it belongs to the vehicle.

Please also read the information sheets from the GSM operator including information from your service provider.

Symbols used

identifies references to special features which you should study for your own and others' safety and also to avoid the risk of damage to the car or to the telephone.◄

identifies references to special features.◄

◄ indicates the end of a particular instruction or item of information.

* identifies optional extras or specific national-market items of equipment, and also accessories.

For your own safety

A car telephone provides many services and can even save lives. However, please observe the following important points.

⚠ Adjustments:
Adjust the settings of the equipment only when the car is at a standstill, to avoid any risk for yourself or for other road users.◄

⚠ Using the telephone in the car:
It is dangerous to make a phone call while you are driving the car. In some countries, this is in fact already prohibited. When you wish to make a phone call, stop at an appropriate place where you are not endangering other vehicles. Use the hands-free unit.◄

⚠ Using the telephone near the car:
Do not telephone inside a garage or near an open car bonnet. The air might contain fuel fumes and the telephone could produce sparks and start a fire.◄

⚠ Children:
Children should be prevented from playing with the telephone. They could hurt themselves or others with the aerial.◄

⚠ Aerial:
When using the telephone, ensure that nobody is closer than 50 cm (approx. 20 in.) to the aerial. Do not use the telephone if the aerial is damaged. Do not touch the aerial with bare skin if it is damaged, as it can cause a slight burn. Have a damaged aerial replaced immediately.◄

⚠ Medical equipment:
In order to verify that personal medical devices (e.g. cardiac pacemakers or hearing aids) are sufficiently protected from high-frequency energy, consult the manufacturers of these devices.◄

⚠ Unusual surrounding conditions:
Switch off the telephone in areas where explosives are being used. Otherwise, high-frequency remote controls could be interfered with and cause an explosion.
Switch off your telephone in areas with a high explosion risk. This includes filling stations, fuel storage areas or chemical factories as well as places where the air contains fuel vapour, chemicals or metal dust. The telephone could produce sparks and cause a fire or explosion. Comply with the relevant legal requirements if using the telephone near the facilities stated above or in any other high explosion-risk areas. You can obtain these regulations from your service provider.◄

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Operating options

Operating function	Tele-phone	MID	MFL	On-board monitor*
Emergency call	●	●		●
Switch on phone	●	●	●	●
Entering codes	●			
Entering phone numbers	●	●		●
Dialling entered phone number	●	●	●	●
Cancelling dialling	●	●	●	●
Accepting a call	●	●	●	●
Repeating last number dialled	●	●	●	●
Varying volume of hands-free unit	●	●	●	●
Locating and dialling entry in phone book	●	●	●	●
Calling up call information (call time, charge)	●	●		●
Call waiting and trade (several phone conversations at the same time)	●			
Switching off phone	●			
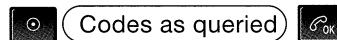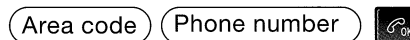
MID = Multi-Information Display; MFL = Multi-Function Steering Wheel

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Quick access

Brief instructions

Handset

Emergency call	⊙ 1 1 2 ABC ☎OK
Switch on phone	⊙ (Codes as queried) ☎OK
Call	(Area code) (Phone number) ☎OK
Cancel entry	☎C
Cancel dialling	☎C
End call	☎C
Accepting a call	☎OK
Repeating last number dialled	☎OK ☎OK
Changing volume of hands-free unit	+◁ −◁

📖 MENU ➡ 📞 Quit menu

Phone book options | **Menu options**

MENU

- Personal numbers
- Last ten calls
- My phone number(s)
- Fixed numbers
- One-touch dial set-up

➡ 📞ₒₖ See page 26

📞 Quit phone book options

MENU

- Call-related features
- Message
- Phone set-up
- Network selection
- Call meters
- Accessory set-up

➡ 📞ₒₖ See page 30

📞 Quit menu options

1 Picking up the handset

Press the button (arrow): lift the handset off the telephone rest.
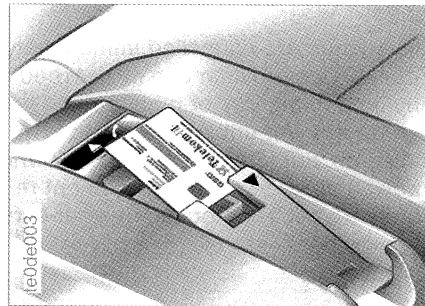
2 Inserting the SIM card

Insert the SIM card as shown in the illustration.

If the SIM card is not correctly inserted, a second message appears asking you to do so.

If messages appear with the extension "Service release", please contact your service provider.

If your telephone is situated in the rest and it is not possible to enter the commands listed below, then the keypad is blocked. This means that no keys can be accidently touched while you are driving. Remove the handset from the rest or unblock the keypad, see page 45.

3 PIN code input

The telephone asks you to enter your PIN code (PIN = **P**ersonal **I**dentification **N**umber). Only an asterisk appears in the display each time you enter a digit, so that the code remains confidential. When you have entered the number in full, press

The name of the network operator appears in the display. Your telephone is now ready for operation.

If you have made an error while entering the code, press

If you do not know what the code is, or if you wish to change it, please refer to the chapter "Menus", page 43.

The PIN code is blocked after three consecutive unsuccessful attempts. This ensures that nobody else can guess your code. The relevant information is displayed. To remove the blockade, refer to the following chapter on the SIM card.◄

Your service provider has given you a telephone chip card. This is the SIM (**S**ubscriber **I**dentify **M**odule) card, on which the following personal data are already stored:

▷ your phone number
▷ the networks available to you (GSM)
▷ PIN and unblocking code.

▷ There are special SIM cards containing a second PIN (PIN2). This enables you to place certain options at the disposal of a second user.◀

Furthermore, your SIM card has a memory for phone numbers and for messages which have been sent to your number (see page 19).

You can also use other GSM mobile telephones with your SIM card, e.g. in rented cars or in taxis. It is therefore important that you keep your card in a safe place to prevent misuse.

⚠ Protect the SIM card against damage, static electricity and moisture, to ensure that it remains operational and the memorised data are not lost.◀

Loss

Have your card cancelled immediately. Your service provider can be reached at any time of the day or night so that you can do this. An unblocking code is saved on your SIM card. Anybody who knows this code can use it without restriction until it is blocked by your service provider.

Removing the block

In order to do this, you require the 8-digit PUK code that you received from your service provider with the SIM card and PIN code (PUK = **P**IN **U**nblocking **K**ey). The new PIN code must contain between four and eight digits.

Enter the following key sequence; the symbols in the display deviate in part from what you enter, but this is no cause for concern:

| ⇦✳ | ⇦✳ | **0** | **5** | ⇦✳ |

(PUK code)	📞ₒₖ
(New PIN Code)	📞ₒₖ
(New PIN Code)	📞ₒₖ
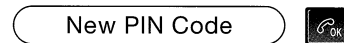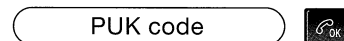
▷ If this procedure is carried out incorrectly ten consecutive times, the SIM card is blocked permanently. In this case, please contact your service provider.◀

Making and receiving calls

Switching the phone on and off

The telephone is switched on and off via the ignition. If you wish to make a phone call without having the ignition switched on, or if you wish to switch your telephone off and on again:

Placing an emergency call

If the telephone is switched on:

In the case of an emergency call, you can ignore all of the queries regarding codes or any other symbols which appear in the display - and dial the emergency number directly. This depends on the country you are in and also on the network you are using. In some networks, emergency calls can even be made without having your SIM card inserted.

Call

(Area code) (Phone number)

Always enter the area code before the actual number, even if you are making a call within the same city. For calls abroad, you also have to enter "00" or "+" before the national code. This symbol can be obtained by keeping the zero key pressed.

Ending, cancelling, or deleting

This button has several functions: Use it to terminate a call, interrupt dialling or inputs, quit menu options or cancel displays. One letter is deleted each time the button is pressed. If you keep this button pressed, the entire display is deleted. You can also leave a menu using this button. However, a faster method of doing this is:

Adjusting the volume

Accepting a call

This key is also used to confirm that all settings or codes are to be applied.

Repeating last number dialled

By pressing this sequence of buttons, you can always activate the last number dialled and place a call to this number.

Interrupting a call

If you press this button, the microphone is muted, but the caller is not aware of this.

Press this button again to switch the microphone on.

Switching off the hands-free unit

Your telephone is in the hands-free mode and automatically returns to this mode after each call you make using the handset.

If you wish to switch off the hands-free mode, simply lift the handset. The call is terminated as soon as you place the handset back in the rest. However, if you wish to continue the conversation using the hands-free unit, press

and put the handset back in its rest within six seconds.

Muting the car radio

As soon as you begin a phone call or receive a call, the volume of the radio or any other sound systems is automatically turned down. To remove the muting, see page 54.

Hands-free unit

During a telephone conversation, press:

to raise the volume

to lower the volume.

Ringing tone

You will hear this at the selected volume. To change the volume:

MENU or

To select and memorise the volume that is currently heard and displayed:

Adjusting the volume
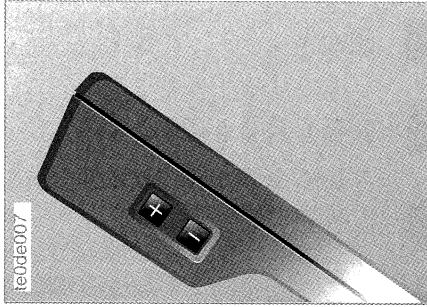
Call tone

You can alter the call tone volume while using the handset.

Setting up the phone book

You can also use your SIM card as a phone book. This has the advantage that you can dial the person you wish to call directly from the book.

You can save up to 175 names, depending on your SIM card. If you do not know what the storage capacity of your card is, you can have it shown in the display:

In order to do this, when making new entries, enter an invalid number (see the next column), e.g. 300, when you are asked for "location" (= memory location). The available memory location is then displayed.

All entries in the phone book consist of the following:

▷ Phone number containing up to 20 digits
▷ Name with up to 18 characters
▷ Position number (and location number) from 1 to 175.

However, the size of the individual entries depends on your SIM card.

Saving names and phone numbers

⬆️ 4 GHI

(Area code)(Phone number) 📞OK

(Name) 📞OK

(Location) 📞OK

The memory location of your entry is displayed.

Details about entering letters and characters can be found on the next page.

Saving international phone numbers

[⇧] [4 GHI]

[0 +] Press for 2 seconds

(Country Code) (Area code)

(Phone number) [OK]

(Name) [OK]

(Location) [OK]

The memory location of your entry is displayed.

Entering letters and numbers

The telephone makes more characters available than are represented by the keys.

You can change between upper and lower case by pressing a key for a longer period.

If you wish to enter a letter twice, or two letters which are on the same key, press the following button after you have entered the first letter:

[⇥⇨]

and then enter the required letter, character etc.

Entering pauses

If you wish to enter a dialling break of three seconds in a phone number, press:

[⇦*]

until the dialling break (pause) symbol "□" appears.

Key	Characters
1	Blank . ? ! , @ & : " ( ) ' ¿ ¡ % £ $ 1
2 ABC	A B C Ä Å à Æ Ç 2 a b c ä å æ ß ç 2
3 DEF	D E F Δ É è ‡ 3 d e f Δ é è ‡ 3
4 GHI	G H I Γ Ì 4 g h i Γ ì 4
5 JKL	J K L Λ 5 j k l Λ 5
6 MNO	M N O Ñ Ö Ø Ò Ω 6 m n o ñ ö ø ò Ω 6
7 PQRS	P Q R S Π β Σ 7 p q r s Π β Σ 7
8 TUV	T U V Θ Ü Ù 8 t u v θ ü ù 8
9 WXYZ	W X Y Z Ξ Ψ 9 w x y z Ξ Ψ 9
0 +	+ - × * / = > < # 0

Searching for a name and dialling

⇧ 1 (First 3 letters)

🕻ₒₖ 🕻ₒₖ
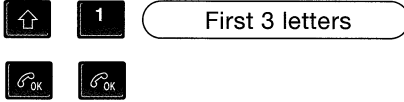
When entering the first three letters, you do not need to pay attention to upper or lower case.

If you do not enter a letter for the name search, the first name in alphabetical order is displayed.

In order to display entries that are beside each other:

⇦* ⧉⇨

If the following appears:

    Names not
      stored
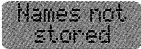
it is however possible that the name was in fact saved but the access is nevertheless barred. See "Prevent access" on page 27.

Searching for memory location and dialling

⇧ 2ABC (Location)

While you were setting up the phone book and entering names, the location (place) where the name is stored was displayed. Using this location, you can call up the name again and dial.

If you do not enter a location, the first occupied memory location is displayed.

If the entered location is invalid, the following appears:

    1 - xxx
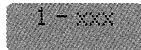
You are then asked to make another entry.

In order to display entries that are beside each other:

⇦* ⧉⇨

If the following appears:

    0 - 0

either nothing has been saved or the access is barred, see "Prevent access" on page 27.

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How to continue

〝 ▁▃▅█

Strength of reception signal

The more segments are visible, the more intense the reception signal is.

A number is being dialled.

✉

Messages

This lights up if there are messages for you.
It flashes when the message memory is full.

⬥

This arrow indicates the selected or activated option within a menu.

▷ The liquid-crystal display (LCD) acts differently at very low temperatures, e.g., it may react more slowly to a key touch. This is perfectly normal and in no way interferes with the function of the telephone.◀

You are now familiar with the basic functions of your telephone. However, it offers you several other functions which can all be reached via a uniformly organised menu guidance system.

In the next chapter, you will find an example of a way of navigating through the menus, which will enable you to familiarize yourself with the recurring operating steps. You will then be able to navigate through all of the menu options using the graphical overviews. You are also provided with additional operating instructions so that you can understand the more complex procedures and options.

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An example

Your telephone has two menus (phone book and services menu) which are arranged similarly. This has the advantage that you are able to use a large number of features quickly with only a few recurring keystrokes. Furthermore, you can use the Quick Access to reach the most frequently required options of these two menus immediately.

In the following, an example is used to illustrate the recurring keystrokes which will help you to navigate through the menus with a minimum of effort.

Refer to the overview on page 14 for details of the menu options you can reach by Quick Access.

| MENU |
| Menu Options |

➡ Call-related features
➡ Message
➡ Phone set-up

| MENU |

Quit options menu

➡ | OK |

Adjust ring volume ➡ | OK |

Ringing tone "On" or "Off" ➡ | OK |

Set ringing tone ➡ | OK |

➡ Standard tone
➡ 1x ringer tone
➡ British tone
➡ French tone
➡ German tone
➡ Bravo tone
➡ 3x ringing tone
➡ Siren
➡ Fast ringing tone
➡ High tone
➡ Music tone
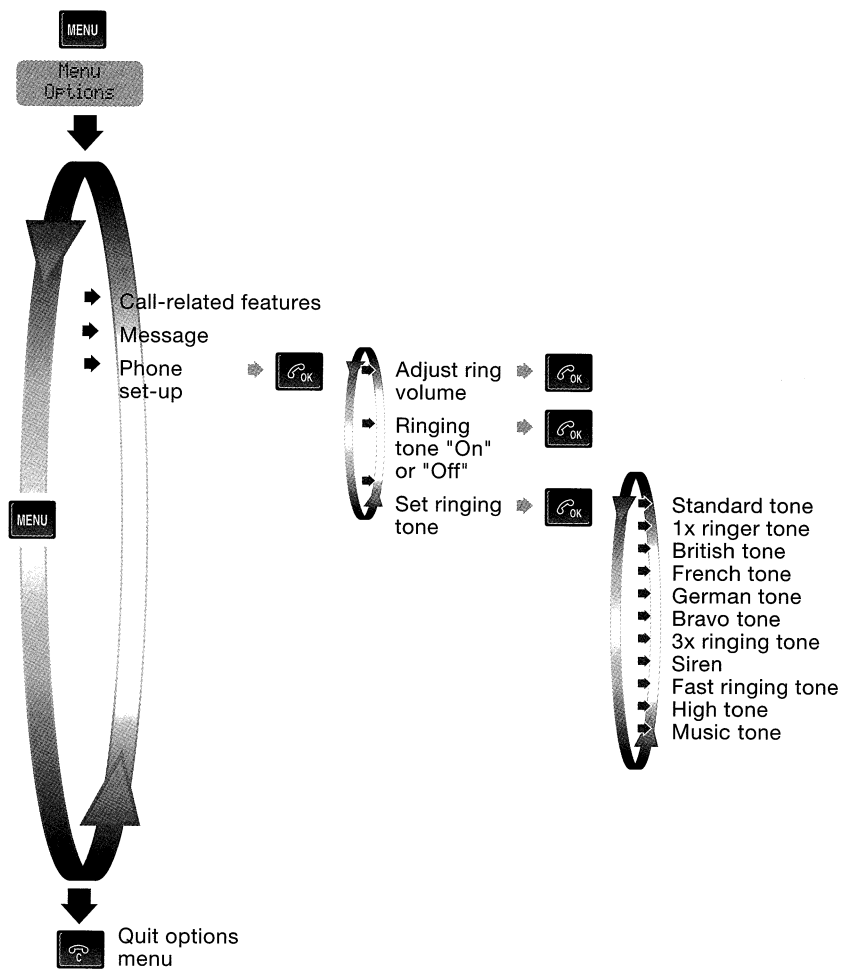
An example

In the following example, the ring tone should be set – i.e., the signal for all calls received in the future, e.g., a fast ring tone, music to indicate a call, no call signal etc.

This option is found in the services menu.

In order to access this menu:

[MENU]

As the "Set ringing tone" option is part of "Phone set-up", you first have to activate the "Phone set-up" option. To access options that are listed one under another, the following key is always used:

[MENU]

When "Phone set-up" appears in the display, you continue by activating an option adjacent to it. To do this you always press:

[OK]

The first suggestion appears on the display with the message "Adjust Ring Volume". However, as an option listed below this is to be selected:

[MENU]

continue pressing this button until "Set ringing tone" appears in the display.

In order to confirm that you wish to select a particular option, always press the following button:

[OK]

You now hear the tone that is currently set; and its designation also appears in the display. If you wish to keep this tone, confirm the choice:

[OK]

If you wish to listen to other possibilities, i.e., to access settings that are listed under each other, press the following button:

[MENU]

If you have found the optimum setting and wish to save it:

[OK]

"Completed" appears in the display followed by the option, to which the setting belongs - in this example "Set ringing tone".

If you wish to close this menu immediately:

[↑] [☎]

If you wish to cancel a setting or leave the menu step by step:

[☎]

By simply pressing these few buttons, you can use your phone to its full potential. Explanations of the individual options are available in the chapters for each of the menus.

Phone book

Personal numbers

- Find entry by name → Enter name → Call / Change / Delete
- Find entry by location → Enter location → Call / Change / Delete
- Add entry → Add to phone / Add to SIM
- Check capacity → Check phone capacity / Check SIM capacity
- Prevent access → No restriction / To SIM memory / To phone memory / Phone and SIM memory

Last ten calls
- Last calls made
- Last calls received
- Erase all numbers

My phone number(s)

Fixed dialling
- View fixed number list
- Set up fixed dialling → Enter PIN2 → On / Off / Edit entry / Add entry

One-touch dialling set-up
- To phone memory
- To SIM memory
- To fixed dial list

Quit phone book menu

Follow the menu-guided operation procedure:

📖

Entering the menu.

[MENU]

Takes you to the options which are arranged one under the other.

[🔊OK]

Takes you to the options which are arranged beside each other.

[📞]

Takes you out of the menu step-by-step or cancels an option.

[⬆] [📞C]

Takes you out of a menu immediately.

Personal numbers

This is how you get into your phone book; from there, you can dial the subscribers directly.

▷ **Find entry by name**
All the necessary operating stages are described in the chapter on basic functions, page 21.

▷ **Find entry by location**
All the necessary operating stages are described in the chapter on basic functions, page 21.

▷ **Add entry**
If you press the OK button as soon as the location query appears, the next free location will be selected and shown. If you enter an invalid location, a display with the possible locations followed by a request for another entry appears. For details of how to enter letters and numbers, see page 20.

▷ **Check capacity**
This displays the remaining available memory locations.

▷ **Prevent access**
You can prevent access to the phone book on your SIM card. Input the security code on request to activate the block. To cancel the block, select "No restriction".

Last ten calls

You are supplied with the phone numbers and the names of the last ten people you called.

Press the OK button to dial them again.

▷ **Erase all numbers**
If you confirm this display with the OK button, all of the entries in both lists (calls made and received) are deleted immediately.

My phone number(s)

As you may not always know your own number, you can enter the number of your own telephone and four other numbers here and call them up when necessary.

The entries are added to the SIM card. Some SIM cards do not include this option – on certain cards, fixed numbers are already saved and they cannot be changed.

Fixed dialling

This option depends on the type of SIM card.

Using your card, you can restrict the use of your telephone so that only specified phone numbers or country or area codes can be dialled. The numbers which you have enabled are saved in a fixed dialling list which contains up to 20 memory locations.

In order to make a call while an option is active, either enter the number directly or select the number from the fixed number list.

Phone book menu: operating instructions

One-touch dial setting

You specify the phone book list that is
to be accessed for one-touch dialling
(by name or locations).

▷ **To SIM memory**
  You activate the phone book on your
  SIM card.

▷ **To phone memory**
  This option is not used as it is not
  possible to set up a directory in the
  telephone itself.

▷ **To fixed dial list**
  You activate your fixed number list.
  This option is only possible if the
  "Fixed dialling" option is available.

MENU

Menu
Options

Call-related features
See page 32

→ OK

- Do not display my number
- Call diversion
- Speech and fax
- Call waiting
- Call barring

Message
See page 38

→ OK

- Call voicemail
- Received messages
- Outgoing message
- Message editor
- Cell broadcast
- Message setting

Phone set-up
See page 42

→ OK

- Adjust ringing volume
- Ringing tone "On" or "Off"
- Set ringing tone
- Phone lock
- Require PIN code
- Change PIN2 code
- New security code
- Extended menus
- Language selection
- Change greeting
- Select keypad sounds
- Telephone status
- Keypad guard

MENU

Network selection
See page 46

→ OK

- Networks available
- Network search
- Preferred networks
- Find new network

Call meters
See page 50

→ OK

- Show call charges
- Show call timers
- Set audible call timers
- In-call display
- Adjust charges
- Timer

Accessory set-up
See page 54

→ OK

- Mute car radio
- Automatic answer
- Safety timer

Quit options
menu

Overview of services menu

This overview covers a large number of possible settings.

The page numbers in the chart indicate where the complete option is described, so that you can refer to the illustrations.

▷ Menu items shown in grey are displayed when the "Extended menus" function is active; see page 44.◀

Follow the menu-guided operating procedure:

[MENU]

Entering the menu.

[MENU]

Takes you to the options which are arranged one under the other.

[⌚ OK]

Takes you to the options which are arranged beside each other.

[☎ᴄ]

Takes you out of the menu step-by-step or cancels an option.

[⇧] [☎ᴄ]

Takes you out of a menu immediately.

[📞 OK]

Restrict my phone number → [📞 OK]
- Specify next call ID
- Block next call ID

Call diversion → [📞 OK]
- Divert when unreachable → [📞 OK] — On / Off
- Divert all calls → [📞 OK] — On / Off
- Divert individually → [📞 OK] — Divert voice calls → [📞 OK]
  - Divert all voice calls → [📞 OK] — On / Off
  - If engaged → [📞 OK] — On / Off
  - If no response → [📞 OK] — On / Off
  - If unreachable → [📞 OK] — On / Off
  - Divert faxes → [📞 OK] — On / Off
  - Divert data transmissions → [📞 OK] — On / Off
- Delete all diversions

Speech and fax → [📞 OK] — On / Off

Call waiting → [📞 OK] — On / Off

Call barring → [📞 OK]
- Block outgoing calls → [📞 OK]
  - International calls
  - International calls except home
  - All calls
  - Off
- Block incoming calls → [📞 OK]
  - Roaming
  - All calls
  - Off
- Change barring code

[MENU]

[📞 C] Quit call-related features
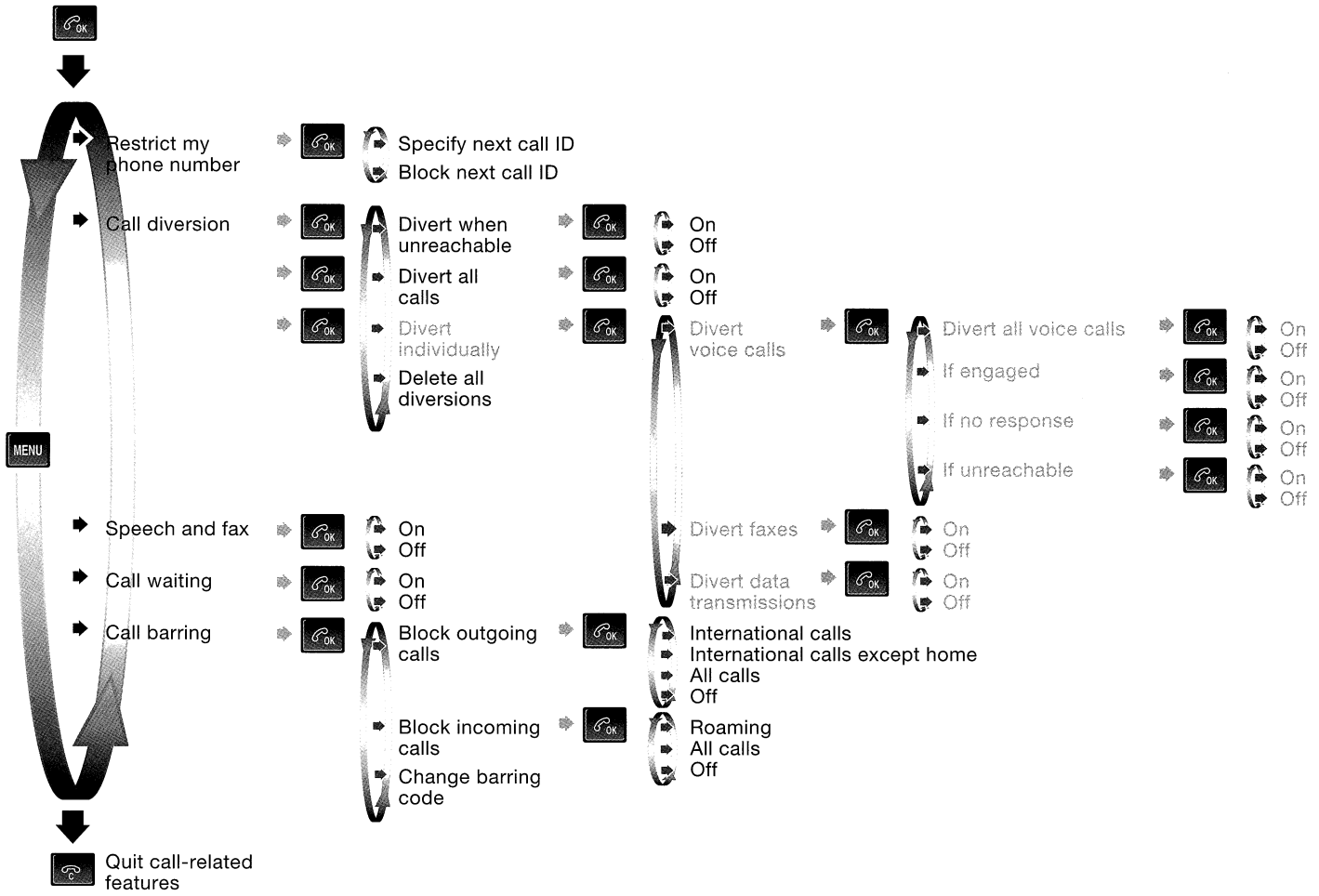
Call-related features

Restrict my phone number

This is a network function that you have to register with the network operator.

With this function, you can specify whether your phone number is shown on the subscriber's display or not.

▷ Menu items shown in grey are displayed if the "Extended menus" function is active; see page 44.◀

▷ **Specify next call ID**
Your phone number (ID) only appears on the display of the person you are calling the next time you ring, but not after that.
▷ **Block next call ID**
Your phone number (ID) is not shown on the display of the subscriber you are dialling the next time you ring, but is however displayed for each subsequent outgoing call.

Call diversion

Using this function, you can divert incoming calls to another telephone. You do not get a message when a call is put through and diverted.

You can reach this option via rapid access (see page 14). Each time the OK button is pressed, the call diversion settings are either activated or de-activated. You can set the following options:

▷ **Divert when unreachable**
▷ **Divert all calls**
▷ **Divert individually**
With this function, you can divert phone calls and fax and data transmissions. This option depends on your SIM card. It is ignored if either of the options "Divert all" or "Divert if unreachable" are selected.
▷ **Delete all diversions**
If you press the OK key when this is displayed, all call forwarding is deleted.

Speech and fax

This is a network function that you have to arrange with your service provider, including any necessary additional hardware. This function enables you first to speak during the connection and then send or receive a fax.

Before you begin a phone call or fax connection, make sure of the following:

▷ Your telephone has to be ready to receive an incoming fax, i.e. it is switched off beforehand, attached to the fax machine or computer and switched on again. It is not possible to attach it to the fax machine if a connection is already in progress.
▷ The call and fax mode has to be set to "On".

The telephone automatically changes to fax mode if you begin transmitting the fax during a call and fax connection.

The fax transmission is automatically cancelled as soon as it is finished. The telephone cannot be switched to call mode during a fax connection. Furthermore, the trading functions ("call waiting" or "hold") are not available during a call and fax connection.

You must bear the following in mind in relation to incoming calls and fax transmissions:

▷ If your telephone is not set to receive a fax message, you can only use the telephone for speaking.
▷ If your telephone is set to receive a fax, but the call and fax mode is switched off, the call is automatically connected to your fax and you cannot use your telephone to speak.

The settings "On" and "Off" apply to the next and all subsequent calls.

Call-related features

Call waiting
(Call waiting and trading)

You decide whether you should receive a message for an incoming call while you are already speaking to somebody (call waiting), and also whether you wish to dial another phone number while you are talking with somebody on your telephone (trading).

▷ **Call waiting**

If you have selected the "On", option, you will hear a signal for an incoming call and a message appears in the display.

```
Call waiting
    Answer
```

You have the following possibilities:

1 To finish your current telephone conversation and accept the waiting call:

[MENU]

[Ending active call] [ⓘₒₖ]

[ⓘₒₖ]

2 To hold off the waiting call press:

[☎]

The person that is ringing hears an engaged tone and the call is forwarded if you have set your telephone in this way.

3 To accept the waiting call and hold the current one:

[ⓘₒₖ]

As soon as you finish the intervening call, you are automatically returned to the first.

You can switch from one phone call to the other as often as you like, i.e. from your current call to the call that is being held. In order to do this press:

[MENU]

[Switching calls]

[ⓘₒₖ]

If a call is waiting while a second connection is being held and the first conversation is still in progress, you can only speak to the new caller after terminating one of the existing calls.

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▷ **Trading**

If you have set the "Call waiting" option to "On", you can dial another number during your current call, carry on another conversation in between, and then return to the first active conversation. Press the following during the call that is to be held:

| MENU |

| Trade call | | OK |

| MENU |

| New call |

| OK |

(Area code + phone number) | OK |

Continue the call in the usual way.
To return to the call that is being held:

| OK |

A quick method of making an intervening call is to enter the number directly and have this number dialled by pressing the OK key during the call that is being held. However, in this case the person at the other end can hear the dialling tones.

Call barring

This is a network function that you have to register with the network operator. You will then be issued with a blocking password.

There are various possibilities for barring calls. You can still ring the emergency number even if you bar all outgoing calls.
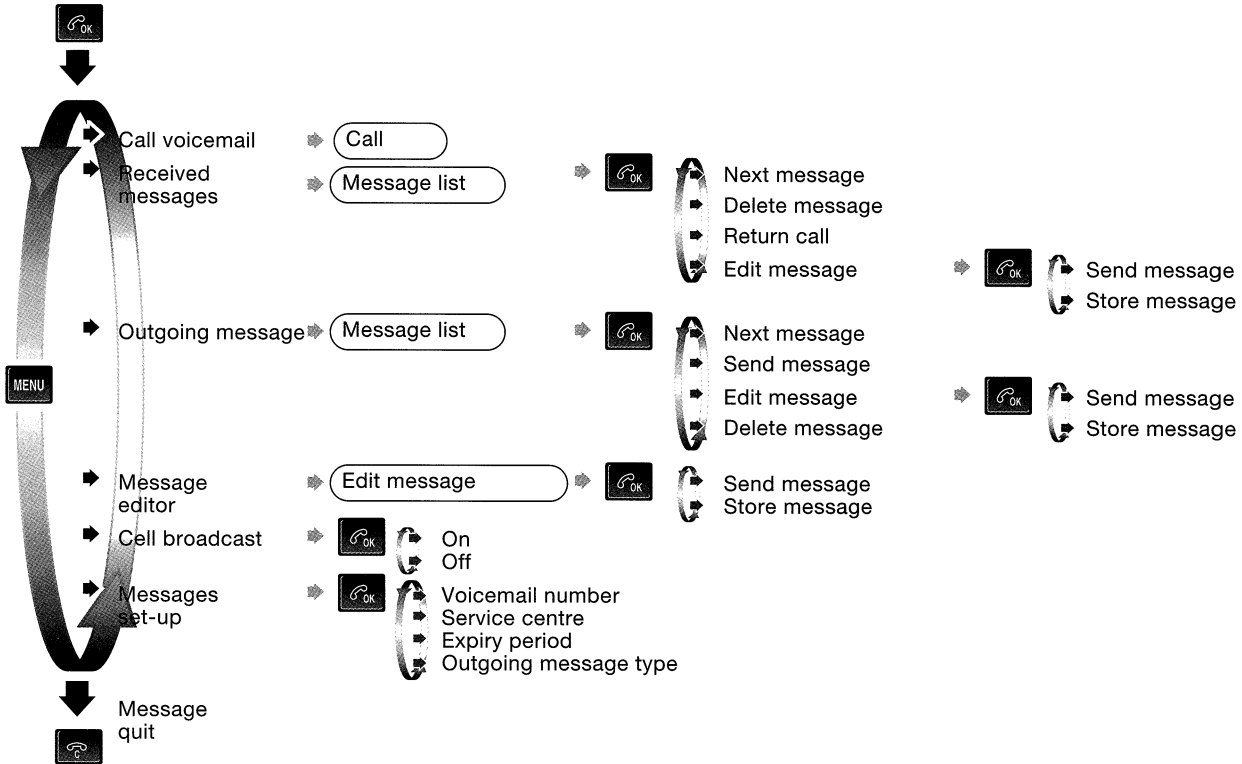
▷ **Roaming**
means that incoming calls are barred when you are abroad.
▷ **Change barring code**
You need this for barring. It is identical with the barring password. It is obtained from the network operator.

Call voicemail → Call

Received messages → Message list → Next message

Delete message

Return call

Edit message → Send message

Store message

Outgoing message → Message list → Next message

Send message

Edit message

Delete message

Send message

Store message

Message editor → Edit message → Send message

Store message

Cell broadcast → On

Off

Messages set-up → Voicemail number

Service centre

Expiry period

Outgoing message type

Message quit

MENU

Message

Messages in general

All message options must be agreed on with your service provider.

You can use your telephone to receive SMS and Cell Broadcast messages.

If a message is received, the telephone tries to store it on the SIM card. Your telephone emits three short sound signals.

✉

The message symbol lights up at the same time; if there is no space available, it flashes. In the latter case, you must delete some messages.
The message is only transmitted for a limited time, as specified by your service provider. If there is no storage space available during this time period, the message is deleted.

Calling voicemail

Once "OK" is pressed, this option automatically dials the number of your voicemail.

However, there are some requirements here: The voicemail number must have been entered under the "Message set-up" option (last on the list) and the option has to be agreed upon with your service provider.

Received messages

This first shows the number of messages that were specifically sent to your telephone. A distinction is made between newly received messages and those that have already been read. The first message is displayed automatically after a short time. To read the message and additional data (the time it was sent and, if applicable, the phone number of the sender) in each case, press:

| MENU |

The following appears in the display when the message is finished

| Find |

After a short while, the next message is automatically displayed.

In order to select a particular message, enter the position it has on the list and wait for a moment.

If you press the OK key while you are reading a message, you can have the next message displayed, delete the current message, process the message or return the call if the phone number was transmitted with the message or entered in the text in inverted commas (" ").

An overview of keypad inputs is shown on page 20.

| ▷ | Always save a message after it has been processed, otherwise all changes are lost as soon as the next message is selected.◄

Outgoing message

All of the messages that are ready for despatch are displayed. If you wish to process them further, press the following key while the message is being displayed:

| OK |

An outgoing message cannot be sent off until the number of the service centre has been selected. See the (last) option in the list.

Message editor

You can process the displayed message and then either send it or add it to the list of outgoing messages.

Message

Cell broadcast

Messages of this type are general and are sent to a group of users. These messages can only be accepted by your telephone if you have entered a channel for the transmission using this option. Your network operator will gladly provide you with a list of the available channels and the information that is sent on them. To pause the message that is running on the display at any point:

To return to the beginning of a message to view it again:

To delete a message:

Message settings

▷ **Voicemail number**
If a number is already saved, it is displayed. It can be confirmed, changed or deleted.

▷ **Service centre**
You require the number of the service centre to receive cell broadcast messages. You can obtain this from your service provider.

▷ **Expiry period**
You define the number of hours your message should be saved in the service centre before it can be deleted. This time period is settled with the service centre.

▷ **Outgoing message type**
This option depends on the network. You can specify the format of the messages by selecting one of those in the display.

Adjust ringing volume		High / Medium / Low		
Ringing tone "On" or "Off"		On / Off		
Set ringing tone		Standard tone / Music tone		
Phone lock		Automatic lock / Lock now / Change unblock code		On / Off
PIN code required / Change PIN2 code / New security code		On / Off / Change PIN code		
Extended menus		On / Off		
Language selection		Automatic / Dansk ... / ... Türkçe		
Change greeting				
Select keypad sounds		Normal sounds / Single sounds / No sound		
Phone status		Check status / Global resetting / Reset and erase		
Keypad guard		On / Off		

Phone set-up
quit

Phone set-up

▷ Menu items shown in grey are displayed with the "Extended menus" function is active; see page 44.◀

Phone lock

▷ **Automatic lock**
"On" locks the telephone for all use the next time it is switched off. Although you are informed of incoming calls, you cannot take them.
After you have entered the PIN code, the unblock code is queried before the telephone can be used. This lock remains in force until you reset the option to "Off". The factory setting of the unblock code is "1234".

▷ **Lock now**
Locks your telephone for all use. Although you are informed of incoming calls, you cannot take them.
The lock is effective until the first time that the unblock code is entered, and has to be inserted again if necessary. The factory setting of the unblock code is "1234".

If you do not know the unblock code but you do know what the security code is, you can also use the latter to remove a phone lock:

▷ **Change unblock code**
In order to do this, you need the security code. The factory setting for this is "000000". After you have entered the new unblock code, you receive a message stating that the same code also applies to removal of the phone lock.
You can also access this option when the telephone is locked. In order to do this, press the following when "locked" appears in the display:

▨MENU ▨MENU

PIN code required

If the SIM card does not allow the PIN code to be deactivated, these menu options are not displayed.

▷ **Change PIN code**
The new PIN code must contain between four and eight digits. To change it, the option "PIN code required" must be set to "On". The existing PIN-Code is also needed.

▷ The SIM card is blocked if the incorrect PIN code is entered on three consecutive occasions. To remove the block, see page 16.◀

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Change PIN2 code

▷ The PIN2 code is used with special SIM cards. It enables you to offer restricted options to a second user.◀

In order to do this, you need the PIN2 code that has been used up until now. The new PIN code must contain between four and eight digits.

▷ If an incorrect PIN2 code is entered three times in succession, the "blocked" display appears. You then have no access to the options for which the PIN2 code is needed, for example "Set fixed dialling" and "Set charge meter".◀

To remove the block:

⬆️ 📞

⬅️✳️ ⬅️✳️ 0+ 5JKL 2ABC

⬅️✳️ (PUK code) 🔑OK

(New PIN2 code) 🔑OK

(New PIN2 code) 🔑OK
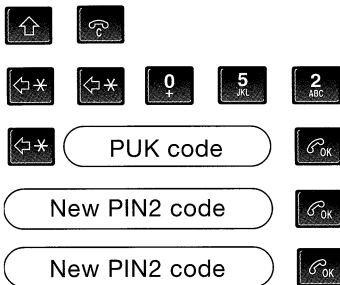
▷ If this procedure is carried out incorrectly ten consecutive times, the PIN2 code is blocked permanently. Please contact your service provider.◀

You received the PUK code from your service provider together with your SIM card.

New security code

You require this in order to access the security functions. The factory setting for this is "000000". A new security code must also contain six digits.

Extended menus

You decide whether you wish to have all of the options in a menu displayed. If "Off" is selected, the options shown in grey in the overviews are no longer displayed and cannot be selected.

Change greeting

With this function, you can specify the second display that appears after you switch on the telephone. It can have up to 24 characters. To enter letters, see page 20.

Phone status

▷ **Check status**
This shows you which settings no longer correspond to the standard set-up. After the first display, please continue scrolling further yourself.

Phone set-up

▷ **Global resetting**

Use this function with care; resetting has extensive consequences. ◄

It is only possible to use this function when the security code has been entered. The following is a list of the individual consequences:

The following are switched off:
Set in-call display
Automatic hands-free
Automatic answer
Automatic lock
Battery saving mode
Auxiliary alert
Calls and fax

The following are reset to the factory setting:
Short message type (in text)
Network search type
Call volume
Ringing tone
Expiry period for short messages (to 23 hours)
Language selection
Keypad tones

▷ **Resetting and erasing**

Use with extreme care; erasing in particular has extensive consequences. ◄

Resetting and erasing are only possible after the security code has been entered.

The following is a list of the individual consequences:

The same processes are carried out as with "Global resetting".

In addition to these, the following entries are deleted:
The current message in the message editor
The "Last calls made" list
The "Last calls received" list.
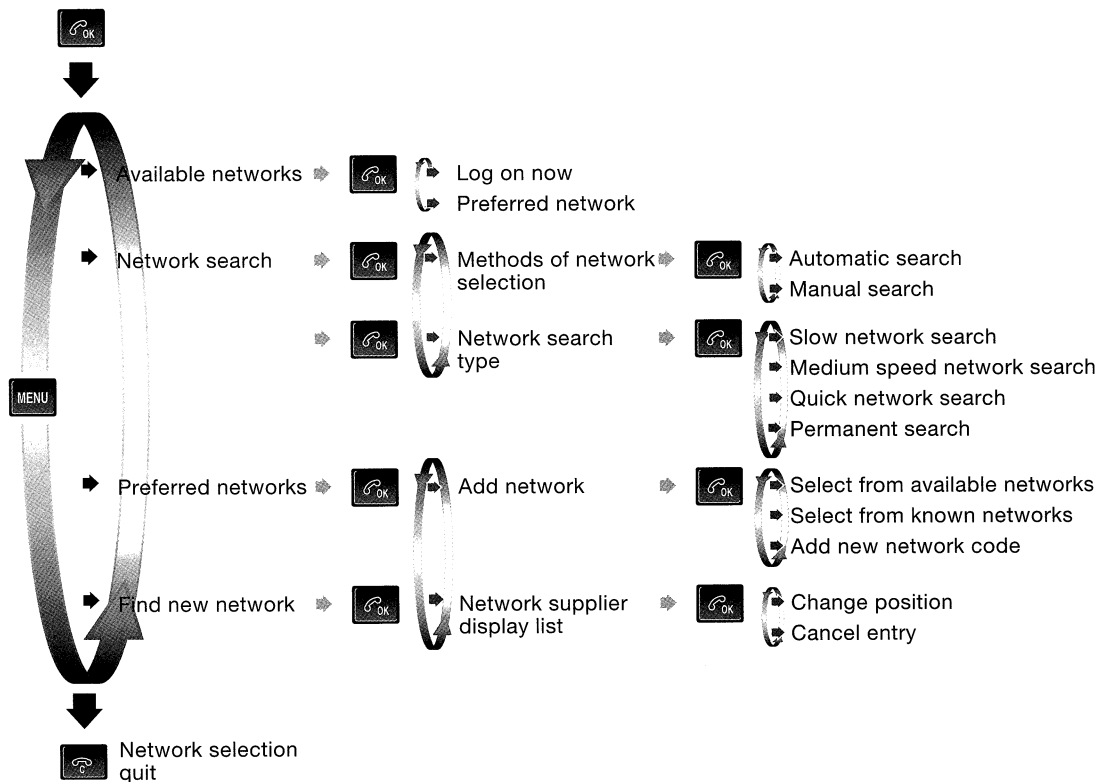
The resettable meter is also zeroed.

The following lists and meters are **not** deleted:
Outgoing messages
Received messages
Fixed dialling
Charge meter
My phone number(s)

Keypad guard

If the keypad is set to "On", it is always switched off when the handset is in the rest. This means that no keys can be accidently touched while you are driving. However, you can no longer accept a call by pressing the OK key. Switch to "Automatic answer", see page 55, or take the calls via MFL, MID or on-board computer.

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Available networks → [OK] Log on now
Preferred network

Network search → [OK] Methods of network selection → [OK] Automatic search
Manual search

[OK] Network search type → [OK] Slow network search
Medium speed network search
Quick network search
Permanent search

Preferred networks → [OK] Add network → [OK] Select from available networks
Select from known networks
Add new network code

Find new network → [OK] Network supplier display list → [OK] Change position
Cancel entry

MENU

Network selection quit

Network selection

The telephone must be logged on to a network so that you can make and receive calls.

The telephone automatically searches for the network that was last used. If for some reason this network is not available, the telephone tries to log on to a new network, and in doing so, it sets up a list of networks in the following order:

▷ Home network
▷ Networks from a list of preferences (you can form this list from the options in this menu)
▷ Randomly selected networks with a specified signal intensity
▷ All remaining networks in order of signal intensity.

Unauthorised networks which are not memorised on the SIM card are not included in the list.

If no network is found, the following appears in the display:

No reception

Available networks

If the telephone finds a network after the search process, it is displayed. In order to have the others displayed (if required):

MENU

To decide on whether to log on to the displayed network or to insert it into your list of preferences, press:

OK

▷ **Log on now**
After OK is pressed, the telephone tries to log on to the selected network. If this is not possible, it logs on in the standard way.
▷ **Enter the network in list of preferences**
You can enter a network in your list of preferred networks. The telephone displays the next free position in the list. You can either accept this position using the OK key or enter another, thus rearranging the priorities.

Network search

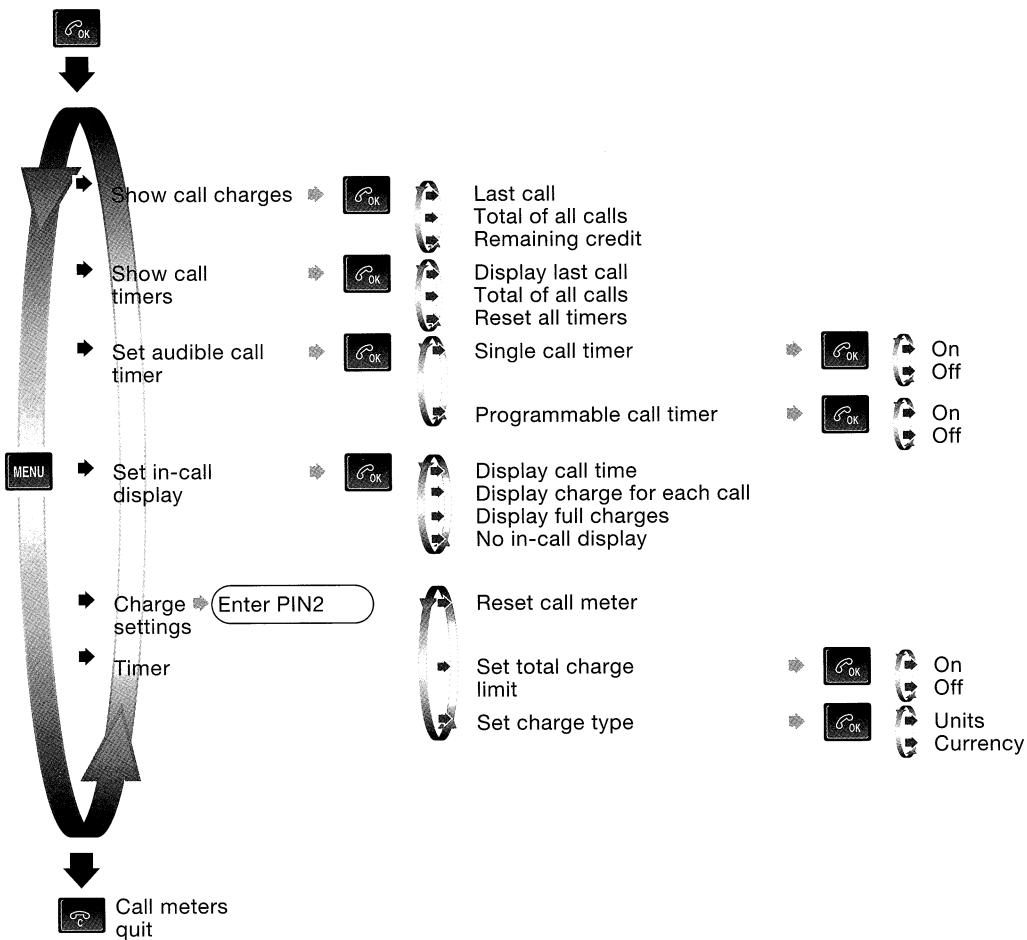▷ **Methods of network selection**
Automatic:
Automatic means that the telephone tries to log on to the first network in the list. If this is not possible, it tries to log on to the other networks in the list. If it cannot log on to one of the listed networks, it starts from the beginning after a specified interval. You can specify this time interval using the "Network search type" option.
Manual:
Manual means that you select a network and press OK to log on.
If this is not successful, the list reappears in the display after a specified length of time. You can set this period of time with the next option "Network search type".

▷ The settings for the network selection are only valid while the telephone is switched on. The next time it is switched off and on again, it automatically returns to the search mode and logs on again according to the entries in the network list.◄

▷ **Network search type**
The settings "Quick network search" and "Permanent search" require more power.

Preferred networks

▷ **Add network**
You are offered various means of entering networks into the list of preferences.
The network in the display at any one point can be inserted into the list using the OK key. The telephone shows the next free position. You can either accept this position using the OK key or enter another, thus rearranging the priorities.

▷ **Network supplier display list**
The preferred list is displayed. If you press the OK key while one network supplier is being displayed, you can either change the position of the network supplier by assigning a new priority to it or delete it.

Find new network

The telephone searches for a new network; in doing so, it does not take the current network, onto which it has just logged, into account. It only goes back to the current network if it cannot log on to another.

Show call charges → [OK] → Last call
Total of all calls
Remaining credit

Show call timers → [OK] → Display last call
Total of all calls
Reset all timers

Set audible call timer → [OK] → Single call timer → [OK] → On
Off

Programmable call timer → [OK] → On
Off

[MENU] → Set in-call display → [OK] → Display call time
Display charge for each call
Display full charges
No in-call display

Charge settings → Enter PIN2 → Reset call meter

Timer → Set total charge limit → [OK] → On
Off

Set charge type → [OK] → Units
Currency

Call meters quit

Call meters

Your telephone has a meter which provides you with information on the duration and cost of phone calls.

The telephone requires metering pulses to display the cost or charge; this has to be registered with your service provider.

The decision on whether to have the duration or cost displayed can be made under "Charge settings" (see the second last option in this menu).

You can also set a limit to the charge. The telephone monitors the units used or the call charge and as soon as you reach the specified limit, it bars any connections with charges.

Show call charges

Either the telephone units or the charges are displayed depending on what you have defined under "Charge settings" (see the second last option of this menu).

Show call timers

The duration of the calls can be displayed and the meter reset to zero.

If the telephone receives metering pulses, all connection times are measured. Otherwise, depending on the model, either all connections or only outgoing calls can be taking into account.

▷ **Total for all calls**
   This shows the duration of all calls since the last time the meter was reset (see the next option).
▷ **Reset all meters**
   Simply by pressing the OK key, the two meters in this option are reset to zero.

Audible call timer

You can set your telephone so that, during a call, you hear a signal after a specified length of time.

▷ **Single call timer**
   The signal is heard once.
   10 seconds before the set time has elapsed.
▷ **Programmable call timer**
   The signal is heard at regular intervals:
   10 seconds before the set time has elapsed in each case.

In-call display

During a telephone connection, it is possible to have the duration or, if you have applied for a metering pulse, the charge units displayed continuously. You specify what is to be displayed under "Call charge settings" (see the second last option in this menu).

If a limit has been set, (see "Remaining credit" in the first option of this menu), the remaining credit is shown with it.

▷ **Display call time**
If a metering pulse is received, only the time for calls with charges is displayed.

▷ **Display charge for each call**
This is only possible with a metering pulse, which has to be arranged with your service provider.

▷ **Display full charges**
This is only possible if you have a metering pulse.

Charge settings
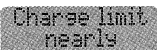
This option has to be made available by your service provider. You also require a PIN2 code for this option.

You specify whether you wish to have the time or charge displayed to monitor your calls.

▷ **Set total charge limit**
You can enter a limit, so that as soon as this limit is reached all connections with charges are blocked. You enter either the telephone units or the charge, depending on the setting you have defined under "Set charge type". The value entered has to be a whole number.

If you have specified a limit, the remaining credit is displayed during an outgoing call. A warning signal is given two minutes before the limit has been reached and the following is displayed:

> Charge limit
> nearly

The warning signal is repeated after another minute has elapsed; a corresponding message is displayed and the telephone is at the same time disabled for all calls with charges.

In order to be able to make further calls with charges, you have to either reset the charge meter or set the "Set total charge limit" to "Off". Both of these settings can be found under this option.

▷ If the charge limit is set to "On", no fax or data connections are possible.◄

Set charge type

Using these settings, you can specify the units in which the displays appear for all of the call meter options, e.g. as duration of the calls, the telephone units or call charges.

Timer

Shows the total duration of all phone calls made using your telephone. This cannot be reset.

Menu
Options

Accessory set-up ➡ [📞OK] ➡ Muting car radio ➡ [📞OK] On / Off

Automatic answering ➡ [📞OK] On / Off

Safety timer ➡ [📞OK] ➡ (Enter minutes)

MENU

Quit options menu

Accessory set-up for the car

Muting car radio

The car radio is muted as soon as you begin to make a call or if you receive one.

Automatic answering

The telephone automatically accepts the call after two rings.

Safety timer

The factory setting for the safety timer is at 00 minutes. This means that your telephone switches off after the engine is switched off. This prevents the battery of your vehicle from discharging.

You can set the timer to any value you wish between 0 and 999 minutes.

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Operation via on-board monitor

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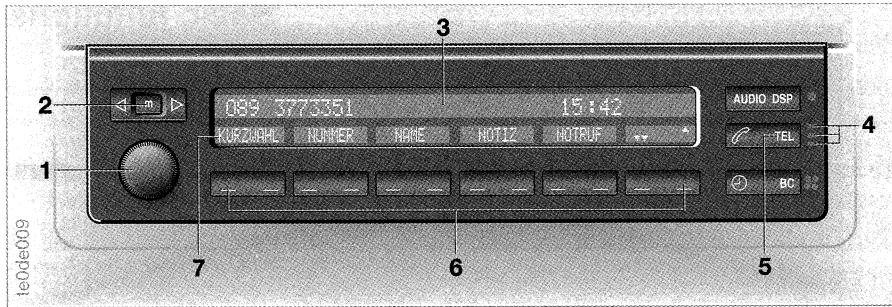
Displays and operating elements

1 Rotary knob for on/off, setting the volume in audio mode and the telephone hands-free mode.
2 Search key
3 Display for the symbols or messages in the various on-board systems
4 Indicator lamp for telephone operation
▷ if red, the telephone cannot be used; if it is flashing, only emergency calls can be made
▷ if green, connection has been made
▷ if yellow, telephone is logged onto a different network.

5 Function key for telephone operation
6 Function keys for the menu bar
7 Display for entry and query keys.

Telephone operation using MID

Using the MID, you can carry out the following telephone functions quickly and directly:

▷ Emergency call
▷ Dialling by name
▷ One-touch dialling
▷ Dialling by entering phone number
▷ Notepad function.

You can also call up information on the reception level, duration of call and call charges, and read SMS messages.

These functions will operate provided you have the relevant items in the telephone (services menu, call meter) using the handset or have activated the necessary functions.

The telephone can be operated using the MID as of ignition key position 1.

Activating telephone operation

Press the right of the key.

According to the symbols in the display, either insert the card or enter the code into the handset in each case.

Emergency call

It is also possible to make an emergency call in the GSM network without having entered the SIM card or code.

`📞 TEL`

Press the right of the key.

As an example, the following appears in the display:

`INSERT CARD!          3:42PM`
`                 SOS      `

Ignore everything in the display and press:

`SOS`

and then

`📞 TEL`

press the left of the key.

To end an emergency call:

`📞 TEL`

press the left of the key.

Entering your PIN code
(in preparation)

The system asks you to enter your PIN code when it is switched on (PIN = **P**ersonal **I**dentification **N**umber).

`ENTER PIN CODE        3:42AM`
`0  1  2  3  4  5  6  7  8  9  CLR SET`

The display asks for the PIN code.

▷ Enter the figures making up your PIN code one after the other.

`CLR  SET`

Press at the left if you need to correct an entry.

`CLR  SET`

Press at right to confirm the entry.

Dialling by name

`📞 TEL`

Press the right of the key.

As an example, the following appears in the display:

`                      3:42PM`
`MEMORY NUMBER  DIR.  NOTE PAD  SOS  ▼▼  ▼`

It is necessary to have memorised the relevant names with their numbers on the SIM card. See page 19

Calling up names:

`DIR.`

As an example, the following appears in the display:

`DIR.?                 3:42PM`
`ANNE  MIKE  JULIA  TOM  SOS  ▼▼  ▼`
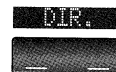
To call the subscriber JULIA, for example:

`JULIA`

then

`📞 TEL`

press the left of the key.

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Calling up further names:

Either press on the left or right of the key.

Further names are shown in alphabetical order.

Dialling via the TOP-8 function

Using this function, you can call up the 8 names or phone numbers that you dial most frequently. You can only use this function if you have memorised these names or phone numbers on your SIM card and if you have already called the subscribers in question.

Press the right of the key.

As an example, the following appears in the display:

```
                              3:42PM
 BILL  CHRIS  MIKE  SANDY  SOS  ▼▼ ▼
```

The names appear in alphabetical order. In order to call up further names (max. 4):

Press the left or right of the key.

To call up further functions:

Press the left or right of the key.

If a name has not been used very often recently, it is automatically removed from the TOP-8 list and has to be dialled using the "Dialling by name" function.

One-touch dialling

`TEL`

Press the right of the key.

If you have already made phone calls using the names or phone numbers from the SIM card, the following appears in the display, for example:

`                    3:42PM`
`OTTO  PAULA ROBERT SANDRA  SOS   ▼▼  ▼`

`▼▼    ▼`

Press the right of the key.

The following appears in the display:

`                    3:42PM`
`MEMORY  DIAL   DIR.  NOTE PAD  SOS  ▼▼  ▲`

It is necessary to have memorised the corresponding names and phone numbers on the SIM card. The one-touch dialling number is identical to the memory location.

Entering one-touch dialling number:

`MEMORY`

must be pressed.

The following appears in the display:

`LOCATION NUMBER?        3:42PM`
`0   1 2   3 4   5 6   7 8   9  ▼▼  ▲`
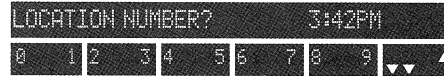
Enter the appropriate one-touch dialling number with the 0 - 9 keys.

To correct your entry:

`◁  m  ▷`

press either the left or right of the key and continue counting or overwrite the digits.

To call up a specific one-touch dialling number using the search key:

`◁  m  ▷`

Press the left or right of the key.

If no name is found under the one-touch dialling number that you have called up, the following appears in the display:

`LOCATION EMPTY!        3:42PM`
`0   1 2   3 4   5 6   7 8   9  ▼▼  ▲`
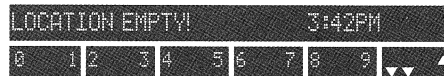
Dialling by phone number
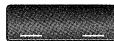
`TEL`

Press the right of the key.

The following appears in the display:

```
                    3:42PM
MEMORY  DIAL   DIR.  NOTE PAD  SOS  ▼▼  ▲
```

`DIAL`

press.

The following appears in the display:

```
DIAL?               3:42PM
0   1 2   3 4   5 6   7 8   9 CLR SET
```

Enter the appropriate phone number with the 0 - 9 keys.

To correct your entry:

`CLR      ▲`

if you press on the left of the key quickly, the digits are deleted one at a time.

`CLR      ▲`
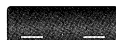
if you keep the left of the key pressed down, the entire number is deleted.

To call up a certain phone number using the search key:

`◁  m  ▷`

Press the left or right of the key.

You can use the search key to display the ten numbers first dialled, and then dial one of them.

Notepad function

You can also enter a new number in the notepad memory during a phone call and in this way store it on the SIM card.

`TEL`

Press the right of the key.

The following appears in the display:

```
                    3:42PM
MEMORY  DIAL   DIR.  NOTE PAD  SOS  ▼▼  ▲
```

`NOTE PAD`

The following appears in the display:

```
NOTE PAD?           3:42PM
0   1 2   3 4   5 6   7 8   9 CLR SET
```

Enter the appropriate phone number with the 0 - 9 keys.

To correct your entry:

`CLR    SET`

if you press on the left of the key quickly, the digits are deleted one at a time.

Multi-Information Display (MID)

```
CLR   SET
```
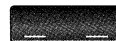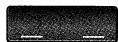
if you keep the left of the key pressed down, the entire number is deleted.

Saving phone numbers:

```
      SET
```
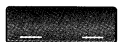
Press the right of the key.

Call up the number directly from the memory:

```
NOTE PAD
```
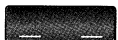
press and then, to dial

```
      TEL
```

press the left of the key.

Additional functions

You can call up the following information from all telephone functions:

▷ reception level
▷ call charges and
▷ call duration (assuming that charges have been selected; see page 52)
▷ reading SMS messages.

```
      TEL
```

Press the right of the key.

The following appears in the display:

```
                           3:42PM
MEMORY  DIAL  DIR.  NOTE PAD  SOS  ▼▼  ▲
```

```
▼▼      ▲
```

Press the left of the key.

The following appears in the display:

```
SIGNAL:  ▄▄▄█▌▄▄      3:42PM
METER  TIMER  SMS              ▲
```
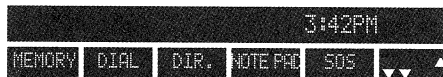
The reception signal is always displayed after a number has been dialled.

Calling up the charge display:

```
METER
```
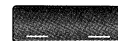
The individual charge for the current call and the total charge are displayed.

Calling up duration of call:

```
TIMER
```
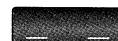
The duration of the current call is displayed. By pressing the SIGNAL key, the reception level is shown again.

To return to the initial function:

```
        ▲
```

Press the right of the key.

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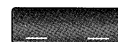
Reading SMS messages

The menu line shows memorised messages. The * symbol indicates messages that have not yet been read.

```
                           3:42PM
1   2 *3  4*                           ▲
```
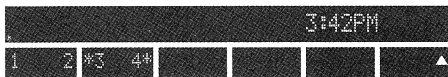
If more than 10 messages are memorised:

Press at right; the next memorised messages will be shown;
press at left to return to earlier messages.

```
1      2
```
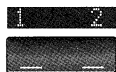
Press to display the memorised message.

Press at right to display the next line of text;
press at left to display the previous line of text.

```
CLR    ▲
```

Press at right to display the message overview.

Calling the sender back

With message displayed

```
TEL
```

press at left to dial the sender.

Erasing message

```
CLR    ▲
```
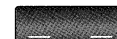
Press and hold in at left for more than 3 seconds; the message being displayed will be erased.

Multi-function steering wheel (MFL)

Telephone mode

Making calls via the MFL is only possible if the names and number are memorised on the SIM card. However, calls can be received at any time.

After the telephone has been activated using the MFL, the system requires – depending on the number of names stored – a waiting period until all the names and numbers are transferred from the SIM card.

You can activate the following functions by pressing the key:

Scroll forwards in the phone book.

Change volume on hands-free unit (this is only possible during a call).

Scroll backwards in the phone book.

Change from radio to telephone mode.

Accept call, activate phone number, end call.

The R/T key and the reception key only operate if the BMW telephone was installed at the factory.◀

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Start-up

The on-board monitor can be used to carry out the following telephone functions quickly and directly:

▷ making an emergency call
▷ dialling by name
▷ dialling by entering phone number
▷ reading SMS message.

In addition, you can call up information on the reception level, the duration of the call and the call charges.

These functions will operate provided that you have stored the relevant items in the telephone using the handset or that you have activated the functions, as the case may be.

It is possible to use the telephone in the hands-free mode from ignition key position 1 on, via the on-board monitor.

If any malfunctions occur, consult your nearest BMW Service point for assistance (see BMW service directory).

⚠ Do not use any domestic cleaning products or chemical cleaning agents. Keep all forms of liquid away from the on-board monitor.◄

Call up the menu screen:

🔲 MENU

Select "Telephone" in the menu:

⬤

Turn until "Telephone" is selected and then activate by pressing.

▷ If subscribers are already memorised under TOP-8, they will be displayed. Otherwise the subscribers memorised in the index will be displayed.◄
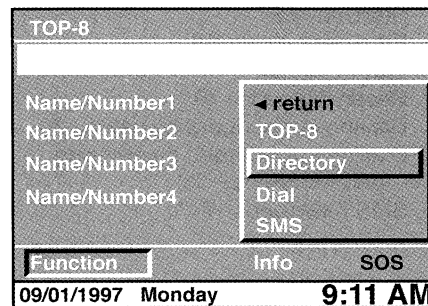
The telephone functions described below are called up from this menu.

Emergency call

An emergency call in the GSM network is possible via the on-board monitor from any telephone menu level, even without inserting the SIM card and without entering a code.

Select function in telephone menu:

⬤

Turn until "SOS" is selected and then activate it by pressing it.

The display window will show "SOS" and where you are located at the time.

To start an emergency call:

📞

Always tell the emergency centre your phone number and your location.

To end an emergency call:

📞

Entering PIN (in preparation)

```
PIN-CODE
ENTER PIN CODE!

        4 3 2 1
       5         C
       6         ▶
       7         #
        8 9 0 *

09/01/1997  Monday        9:11 AM
```

```
PIN CODE
ENTER PIN CODE!

   1   2   3
   4   5   6
   7   8   9
   C   0   #

02/09/1997 Tuesday        9:23 AM
```
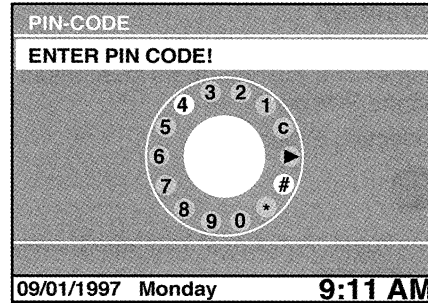
▷ Depending on your on-board monitor's equipment, one of the two starting screen displays will appear.◀

When starting up, the unit asks you to enter your PIN code (PIN = **P**ersonal **I**dentification **N**umber).

The request to enter the PIN code appears on the display.

Enter the figures of your PIN code one after the other.

⬤

Turn until the desired figure is marked; press to confirm the entry.
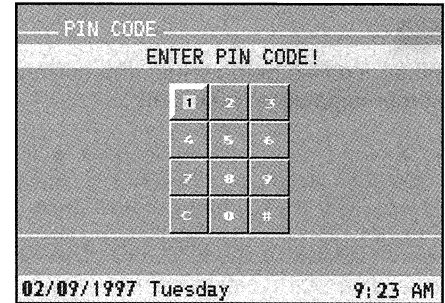
To terminate the input:

⬤

Turn to "#";
press to confirm the PIN code.

Dialling subscribers by name

When a call is being taken, the current screen display is irrelevant.

Directory

It is necessary to have the relevant names and their numbers memorised on the SIM card.

Selecting a function:

Turn until "Functions" is marked; press to activate.

Turn until "Directory" is marked; press to activate.

The first eight names appear on the screen in alphabetical order.

Selecting a subscriber:

Turn until the required name is marked and then activate by pressing it.

The name and then the phone number of the subscriber appear in the display window.

Start dialling:

Scrolling in the directory:

Turn until << (descending) or >> (ascending) is selected and then activate by pressing it.

Dialling subscribers by name

TOP-8

With this function, you can call up the names or phone numbers of the eight subscribers that you most frequently call from the phone book.

Selecting a function:

Turn until "Functions" is marked; press to activate.

Turn until "TOP-8" is selected and then activate by pressing it.

Selecting a subscriber:

Turn until the required name is marked and then activate by pressing it.

Start dialling:

Ending a call:

If a name has not been used very often in the recent past, it is automatically eliminated from the TOP-8 list and has to be dialled via the "Directory" function.

Erasing names/numbers in the TOP-8 list

Turn until the name or the number you wish to erase is marked.

Keep pressed until the name or number is deleted.

Number memory

The last ten numbers dialled can be queried using the number memory. As soon as other phone numbers are dialled, the tenth (last) number is always deleted.

Select the function in the phone menu:

Turn until "Functions" is marked; press to activate.

Turn until "Dial"/"Keys" is marked; press to activate.

Turn until "Number memory/Memory keys" is marked and then activate by pressing it. The number last dialled will be displayed.

Dialling further subscribers:

Turn to left; the last ten numbers memorised will appear in the display window, in reverse order beginning with the tenth (last).

Turn to right; the last ten numbers memorised will appear in the display window (in normal order beginning with the most recent number).

To start dialling:

Ending the call:

Delete phone number from number memory:

Turn until the phone number to be deleted appears on the screen.

Press and turn until the dial is selected.

Press and turn until "C" is selected.

Keep pressed until the number is deleted.

If the digits are deleted one by one, i.e. by quickly pressing the key, the number remains in the memory.

Dialling subscribers by entering phone number

DIAL

089123

Number
Memory

4 3 2 1
5   c
6   ▶
7   #
8 9 0 *

Function   Info   SOS
09/01/1997 Monday   9:11 AM
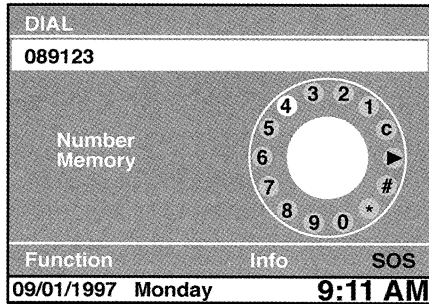
▷ Depending on your on-board
monitor's specification, one of the
two initial screen displays will appear.◀

Selecting a function:

⬤

Turn until "Functions" is marked; press
to activate.

⬤

Turn until "Dial"/"Keys" is marked, then
press to activate.

Keys

089123

1 2 3
4 5 6
7 8 9
← c * 0 #

Memory
Keys

Function   📞   SOS
02/09/1997 Tuesday   9:23 AM
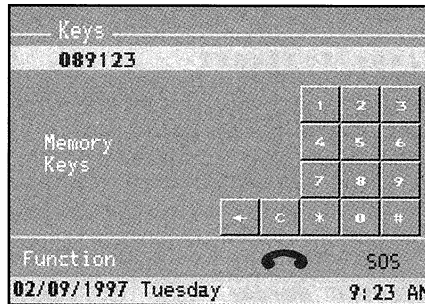
Entering phone number:
Example for 089...

⬤

Turn until the figure "0" is selected and
then activate by pressing it.

⬤

Turn until the figure "8" is selected and
then activate by pressing it.

⬤

Turn until the figure "9" is selected and
then activate by pressing it.

Enter the entire number in this way.

The entered figures are taken over in
the display window.

To correct a number:

⬤

Turn until "C" is selected and then acti-
vate by pressing it.

Quickly press: the last digit entered is
deleted.

Keep pressed in for a short time: the
entire number is deleted.

To quit number entry:

⬤

Turn until "▶" or "←" is marked, then
press to quit number entry.

Start dialling:

📞

Ending a call:

📞

SMS messages	
* SMS 1	* SMS 6
* SMS 2	* SMS 7
* SMS 3	* SMS 8
* SMS 4	* SMS 9
* SMS 5	>>
return	SOS
09/01/1997 Monday ✉ 9:11 AM	

SMS 01.09.97 08:30	
+491711234567	
Please call the office back!	
return	delete	SOS
09/01/1997 Monday ✉ 9:11 AM	
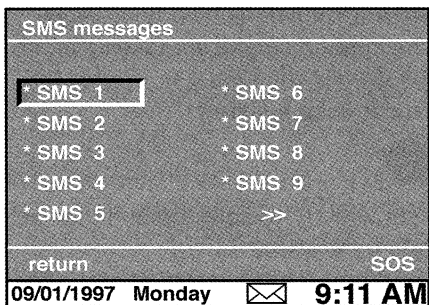
Reading SMS messages

Selecting a function:

⚫

Turn until "SMS" is marked, then press to activate.

All memorised SMS messages will be shown. The * symbol indicates unread messages.

⚫

Turn until the desired message is marked;
press to display the message.
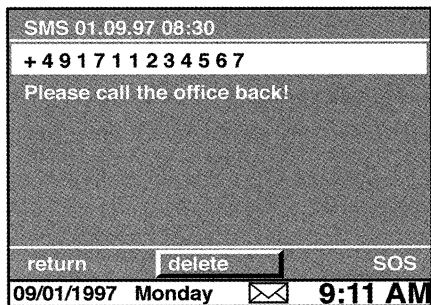
Calling the sender back

With the message displayed

[📞 TEL]

Press at left; the sender will be dialled.

Delete message

⚫

Turn until "delete" is marked;
press in for more than 3 seconds to delete the message.

▷ If a letter symbol appears in the status line, unread SMS messages have been received.◀

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Eavesdropping protection EIR

One of the major advantages of the D-network is the high level of protection against third-party eavesdropping: the messages are encrypted using a frequency change in the millisecond range, in such a way that it is very difficult to decode them and would demand a great degree of technological effort. If only one of the used frequencies is heard, the message cannot be interpreted at all. However, one hundred percent privacy cannot be guaranteed.

Equipment Identification Register. A device register that is directly connected to a switching centre. This automatically checks whether the mobile telephone has an authorization for the D-network and whether the telephone has been reported lost or stolen.

Cell broadcast messages

Cell broadcast messages are general notifications broadcast to a group of telephones, which you can only receive if your telephone is in the ready-to-operate mode.

Typical Cell broadcast message channels supply for example regional weather reports, traffic situation reports or the latest stock exchange prices. Please ask your service provider for a list of available channels and the information they broadcast.

When the end of a message is reached, it is displayed again from the beginning until you erase it or until a new message is received.

GSM

Global System for Mobile Communication. This is the international standard for the digital mobile radio, based on 900 MHz, which enables you to telephone across borders and use the standard emergency number (112).

SMS messages

Short Messaging System is a data service provided by the GSM mobile telephone network. It permits messages not exceeding 160 characters to be sent to and received from GSM phones. The SMS service was originally developed for internal GSM assistance services, for instance transmitting messages which have reached in the voice mailbox. Recently, however, the value of SMS for quite different purposes has been recognised.

Your BMW car phone can be used to transmit and receive SMS messages.

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As minor problems should not be allowed interfere with the pleasure offered to you by the many functions of your telephone, you are provided with a summary of the solutions to possible questions in the following.

If particular settings are to be made or checked, you will find references to further information (in brackets).

Basic functions

What if ...

You cannot make any calls?

▷ Is the signal intensity at a sufficient level – are you in a dead spot?
▷ Have you reached the set "Total charge limit"?
(Services menu, call meter, page 52)

You cannot make any entries at the handset?

▷ Is the keypad guard switched on?
▷ Lift the handset away from its support and, if necessary, cancel the keypad guard (services menu, telephone settings, keypad guard, page 45).

You cannot make any international calls?

▷ Are international calls barred on your telephone? (services menu, call options, page 36)
▷ Has access to international phone numbers been generally enabled on your telephone? Ask your service provider.

You cannot receive calls?

▷ Is the signal intensity at a sufficient level – are you in a dead spot?
▷ Has your telephone been set to "Divert all"?
(Services menu, call options, page 33)
▷ Has your telephone been set to "Call barring"?
(Services menu, call options, page 36)

You hear signal tones at regular intervals during a phone call?

▷ The "Call timer" is switched on to remind you of how long the call is taking (services menu, call meter, page 51).

The telephone does not switch off at the same time as the ignition?

▷ The switch-off timer has been activated (services menu, accessories set-up, page 55).

What if ...

Organisation of menus

What if ...

Some options do not appear in the display?

▷ They are in "Extended menus", shown on the menu displays in grey lettering (see drawing). Check this and if necessary activate the displays again (services menu, telephone settings, page 44).

▷ Your service provider does not offer this function or you have not arranged this function with your service provider. Please refer to this manual for information or ask your service provider.

You do not know which settings have been changed on the telephone?

▷ Have them displayed in "Checking status" (services menu, telephone settings, page 42).

The "Divert all" and "Call barring" functions cannot be switched off?

▷ Wait until you are in a place with a good network service and try again.

You can no longer obtain the extended menus in the display?

▷ These menu displays have been faded out – insert them again (services menu, telephone settings, page 44).

Codes and barring

What if ...

You do not know the unblock code?

▷ Try entering the factory-set code "1234" to see if it is still valid.

▷ If you know the security code, you can ask for the unblocking code. Select the option "Change unblock code". After entering the security code, the valid unblocking code will be shown (services menu, telephone settings, page 43).
If the display already shows "blocked", you can reach the relevant option by pressing the menu key twice.

You do not know the security code?

▷ Try entering the factory-set code "000000" to see if it is still valid. If not, please consult your service provider.

Cleaning

What if ...

You have to clean your telephone?

▷ Use a damp or static-free towel. Do not use dry or electrostatically charged cloths.

Display

What if ...

One of the following messages appears in the display:

Call?
Answer

The ringing tone is switched off and you are being informed that you have a call. Press the OK button and if necessary switch the ringing tone on again (services menu, telephone settings, page 42).

Engaged

The telephone is still carrying out your last command or it is still reading the SIM card as it has just been switched on.

Blocked

The incorrect PIN code was entered three times. To unblock, see "SIM card", page 16.

Restricted

Restrictions have been set under

▷ "Call barring" (service menu, call options, page 36)

or under

▷ "Fixed dialling" (phone-book menu, page 28).

Blocked

A phone lock has been set. Enter the unblocking code and cancel the lock if necessary (services menu, telephone settings, page 28). If you do not know the unblocking code, refer to page 81.

Blocked
Service release

The SIM card is blocked, possibly as a result of ten incorrect attempts to unblock the SIM card. This means that you cannot carry out any of the functions. Please contact your service provider.

Available GSM networks

Country	Network operator	Country code	Network code[1]	Display
Andorra	Mobiland	213	03	STA-MOBILAND
Australia	Mobilenet	505	01	MOBILENET
	OPTUS Mobile	505	02	OPTUS Mobile AUS
	Vodafone	505	03	VODAFONE AUS
Austria	E-Netz	232	01	A E-Netz
Bahrain	Mobileplus	426	01	BHR MOBILE PLUS
Belgium	Proximus	206	01	BEL PROXIMUS
Cyprus	Cytagsm	280	01	CY CYTAGSM
Denmark	TDK-Mobil	238	01	DK TDK-MOBIL
	Sonofon	238	02	DK SONOFON
Estonia	EMT GSM	248	01	EE EMT GSM
Finland	Telekom Finland	244	91	FI TELE FIN
	Radiolinja	244	05	FI RADIOLINJA
France	France Telecom	208	01	F FRANCE TELECOM
	SFR	208	10	F FSR
Germany	Deutsche Telekom Mobilfunk D1	262	01	D1-TELEKOM
	D2 Privat	262	02	D2 PRIVAT

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Country	Network operator	Country code	Network code[1]	Display
Gibraltar	Gibtel	266	01	GIBTEL GSM
Great Britain	Cellnet	234	10	UK CELLNET
	Vodafone	234	15	UK VODAFONE
	Jersey Telecoms GMS	234	50	Jersey Telecoms GMS
Greece	Panafon	202	05	GR PANAFON
	Stet Hellas	202	10	GR STET Hellas
Hong Kong	TCSL GSM	454	00	HK TCSL GSM
	HTCLGSM	454	04	HK HTCL GSM
	Smartone	454	06	HKSMARTONE
Hungary	Westel 900	216	30	H-WESTEL 900
	Pannon GSM	216	01	H Pannon GSM
Indonesia	Telekomsel	510	10	IND TELEKOMSEL
	Satelindocel	510	01	IND SATEL INDOCEL
Ireland	Eircell-GSM	272	01	IRL EIR-GSM
Italy	SIP	222	01	I SIP
	Omnitel	222	10	I OMNITEL
Latvia	LMT GSM	247	01	LV LMT GSM
Lebanon	LibanCell	415	03	RL LibanCell
Luxembourg	LUXGSM	270	01	L LUX GMS

Country	Network operator	Country code	Network code[1]	Display
Malaysia	Binariang	502	02	MY BRSB-GSM
Netherlands	PTT Telecom	204	08	NL PTT TELECOM
New Zealand	Bellsouth	530	01	BELLSOUTH NZ
Norway	Tele-mobil	242	01	N Tele-Mobil
	NetCom GSM	242	02	N NETCOM GSM
Philippines	Globe Telecom	515	02	Globe Telecom-PH
	Islacom Cellular	515	01	Islacom Cellular PH
Portugal	Telemovel	268	06	P TELEMOVEL
	Telecel	268	01	P TELECEL
Qatar	Qatarnet	427	01	QATARNET
Romania	LDTA GSM	886	92	ROC LDTA GSM
Russia	North-West GSM	250	0	NorthWestGSM
Saudi Arabia	MoPTT, DMTS-1	420	01	KSA MoPTT DMTS-1
Singapore	ST-GSM	525	01	ST-GSM-SGP
South Africa	VodaCom	655	01	VodaCom-SA
	MTN	655	10	MTN-SA
Spain	Telefonica	214	07	E TELEFONICA

Available GSM networks

Country	Network operator	Country code	Network code[1]	Display
Sweden	Telia Mobiltel	240	01	S TELIA MOBITEL
	Comviq	240	07	S COMVIQ
	Europolitan	240	08	S EUROPOLITAN
Switzerland	Natel D GSM	228	01	CH NATEL D GSM
Syria	Mobile Syria	263	09	SYR MOBILE SYR
Turkey	PTT Turkey	286	2)	TR TRPTT
United Arab Emirates	Etisalat-G1	424	01	UAE ETISALAT-G1
	Etisalat-G2	424	02	UAE ETISALAT-G2

[1] Initial 0 can be omitted during entries
[2] Not finalised when closing for print

Data and codes

Codes

PIN code

PIN2 code

PUK:

PUK2 code:

Factory-set unblock code: 1234

Factory-set security code: 000000

Password: (identical to barring code)

SIM card data

Phone number:

PIN code

Unblocking code:

Password:

Safety standards

Your telephone complies with all of the relevant security standards for radio telephones.

It complies, among other things, with the standards and recommendations of the following government agencies and other relevant organisations responsible for protection against electromagnetic radiation:

▷ Verband deutscher Elektroingenieure (VDE) DIN-0848 (Association of German Electronic Engineers)
▷ Directives of the European Community, Directorate General V for Radio Frequency Electromagnetic Energy matters
▷ National Radiological Protection Board of the United Kingdom. GS-11, 1988
▷ American National Standards Institute (ANSI)/IEEE.C95. 1-1992
▷ National Council on Radiation Protection and Measurements (NCRP). Report 86
▷ Department of Health and Welfare Canada, Safety Code 6.

EU Guidelines

Your telephone complies with all of the requirements set out in the relevant EU guidelines. The declarations of conformity are available under the following address:

Motorola Ltd.
European Cellular Subscriber Division
Midpoint Alençon Link
Basingstoke, Hampshire RG21 7PL
Great Britain

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