Bedienungsanleitung

Radio-Telefon CCRT 700 mit OnStar Telematik-Service

On★Star

General

The Opel CCRT 700 offers you a combination of a powerful GSM Mobile Phone and a high quality Tuner Cassette combination with CD Changer control.

A well thought-out design of the controls and a big multifunctional control button allow an easy operation of the set.

Mobile phones effect their environment. Therefore safety regulations and rules have been set up. Please learn about the particular regulations before using the CCRT 700 telephone function.

If you want to use the telephone function of your CCRT 700 on journeys abroad, you should learn about the regulations in the country you're going to.

Important

⚠ The usage of the telephone function of your CCRT 700 during driving can be dangerous, because your concentration may decrease while phoning.
Park your car before using the telephone.
Pay attention to the regulations of the country you are in.

⚠ Switch off the telephone of the CCRT 700 by removing the SIM card in all areas where the usage of transmitters is prohibited, for example airports, within some ferries and car trains, in quarries and other areas where blasting is carried out.

⚠ It is dangerous to use the telephone function of your CCRT 700 in areas where the danger of explosions exists. Switch off the telephone function of your CCRT 700 by removing the SIM card in areas where the danger of explosions exists. This may be areas where fuel and other flammable chemicals are used (petrol stations, fuel depots, chemical plants, etc.)

Unauthorized usage

To prevent unauthorized usage please note the following:

☞ If possible you should not write down your PIN code. Try to learn it by heart instead.

☞ Remove the SIM card if you don't want to use your telephone for a long period of time.

▶

Notes on the SIM card [1]

To prevent damage or destruction to your SIM card please pay attention to the following notes:

- When the engine is started the SIM card should under no circumstances be inserted or removed from the card reader!
- When the engine is started no telephone services and especially not PIN entry should be carried out!
- When the engine is started you should not phone. The connected call may be cut off.

Some general information on this manual

To have a quick overview of the various functions of the set you can find a survey of all display elements and controls in chapter "Overview".

If you are looking for a particular subject, the index at the end of this manual will quickly help you.

You can find detailed information on your CCRT 700's functions in chapters "Radio", "Cassette", "CD Changer", "Telephone" and "OnStar Functions". You can read about seldom used functions like radio coding in chapters "Special Functions" and "Coding".

If your CCRT 700 is not functioning as you expect it to, please refer to the check list in chapter "Troubleshooting". You may find that an apparent malfunction can easily be rectified.

To make reading this manual easier you are given the following aids:

☞ A hand before the text demands you to do something.

✔ A tick before the text shows the reaction of the set.

- A bullet before the text gives you additional information on a subject.

❑ A square before the text marks an enumeration.

⚠ A security or warning note contains important information on the safe operation of your CCRT 700.

▶ An arrow shows that the current topic is continued on the following page.

Menus, submenus and menu options are shown as follows:

|PHONEBOOK|BOOK LIST|

Overview

Controls

1 Turn multifunctional control:
Volume adjustment / Select menu options and commands
Press multifunctional control: Confirm a selection (OK)

2 OI Switch on and off

3 ♫ Enter and exit the audio menu

4 TUNER Radio
UML Select waveband (U, M, L)

TAPE Cassette
EJECT Eject cassette

CD [1] CD changer
RDM Random playback

OnStar Directly call OnStar service centre

5 ◁ Search key downwards

6 ◻◻ Dolby Noise Reduction

7 Cassette opening

8 ━ Change tape direction during playback

9 ▷ Search key upwards

10 **0 to 9** Number keys
Radio: Presets (0 to 9)
CD: CD selection (1 to 4)
Phone: number entry

11 **#** Hash key (only phone mode): command and separation symbol for sending GSM codes, confirm PIN entry

12 ☎ End call

13 ☎ Select telephone mode / send call

14 ***** Star key (only phone mode): command and separation symbol for sending GSM codes

15 **RDS** Switch RDS on / off

16 **REG** Switch regional function on / off

17 Detachable control unit and SIM card reader (covered behind the detach)

18 **TP** Switch Traffic Program on / off

19 **AS** AutoStore and switch to AS wavebands

20 Release key for detachable unit

21 Theft protection LED

22 **CLR** Delete entry and exit function during menu operation

23 **SOS** Send emergency call (even without SIM card and detach unit)

[1] Only if an Opel CD changer is connected

Display

㉔		Two-line alphanumeric display area for phone and menu functions
㉕		Clock display (see car manual)
㉖	*Phone*	Telephone is stand-by
	GPS [1]	Reception of satellites
	⌐	Network available
	▬	Phone signal strength (three segments show best reception)
	↗	Call forwarding option "ALL CALLS" is set
	↶	Call barring option "ALL CALLS" is set
	✉	New short message was received.
㉗		One-line alphanumeric display area for radio functions plus menu options and commands
㉘		Symbols for radio operation

CD Changer

㉙		CD magazine opening
㉚	⌐	Eject key for CD magazine

Steering wheel remote control

㉛	►		Search key upwards
㉜	◄		Search key downwards
㉝	→	TUNER:	next preset
		TAPE:	change tape direction
		CD:	next disc in magazine
		OnStar:	confirm
		Phone:	confirm selection (OK)
㉞	O		Select between TUNER, TAPE, CD, telephone and OnStar
㉟	−		Decrease volume
㊱	+		Increase volume

[1] Only with optional GPS box

Theft Protection

Coding

The CCRT 700 is provided with a passive security system. A coded set is worthless to a thief.

Different security codes are used to protect the set. They are stated on your Radio Pass or Car Pass. Therefore never leave the Car Pass or the Radio Pass in the car.

Radio Code

When coded, the set briefly shows "CODE" on the display each time it is switched on (providing that the ignition is switched on). In addition the CODE protection LED **㉑** flashes as soon as the set and the ignition are switched off.

The radio code is enabled as factory default. You can disable the coding by entering the radio code. See page 128.

CD changer code
(Only if an Opel CD changer is connected)

The CD changer is protected by an additional CD changer code. See page 130.

Telephone codes

For use of the telephone functions of your CCRT 700 different codes are required, for example to prevent the telephone from unauthorised usage or to enable particular network services.

You can find detailed information on this topic in chapter "Telephone", page 92.

Removable Panel **㉗**

The CCRT 700 has a removable panel for additional theft protection. Always take the panel with you in its protective case when leaving the car. The set only functions with the original panel. In case of loss of the panel the whole set has to be exchanged by an authorized Opel dealer subject to charges.

When removing the panel, always take the SIM card with you.

Removing the panel
☞ Press the release key **㉔** and remove the panel.

Inserting the panel
☞ Press the panel into place at both sides until it clicks into position.

● If the panel is not inserted correctly, the display shows "PANEL" when switching on the set.

☞ Check that the panel is inserted correctly on both sides.

Switching On / Off

☞ Press OI key **❷** to switch on or off the CCRT 700.

Switching on and off with ignition key

When the CCRT 700 is on it will be switched off / on automatically by removing / inserting and turning the ignition key.

The connection between ignition switch and set can be disabled. See page 126.

Automatic switch-off

When the set was switched on by pressing the OI key, it will switch off automatically one hour after the ignition key is removed.

Display

The Multi Info Display (see car manual) in the vehicle is also used for display of the radio and telephone information.

Multi-functional Control

The multi-functional control ❶ is used to adjust the volume level and audio settings during radio, cassette and CD mode.

In telephone mode it is used to control the menus.

Turn:
Volume adjustment and selection of commands, menu options or characters.

Press:
Confirm the displayed selection.

Volume and Sound

☞ Turn the multi-functional control to adjust the volume.

- When switching on, the radio is set to the volume level you last adjusted, if this level did not exceed the factory set basic volume level.
- If the switch-off volume was higher, the radio is set to its basic volume level when switching on.

Audio menu

The audio menu enables the following adjustments:

❏ Tone (BASS, TREBLE).
❏ Balance (BALANCE).
❏ Fader (FADER).
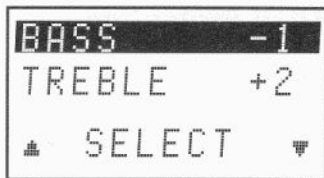
Display of the audio menu

Further adjustments are possible in submenu |EXTRAS...|:

❏ Volume of traffic announcements (TA VOL.).
❏ Setting of the speed dependent volume control (SDVC CURV).
❏ Playback of TUNER, TAPE or CD during telephone mode (PHONE AUDIO) on / off.
❏ Volume of an external audio source, for example navigation system (EXT. VOL.).

```
┌─────────────────────────┐
│ BASS          ▐+3▌       │
│        TUNER             │
│ ▲  SELECT          ▼     │
└─────────────────────────┘
```

Example: Adjustment of the bass setting for tuner

Adjustments within the audio menu

☞ Press ♫ key ❸.

✔ The audio menu is displayed.

☞ Turn multi-functional display until the desired audio function is shown.

☞ Press multi-functional control.

✔ The selected audio function is active.

☞ Turn multi-functional display until the desired value is reached.

- If you don't change a setting within 10 seconds the audio menu is left automatically.
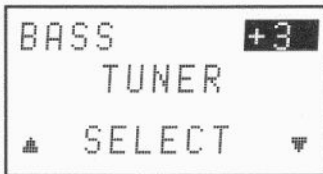
- The audio menu is only available during TUNER, TAPE and CD mode.

The audio menu offers you the following audio functions:

BASS

Adjustment of low notes between −5 and +6.

- The BASS setting can be adjusted independently for TUNER, TAPE and CD.

TREBLE

Adjustment of high notes between −6 and +6.

- The TREBLE setting can be adjusted independently for TUNER, TAPE and CD.

BALANCE

Volume difference left <-> right between −13 and +13.

FADER

Volume difference front <-> rear between −15 and +15.

EXTRAS...

With audio function EXTRAS... you can adjust the following settings:

TA VOL.
Volume of traffic announcements when TP is switched on.

Adjust between −3 and +3. See page 127.

SDVC CURV
Setting of the speed dependent volume control between 0 and 5. See page 127.

PHONE AUDIO On / Off
Playback of TUNER, TAPE or CD during telephone mode on/off. See page 127.

EXT. VOL.
Volume of an external source (for example a navigation system) between −3 and +3. See page 127.

Leaving audio menu

☞ Press ♫ key.

or:

☞ Press **CLR** key.

or:

☞ Select "EXIT" from the audio menu and confirm

or:

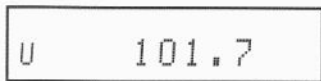☞ Wait for 10 seconds, until the audio menu is left automatically.

Radio

Radio playback

☞ Press **TUNER** key ❹.

Selecting waveband

☞ Press **TUNER** key once or more than
   once to select between the wavebands
   U, M and L.

❑ U   = FM
❑ M   = MW (medium wave)
❑ L   = LW (long wave)

| U | 101.7 |

Example: Station on FM.

- The waveband ("U", "M" or "L")is
  indicated on the display.
- When one of the AS storage levels is
  selected the "*AS*" icon appears on the
  display.

Tuning-in stations

You can tune-in stations in six different ways:

   ❑ Search tuning
   ❑ Manual tuning
   ❑ AS (AutoStore), see page 84.

Additionally the following tuning methods are
available on the FM waveband as soon as
RDS is switched on:

   ❑ RDS Programme Search, see page 81
   ❑ TP search tuning - search tuning
      accepts TP stations only, see page 82
   ❑ RDS Memo, see page 85

Search tuning
(RDS has to be switched off)

☞ Briefly press tuning key ◁ or ▷.
✔ The radio mutes until a station is found.

- If no station is found, the set
  automatically switches to a more
  sensitive search level.

Manual tuning
(TP and RDS have to be switched off)

This way you can tune-in stations of which the
frequency is known.

Coarse tuning

☞ Keep tuning key ◁ or ▷ pressed
   until the desired frequency is almost
   reached.

Fine tuning

☞ Briefly tap tuning key ◁ or ▷
   repeatedly until the exact frequency
   of the desired station is shown on the
   display.

RDS (Radio Data System)

RDS is a service which is being introduced all across Europe by the broadcasting companies. RDS makes it easier to find a desired FM station, and ensures interference-free reception.

RDS stations transmit information which the RDS set automatically evaluates:

❑ **PS:** Programme Service name.

❑ **AF:** Each RDS station is broadcast on several frequencies. During your journey RDS automatically compares the signal quality of the receivable frequencies. The set always switches to the strongest (best-possible reception of chosen station). A short interruption of radio playback may occur while doing so.

❑ **PTY Alarm:** Urgent disaster or emergency announcements will automatically interrupt the playback of radio, Cassette, CD, telephone or OnStar (even during a phone call).

❑ **Clock signal:** The vehicle clock can be synchronised with the clock signal received via RDS, see car manual.

Switching on RDS

☞ Select FM waveband (U) with **TUNER** key ❹.

☞ Press **RDS** key ⓯.

✔ "*RDS*" appears in the display.

```
          RDS        TP
 U      SWR3
```
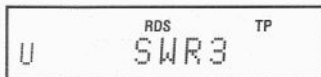
FM station, RDS switched on

RDS Programme Search

☞ Briefly press tuning keys ◁ or ▷.

✔ The radio only tunes to RDS stations.

RDS Memo

☞ Briefly tap tuning keys ◁ or ▷.

✔ The previous / next stored RDS station in the RDS Memo is recalled.

Switching off RDS

☞ Press **RDS** key.

✔ "*RDS*" disappears from the display.

✔ The display shows the frequency instead of the station-name.

• The set no longer tunes to the best-receivable frequency of the selected station.

Display frequency of an RDS station

To show the currently tuned frequency of the selected RDS station:

☞ Switch off RDS.

✔ The display shows the frequency of the tuned station.

☞ Switch on RDS again.

✔ The display again shows the station-name.

or.

☞ Keep **TUNER** key ❹ pressed until the frequency of the station is shown.

✔ After 5 seconds the station-name is shown again.

Regional programmes

Several RDS stations broadcast varying regional programmes on different frequencies at specific times. You can prevent the radio from tuning to another regional programme when it searches for the best-receivable alternative frequency:

Keeping a regional programme

☞ Tune to the desired station.

☞ Press the **REG** key ⑯.

✔ "**REG**" appears on the display.

```
     REG   RDS       TP
U      HR4-LAHN
```
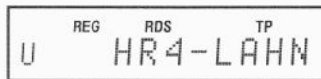
Regional function switched on

Allow switching to other regional programmes

If the regional function is switched on for the desired station:

☞ Press **REG** key again.

✔ "**REG**" disappears from the display.

TP (Traffic Programme)

TP stations are FM RDS stations which broadcast Traffic Announcements (TA).

You can identify TP stations by the "**TP**" icon on the display.

Switching on TP

☞ Select FM waveband (U) with **TUNER** key ④.

☞ Press **TP** key ⑱.

✔ The display shows "**[TP]**".

✔ If reception of a TP station is not possible, or during the search, the display shows "**[ ]**".

```
     REG            [TP]
U          SWR3
```
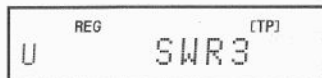
RDS station, TP switched on

• Only TP stations are tuned-in.

• If TP is switched on, the playback of cassette or CD will be interrupted by traffic announcements when broadcast.

Traffic announcements during telephone or external source

If during a telephone call or playback of an external source (for example navigation system, Traffic Master) a traffic announcement is broadcast, the display shows "TRAFFIC".

• TP has to be switched on.

☞ Press **TP** key to listen to the traffic announcement.

☞ Press **TP** key again to switch back to the telephone call.

Switching off TP

☞ Press **TP** key.

or:

☞ Press **TP** key twice to switch off TP during a current traffic announcement .

✔ "**[ ]**" disappears from the display.

Traffic announcements only

If you want to hear traffic announcements only:

☞ Switch on TP with **TP** key.

☞ Adjust the volume to minimum.

✔ You will hear traffic announcements with the preset TA volume level. See page 127.

Aborting a traffic announcement

To abort a particular traffic announcement, for example during playback of cassette or CD or in telephone mode:

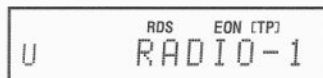☞ Press **TP** key once during the traffic announcement.

or:

☞ Select TAPE, CD or OnStar.

✔ The current traffic announcement is aborted.

✔ TP remains switched on.

EON (Enhanced Other Networks)

With EON you will hear traffic announcements even if you have tuned to a station which doesn't broadcast its own traffic information. You can identify these stations by the "*EON*" icon on the display.

To hear traffic announcements by EON

☞ Press **TP** key.

✔ The display shows "*[TP]*" and "*EON*".

```
        RDS    EON [TP]
U      RADIO-1
```

A traffic announcement is received by RDS EON

- In case a traffic announcement is broadcast from an EON-linked station the set automatically switches to that TP station.

- During the traffic announcement the display shows the station-name of the TP station.

- After the traffic announcement has finished the set switches back to the previously selected station.

Storing stations

Storage locations for a total of 50 stations are available

❏ 10 x U (FM),

❏ 10 x M (MW),

❏ 10 x L (LW),

❏ 10 x U AS (Automatically-stored FM stations),

❏ 10 x M AS (Automatically-stored MW stations)

- The presets are accessible by number keys **0** to **9**.

AS storage level on FM and MW

☞ Briefly press the **AS** key ⑲ to switch to the AS storage levels U_{AS} or M_{AS}

✔ The "*AS*" icon appears on the display

▶

Storing

☞ Select desired waveband and tune-in station.

☞ Press and hold the number key (**0** to **9**) on which you want to store the station.

✔ The radio briefly mutes and shows the station previously stored on this preset.

✔ As soon as the tuned-in station is heard again it is stored on this number key.

✔ The selected preset number is shown on the display.

• "RDS on" and "RDS off" is also stored when storing a station.

```
        RDS    TP
U4    SWR4-KO
```
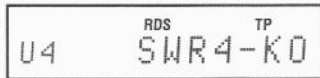
FM station on preset no. 4

Automatic Storing (AS)

AutoStore is possible on FM (U) and M.

☞ Select desired waveband

☞ Press **AS** key ⑲ until you hear a confirmation beep.

✔ The radio automatically switches to the AS storage location of the selected waveband (U_{AS} or M_{AS}).

✔ Search tuning starts. "**AS**" appears on the display.

✔ The ten strongest stations in this reception area are stored in the AS storage locations of the presets.

• Stations previously stored manually on the AS preset locations are overwritten.

When leaving the reception area of the stored stations, perform AutoStore again to store new stations:

☞ Press **AS** key until you hear a confirmation beep.

• RDS is switched on automatically when activating AS and remains switched on after AutoStore has finished.

• If you switch on TP before or during the AutoStore process, the set recalls a preset with a TP station after AutoStore has finished.

• If no TP station was found by AutoStore, a search tuning for a TP station will run as long as at least one TP station is found.

• You can also store stations manually on the AS storage locations.

Recalling stored stations

☞ Select the waveband (U, M, or L) by pressing the **TUNER** key.

☞ Select the desired preset by pressing the number key.

To select one of the stations stored with AutoStore:

☞ Select waveband (U or M).

☞ Briefly press **AS** key.

☞ Select the desired preset by pressing the number key.

```
AS      RDS        TP
U3    * * * F F H * * *
```
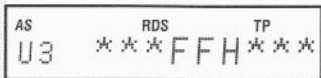
*A station stored on one of the AS locations*

RDS Memo

In addition to the locations on the preset keys the radio provides a RDS Memory, in which all receivable FM stations are stored. You can scroll this memory.

Scroll through the RDS Memo

☞ Switch on RDS by pressing the **RDS** key ⓯.

☞ Briefly tap one of the tuning keys ◁ or ▷ once or more than once until the desired station is tuned-in.

✔ The display shows the station-names or frequencies of the stations stored in the RDS Memo.

Updating the RDS Memo

☞ Press and hold the **RDS** key until you hear a confirmation beep.

✔ The display briefly shows "MEMORY-U", then "MEM" and the running frequency.

✔ The RDS Memo process is finished after approx. 30 seconds. The set switches back to radio playback.

✔ The stations stored in the locations of the presets are not replaced by this process.

```
        RDS
 MEM    89.5
```
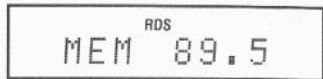
RDS Memo is updated

- The RDS Memo is automatically updated every time the set searches for a TP station or you perform an AutoStore.

- In the RDS Memo RDS stations are sorted in alphabetical order of broadcasters (for example FFH, HR1, HR2, HR3, HR4, SWR1, etc.).

Cassette

Cassette playback

☞ Insert cassette with tape side to the right into the cassette opening ❼.

✔ Cassette playback starts.

✔ The display shows "TAPE 1>".

```
    TAPE 1>
```

Playback of the upper cassette side

If a cassette is already inserted in the cassette opening:

☞ Briefly press the **TAPE** key ❹.

Reversing tape direction

☞ Press the ⇌ key ❽ to change the playing direction (cassette side).

✔ "TAPE 1>" upper cassette side

✔ "TAPE 2>" lower cassette side

• The set automatically changes the cassette side at the end of a tape.

Automatic tape detection

The set provides an automatic Metal/Chrome tape detection.

Dolby®B Noise Reduction ▣▣

To playback cassettes recorded with Dolby B Noise Reduction system.

☞ Press ▣▣ key ❻.

✔ The display shows "▣▣".

```
      ▣▣
    TAPE 2>
```

Cassette playback with Dolby B NR switched on

☞ Press ▣▣ key again to switch off the Dolby B Noise Reduction system.

✔ "▣▣" disappears from the display.

® Dolby Noise Reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Cassette Programme Search (CPS)

For automatic track detection, mute passages of at least 3 seconds have to be present between the tracks.

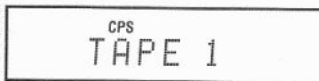- Extremely quiet passages could probably be interpreted as mutes.

Starting Cassette Programme Search

☞ Briefly press ◁ or ▷ key.

◁ Repeat the current track

▷ Forward wind to next track

✔ The display shows "*CPS*" during CPS is aactive.

```
     CPS
   TAPE 1
```

Cassette Programme Search is active

Stopping Cassette Programme Search

☞ Press the opposite search key ◁ or ▷,

or:

☞ Eject cassette (**TAPE** key ❹).

or:

☞ Switch to TUNER, CD or telephone.

Fast forward and rewind

Starting fast forward / rewind

☞ Press search key ◁ or ▷ for at least one second.

◁ Fast rewind

▷ Fast forward

- During fast forward and rewind you hear the radio.

Stopping fast forward / rewind

☞ Press the opposite search key ◁ or ▷,

or:

☞ Eject cassette (**TAPE** key ❹).

or:

☞ Switch to TUNER, CD, telephone or OnStar.

Interrupting playback (pause)

☞ Switch to TUNER, CD, telephone or OnStar.

- The cassette remains in the cassette opening.

Cassette eject

☞ Press and hold **TAPE** key until the cassette is ejected.

- Ejecting the cassette is also possible when the set is switched off.

CD Changer

Depending on the vehicle version your CCRT 700 is equipped with an Opel CD changer. The CD changer is mounted in the glove compartment or below the front passenger seat.

- The CD changer does not support the playback of rewritable discs (CD-RW).
- When using self-recorded audio discs (CD-R) playback errors may occur, depending on the quality and surface of the used CD-R.

Inserting CDs

☞ Press ↞ key **30** on the CD changer.

✔ The CD changer front **29** opens up, the CD magazin slides out.

☞ Remove the CD magazine from the CD changer.

☞ Slide CD with the printed side facing upwards into one of the CD slots of the magazine until it clicks in.
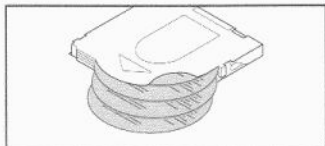

Inserting CDs into the magazine

Inserting the magazine

☞ Press ↞ key on the CD changer.

☞ The CD changer front opens up.

☞ Gently push the magazine into the changer until it clicks into place.

☞ Close the CD changer front.

⚠ For security reasons make sure you always closed the CD changer front before driving the car.

- If the flap is not closed the display shows "CDC OPEN".
- Additional CD magazines are available at any authorized Opel dealer.

CD playback

During playback of radio or CD:

☞ Briefly press **CD** key **4**.

✔ CD playback starts with the disc you last listened to, provided that you did not change the CD magazine in the meantime.

$$\overset{\text{CD}}{\text{TR}} \quad 5 \; \text{DISC} \; 3$$
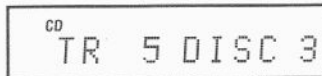
CD playback of disc 3, track no. 5

- If a new magazine was inserted into the CD changer, at first all slots are checked for discs. The display shows "CHECK DISC 4" to "CHECK DISC 1". Afterwards the first disc found is played. The display briefly shows the total number of tracks and the disc number.
- If no CD changer is connected to the set, the display shows "NO CD" as soon as the **CD** key is pressed. Playback of TUNER, TAPE, telephone or OnStar is resumed.
- If no CD magazine is inserted in the CD changer, the display shows "NO MAGAZINE" as soon as the **CD** key is pressed. Playback of TUNER, TAPE, telephone or OnStar is resumed.
- If no discs are inserted in the magazine, the display shows "NO DISC". Playback of TUNER, TAPE, telephone or OnStar is resumed.

Continuous CD playback

If playback of a disc is ended, the CD changer continues playback with the next disc found in the magazine, and so on. If only one disc is inserted in the magazine, this disc is constantly repeated.

RDM (RANDOM playback)

In this mode the tracks are played in random order.

Switching on RDM

☞ Briefly press CD key ➍
- Only tracks of the currently loaded disc are selected.

☞ Press CD key ➍ for longer.
- Tracks from all discs in the magazine are selected.

✔ The display shows for example "TR 12 DISC 3" and the "*RDM*" icon.

```
CD                    RDM
  TR 12 DISC 3
```
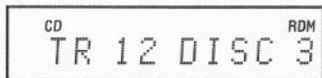
Random playback of track 12 of disc 3

Switching off RDM

☞ Press CD key again.
✔ The "*RDM*" icon disappears from the display.

Direct disc access

During CD playback you can directly select one of the discs loaded in the magazine with the number keys 1 to 4.

☞ Press number key of the desired disc.
✔ During loading of the disc the display shows "LOAD DISC" and the number of the disc.

```
CD
  LOAD DISC 3
```
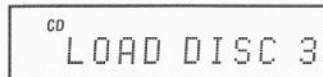
Disc 3 is loaded

✔ Then playback of the selected disc starts.
- If no disc is inserted into the selected slot of the magazine the display shows "NO DISC" and the number of the disc. Then the display shows the magazine content, for example "CD-1_34" if no disc is inserted into slot 2.

Restart playback of the selected disc

☞ Press the relevant number key 1 to 4 to restart playback of the current disc.

Select next/previous tracks

Play next tracks

☞ Briefly press search key ▷ once or more than once, until the display shows the desired track number.

Play previous tracks

☞ Briefly press search key ◁ once or more than once, until the display shows the desired track number.

- If you press search key ◁ once within the first 3 seconds of a track the previous track is played.
  If the key is pressed after the first 3 seconds of the track, the track is repeated.

Fast search forwards/backwards

To search for a specific part on a disc:

☞ Press and hold ◁ or ▷ key, until the desired part is reached.

✔ The display shows the track number and the elapsed track time in minutes and seconds, for example "TR 8 04-39".

• During fast search the playback speed is increased and the playback volume is reduced.

Stopping CD playback

☞ Switch to TUNER, TAPE, telephone or OnStar.

Ejecting CD magazine

☞ Press ⟵ key on the CD changer.

✔ The CD changer front opens up, the CD magazin slides out.

☞ Remove the CD magazine from the CD changer.

☞ Close the CD changer front.

• Ejecting the magazine is also possible when the radio is switched off.

Removing discs from the magazine

☞ Pull **EJECT** lever on the magazine.

☞ Take the desired disc out of the magazine.
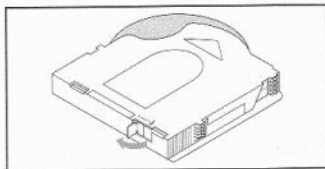
Removing CDs from the magazine

Steering Wheel Remote Control

To increase driving safety and ease of operation the following functions of the CCRT 700 can be controlled by the steering wheel keys.

+ / - keys

Volume control

☞ Briefly press + key 36 once or more than once to increase the volume step by step.

☞ Briefly press - key 35 once or more than once to decrease the volume step by step.

* If you hold the key for longer, the volume is altered continuously.

* During a phone call the free speech volume is changed.

O key

Source selection

☞ Briefly press O key 34 once or more than once to select between TUNER, TAPE, CD, telephone or OnStar.

Switching to another source is not possible during:

❏ a connected phone call,

❏ playback of an external source (for example navigation system, Traffic Master),

❏ a traffic announcement when TP is switched on.

◄ / ► keys

Search keys (radio and telephone)

* The ◄ and ► (32, 31) keys have the same function as the search keys at the set. See "Radio", page 80 or "CD Changer", page 88.

→ key

Select preset (radio)

☞ Press → key 33 once or more than once to select the desired preset 0 to 9 of the current waveband.

Change tape direction (cassette)

☞ Press → key to select the tape direction.

Select disc (CD changer)

☞ Press → key to select the next disc from the CD magazine.

Selection / confirmation (telephone)

☞ Press → key to confirm the menu option or command shown on the display (same as pressing the multi-functional control).

Telephone

SIM card

If you want to use the telephone function of your CCRT 700 you need a registered SIM card. You can get a SIM card at your Opel dealer, a GSM network or service provider or in the highstreet.

If a SIM card is already inserted into the CCRT 700, you are automatically asked to enter the PIN code when switching on the set. The PIN code is the Personal Identification Number of your SIM card. You cannot use the SIM card without the PIN code. (Some network or service providers allow you to deactivate entry of the 4 to 8 digit PIN code.)

Your SIM card contains your customer identification. Moreover it has a memory in which you can store phone numbers and messages. Even if you use your SIM card in a different mobile phone your own phone number and your phone book stay the same.

You can make emergency calls in most of the GSM networks without a SIM card. See "Emergency calls without SIM card or PIN", page .
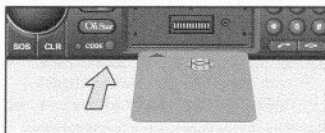
Inserting SIM card

☞ Switch off the radio.

☞ Press release key **20** and remove the panel.

☞ Insert SIM card in direction of the arrow with the golden contact area up into the card reader until it locks.

☞ Click in removable panel on both sides.

Removing SIM card

☞ Switch off the radio.

☞ Press release key and remove the panel.

☞ Do not pull out the SIM card as long as the "don't remove the SIM card" message is shown on the display.

✔ Then the display shows "PANEL".

☞ Unlock and remove SIM card by pushing against it.

☞ Click in removable panel on both sides.

<u>Precautions</u>

To prevent your SIM card from damage or destruction, please pay attention to the following notes:

- When the engine is started the SIM card should under no circumstances be inserted or removed from the card reader!

- When the engine is started no telephone services and especially not PIN entry should be carried out!

Hands free operation

Your CCRT 700 by default uses hands free operation. An external handset is available as an option.

Switching on the telephone

☞ Switch on the radio.

☞ Press ☎ key **13**.

or:

☞ pick up handset.

☞ Enter PIN code if required.

- If the **Phone** icon is already shown on the display, the telephone is already in stand-by. You don't have to enter the PIN code.

Restrictions during driving

For increased driving safety the access to some of the telephone menus may be locked. If you try to access a locked menu the display shows "no acces car moving".

Stop the car to get access to the desired function.

Switching off the telephone

If you want to switch off the telephone function of your CCRT 700 (disconnect from the network), for example in areas where the use of mobile phones is prohibited (see page 73):

☞ Switch off the radio and remove the SIM card.

- Normally the telephone is automatically disconnected after the radio is switched off with the **OI** key, even without removing the SIM card.
  But switching off of the telephone is not carried out before the adjustable delay time has run out. See "Menu Security", page 119.

⚠ For safe disconnection of the telephone you should always remove the SIM card. Under unfavourable circumstances the correct disconnection from the mobile network can take up to 3 minutes.

Entering PIN code

☞ Switch on the CCRT 700 with a SIM card inserted.

☞ Press ☎ key.

or:

☞ press OnStar key.

✔ The display shows "PIN entry" and the remaining number of attempts.

☞ Enter PIN code with the number keys (4 to 8 digits max.).

☞ Confirm "OK" by pressing the multi-functional control, the # key or the ☎ key.

✔ The telephone now automatically tries to connect to the mobile network.

As soon as a network is found the following indications are shown on the display:

- ❑ The network operator's name.
- ❑ The **Phone** icon.
- ❑ The icon for network availability 'T'.
- ❑ The field strength indication ___.

✔ The telephone is now in stand-by mode or directly enters the OnStar menu.

- If no network is found, move to a location where network reception is sufficient.

Entering unblocking code (PUK)

The SIM card is blocked if the wrong PIN code was entered three times in succession. You have to enter the unblocking code (PUK or Super PIN) to unblock the SIM card again. Your network operator or service provider will provide the unblocking code.

☞ Enter the unblocking code with the number keys.

• If you enter the wrong unblocking code ten times in succession, the SIM card is totally locked. In this case contact your network operator or service provider.

• The number of wrong code entries may be dependent on the SIM card. See the manual of your SIM card for detailed information.

☞ Confirm "OK" by pressing the multi-functional control.

or:

☞ press # key or ☎.

☞ Enter a new PIN code and confirm.

☞ Then enter and confirm the new PIN code again for confirmation.

Incorrect entry?

☞ Briefly press **CLR** key:
The last entered digit is deleted.

☞ Press **CLR** key for longer:
The complete entry is deleted.

Aborting PIN or PUK entry

☞ Select and confirm "EXIT" with the multi-functional control.

or:

☞ press ☎.

✔ The entry is aborted, the attempt is not counted.

✔ The set returns to TUNER, TAPE or CD.

Making "112" emergency calls

In stand-by mode:

☞ Type in emergency number "112" with the number keys.

☞ Press ☎.

or:

☞ pick up handset.

✔ The emergency number "112" is dialled.

Or:

☞ Press **SOS** key ㉓

Emergency calls

You can make emergency calls with your CCRT 700 even without a SIM card inserted, PIN code entry or without detachable control unit.

• If the detachable control unit is not inserted, the keys are not illuminated.

☞ Press **SOS** key ㉓.

✔ The display shows:
"CALL 112: SOS key".

☞ Press **SOS** key again,

or:

☞ confirm "CALL?" in the command line,

or:

☞ press ☎,

or:

☞ pick up handset.

✔ The emergency number "112" is dialled.

Aborting emergency call

If you send an emergency call by mistake:

☞ Press ☎.

or:

☞ select and confirm "END SOS" with the multi-functional control,

or:

☞ hang up handset.

```
GSM 900 NET
No: _
◀PHONEBOOK▶
```

The telephone is in stand-by mode

Making calls

In stand-by mode:

☞ Enter phone number (always with full area code) with the number keys.

☞ When making international calls press number key **0** twice or longer to add a + before the international country code.

☞ Select and confirm "CALL?" in the command line.

or:

☞ press ☎.

✔ The entered phone number is dialled.

✔ As soon as you are connected to the called number, the set automatically enters the volume menu.

☞ Turn the multi-functional control to adjust the free speech volume.

☞ Confirm "MENU" in the command line to leave the volume menu.

Redial

If the dialled phone number is occupied or the connection failed:

☞ Confirm "REDIAL" in the command line.

✔ The phone number is dialled again.

Incorrect entry?

☞ Briefly press **CLR** key: The last entered digit is deleted.

☞ Press **CLR** key for longer: The complete entry is deleted.

Ending a call

☞ Press ☎.

or:

☞ select and confirm "END" with the multi-functional control.

or:

☞ wait until the called person hangs up.

✔ The connected call is automatically ended.

Incoming calls

When a calls comes in the telephone rings and the display shows:

❏ "call waiting" and

❏ the name or the phone number of the calling person, if this function is supported from the network.

Accepting a call

☞ Press ☎.

or:

☞ select and confirm "ACCEPT" with the multi-functional control.

✔ The volume menu is shown.

☞ Turn the multi-functional control to adjust the free speech volume.

☞ Confirm "MENU" in the command line to leave the volume menu.

Rejecting a call

☞ Press ☎.

or:

☞ select and confirm "REJECT" with the multi-functional control.

Automatic answering

You can set the telephone to automatically answer an incoming call. See "Settings menu", page 116.

During a call

As soon as you are connected to the called number, the set automatically enters the volume menu.

☞ Turn the multi-functional control to adjust the free speech volume.

☞ Confirm "MENU" in the command line to leave the volume menu.

Now the following functions are available during the call:

Adjusting free speech volume

☞ Select and confirm "VOLUME" in the command line.

☞ Adjust the desired volume with the multi-functional control.

☞ Confirm "MENU" in the command line to leave the volume menu.

By steering wheel remote control:

☞ Press + or − key once or more than once.

Microphone mute

☞ Select and confirm "MICRO MUTE" in the command line.

Cancel microphone mute:

☞ Confirm "MICRO ON".

Ending calls

To end a call or all calls at once (during multi calls or conference):

☞ Press ☎.

or:

☞ Select and confirm "END" with the multi-functional control.

Additional functions

In the |CALL OPT.| menu you have acces to additional functions.

☞ Select and confirm "OPTIONS" from the command line.

The following functions are available:

Phone book

During a call you can look up a telephone number from your phone book and send a second call.

☞ Select and confirm "PHONEBOOK" in the command line.

Also see "Multi calls menu", page 120.

Notebook

During a call you can store a phone number in the notebook:

☞ Select and confirm "NOTEBOOK" in the command line.

☞ Enter the number with the number keys.

☞ Select and confirm "SAVE" in the command line.

• The entered number is stored in the notebook and can be edited and copied to the phone book afterwards. See "Phone book", page 101.

Swap calls and conference calls

During a phone call you can dial a second phone number, alternate between two calls or have a conference with different callers.

• Select and confirm "MULT. CALLS" in the command line.

See "Multi calls menu", page 120.

During a phone call you can send short messages to other mobile phone users.

☞ Select and confirm "SEND MSG" in the command line.

☞ Enter and send the message as described on page 106.

Call meters

To show the elapsed time and/or the charges of the current call.

☞ Select and confirm "CALL MTRS" in the command line.

☞ Confirm "ON" or "OFF".

• If you select "OFF", only the called phone number is shown.

• The display of time and charge is dependent on the settings in submenu |CALL MTRS|. See "Settings menu", page 117.

Redialling

With every call you make the used phone number is stored in a redial list. The redial list contains the ten last dialled numbers.

The redial menu provides the following functions:

❏ Call a phone number from the redial list,

❏ Edit a number and store it in the phone book.

❏ Delete the redial list.

Call a number from the redial list

In stand-by mode:

☞ Select and confirm "REDIAL" in the command line,

or:

☞ press ☎.

✔ The list of the last used phone numbers is shown.

☞ Select and confirm the desired phone number with the multi-functional control.

or:

☞ press ☎.

✔ The number is dialled.

Fast redial

To redial the phone number last used:

In stand-by mode:

☞ Press ☎ twice.

✔ The number is dialled.

Store a number from the redial list in the phone book

In the redial list:

☞ Select and confirm the desired phone number with the multi-functional control.

☞ Select and confirm "SAVE" in the command line.

☞ Edit and store the number in the phone book as described on page 102.

Delete redial list

☞ Select and confirm any of the numbers from the redial list.

☞ Select and confirm "DEL. LIST" in the command line.

☞ Confirm "DELETE?".

✔ The redial list is deleted.

Quick dial

With the quick dial function you can retrieve a phone number from the phone book by just entering a one-digit quick dial number. The quick dial number refers to the position number in the phone book.

In stand-by mode:

☞ Enter the quick dial number with the number keys (1 ... 9).

☞ Select and confirm "CALL?" in the command line.

✔ If an entry is stored under this position number, the selected entry is shown on the display.

• If no entry is stored, the display shows "no number available".

☞ Select and confirm "CALL?" in the command line.

✔ The shown number is dialled.

If you want to call a different number from the phone book:

• Make sure that "CALL?" is shown in the command line.

☞ Select and confirm "PHONEBOOK" in the command line to get into the phone book.

Received calls

With every call you receive the phone number of the caller is stored in a list of received calls (if the network supports this function). The list of received calls contains the last ten phone numbers you were called by, even if you didn't answer them.

In the Received calls menu you have access to the following functions:

❏ Dial a number from the list of received calls.

❏ Edit a number from the list and store it in your phone book,

❏ Delete the list of received calls.

In stand-by mode:

☞ Select and confirm "RCVD. CALLS" in the command line.

✔ The list of received calls is shown.

Calling back a caller

☞ Select and confirm desired number with the multi-functional control.

☞ Confirm "CALL?" in the command line,

or:

☞ press ☎.

✔ The number is dialled.

Storing a number from the list of received calls in the phone book

☞ Select and confirm desired number with the multi-functional control.

☞ Select and confirm "SAVE" in the command line.

☞ Edit and store the number in the phone book as described on page 102.

Delete the list of received calls

☞ Select and confirm one of the numbers in the list of received calls.

☞ Select and confirm "DEL. LIST" in the command line.

☞ Confirm "DELETE?".

✔ The list of received calls is deleted.

```
BUSINESS
+49987654321
◀█ CALL? █▶
```
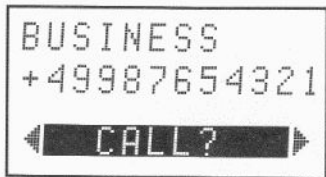
Example: Cursor marks a command

Using the menus

The menus of the CCRT 700 can be displayed in three lines of the display. The active line (cursor) is always highlighted (black characters on a white background)

Executable commands are always displayed in capital letters. Menu options or list entries are shown in the upper two lines of the display. The bottom line shows either executable commands or information on the current menu.

Turning the multi-functional control selects the desired command or option.

Pressing the multi-functional control confirms the selection or executes the selected command.

```
Add name:
_

◀OK █ABCDEFG▶
```
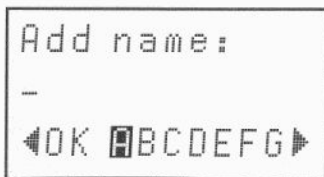
Example: Character entry

Abort function

If you want to abort an entry or if you don't know how to exit a certain menu:

☞ Press ━━ key.

✔ The set goes back to stand-by mode.

Note: Pressing the ━━ key during a connected call will end this call!

Entering characters

For entering names or messages the letters are selected from a list.

For this purpose 3 different character lists are available:

❏ Upper case,
❏ Lower case,
❏ Extra characters.

• For the display of Greek only upper case characters are available.

Moreover you can edit an entry which is already stored with a movable cursor.

When editing a new phone book entry or a message first the list of upper case characters appears.

You can select the desired characters with the multi-functional control or with the search keys ◁ and ▷. The selected character is confirmed by pressing the multi-functional control.

▶

You want to store a new phone number in your phone book. The entry should be named with "Susi&Mark":

In stand-by mode:

☞ Select and confirm "PHONEBOOK" in the command line.

☞ Select and confirm "ADD ENTRY".

✔ The display shows "Add no.:".

☞ Enter the new phone number with the number keys **0 ... 9**.

☞ Select and confirm "OK" in the command line.

✔ The display now shows "Add name:" and the list of upper case characters.

☞ Select the "S" with the multi-functional control or with the search keys ◁ and ▷ and confirm by pressing the multi-functional control.

☞ Select and confirm "OK".

☞ Select and confirm "LOWER CASE" in the command line.

✔ The list of lower case characters appears.

☞ Select and confirm "u", "s" and "i" from the list of characters in succession.

☞ Select and confirm "OK".

☞ Select and confirm "EXTRA CHAR" in the command line.

✔ The list of special characters appears.

☞ Select and confirm "&" from the list of special characters.

☞ Select and confirm "OK".

☞ Select and confirm "UPPER CASE" in the command line.

☞ Enter all further letters the same way as described above.

☞ Select and confirm "OK" in the command line to complete the name entry.

Incorrect entry?

☞ Briefly press **CLR** key:
The last entered character is deleted.

☞ Press **CLR** key for longer:
The complete entry is deleted.

The movable cursor

With the "move cursor" function you can edit existing names and numbers from the phone book or alter messages.

☞ Select desired entry or message or make a new entry.

☞ Select and confirm "EDIT".

☞ Select and confirm "MOVE CURS." in the command line.

✔ A "_" appears as the cursor at the end of the entry.

☞ Move the cursor to the desired place with the multi-functional control.

Delete characters:

☞ Delete incorrect characters backwards with the **CLR** key.

Inserting digits:

☞ Enter additional digits by pressing the relevant number keys.

Inserting characters:

☞ Select and confirm "OK" in the command line.

☞ Select one of the three lists of characters and enter the desired characters.

Phone book

The phone book gives you the opportunity to store phone numbers on your SIM card. The maximum number of entries is dependent on your SIM card.

Additionally you can assign a name to each phone number.

Moreover every phone book entry is numbered with a position number. This position number directly refers to the storage number on the SIM card.

When adding new entries the CCRT 700 suggests the next position number available in the phone book, but you can also alter the position number.

By factory default the phone book is sorted alphabetically. You can also set the phone book to be sorted by position numbers. See "Settings menu", page 116.

Entering the phone book menu

In stand-by mode:

☞ Select and confirm "PHONEBOOK" in the command line.

✔ The phone book menu is displayed.

Making calls out of the phone book

You can select a phone book entry and dial it directly.

In the phone book menu:

☞ Select and confirm "BOOK LIST".

✔ The display shows the first phone book entry.

☞ Turn multi-functional control to select the desired entry.

☞ Press ☎.

or:

☞ confirm selected entry, then confirm "CALL?".

✔ The phone number of the selected entry is dialled.

Searching for an entry

You can search for a certain entry in your phone book.

In the phone book menu:

☞ Select and confirm "SEARCH LIST".

☞ Select and confirm the initial letter with the multi-functional control.

✔ The display shows the first phone book entry starting with the selected letter.

• If the displayed entry is not the one you were searching for, you can scroll through the list by turning the multi-functional control.

►

Adding entries

In the phone book menu:

☞ Select and confirm "ADD ENTRY".

✔ The display shows "Add no.:".

- If the display shows "SIM full" no further entries can be stored in the phone book. Delete one or more entries no longer required before adding a new entry.

☞ Enter the desired phone number with the number **0 ... 9** keys.

- A **+** should be added to all international numbers as the first digit.

- You should always enter the phone number completely with the country code (for example +49 ...).

☞ If you entered a wrong digit, press the **CLR** key.

☞ Confirm entered phone number with "OK".

✔ The display shows "Add name:" and the list of upper case characters for the name entry.

☞ Enter the desired name for the phone number.

- The maximum length for name entries is dependent on your SIM card. The CCRT 700 supports entry of up to 18 characters.

☞ Select "OK" to store the name in the phone book.

✔ The display now shows the next available position number.

☞ Accept position number by selecting "OK".

or:

☞ enter the desired position number with the number keys.

✔ Now the entry is stored on the position you selected.

- If an entry is already stored on the selected position number this entry is shifted to the next available position.

Useful phone numbers

We recommend that you store the following phone numbers in your phone book:

❏ The emergency number 112 or a different emergency number (country-specific).

❏ The number of the message centre.

❏ The number of the voice mailbox (normally prestored on your SIM card).

Editing an entry

You can edit the name, the phone number or the position number of a phone book entry.

☞ Select and confirm desired phone book entry.

☞ Select and confirm "EDIT" in the command line.

✔ The display shows "Edit no.:" and the phone number.

Changing the number

☞ Delete backwards by pressing the **CLR** key until you have reached the desired digit and enter the changed digits,

or:

☞ press **CLR** key for longer to delete the complete number,

or:

☞ edit the number by use of the movable cursor.

☞ Select and confirm desired phone book entry.

☞ Select and confirm "EDIT" in the command line.

☞ The display shows "Edit no.:" and the phone number.

☞ Select and confirm "OK" in the command line.

✔ The display shows "Edit name:" and the name.

☞ Delete backwards by pressing the **CLR** key until you have reached the desired character,

or:

☞ press **CLR** key for longer to delete the complete name.

☞ Select "UPPER CASE", "LOWER CASE" or "EXTRA CHAR" and enter the characters to be changed.

or:

☞ edit the name by use of the movable cursor.

Changing the position number

This way you can for example shift a phone number already stored in the phone book into the quick dial section (position numbers 1 to 10).

☞ Select and confirm desired phone book entry.

☞ Select and confirm "EDIT" in the command line.

☞ Confirm the number and the name by selecting "OK" in the command line.

✔ The display shows "Edit pos.:" and the current position number.

☞ Delete the position number with the **CLR** key and enter new position number with the number keys.

or:

☞ change the number with the movable cursor.

- An entry previously stored on this position is automatically shifted to another position number. The display then shows the new position number of the shifted entry.

- The number of available position numbers (storage locations) depends on the SIM card inserted.

- The CCRT 700 supports up to 100 entries in the SIM book and up to 50 entries in the PIN2 book.

Deleting entries

To delete an entry from the phone book:

☞ Select and confirm desired phone book entry.

☞ Select and confirm "DELETE" in the command line.

✔ The display shows "DELETE?".

☞ Confirm "DELETE?".

✔ The entry is deleted.

Notebook

You can store a number in the notebook during a phone call. See "During a call"

With this function you can dial the stored number, add it to the phone book or delete it from the notebook.

Own phone number

Here you can store up to 5 own phone numbers on your SIM card.

You can edit the numbers, shift from one position to another or delete them.

▶

PIN2 book

The PIN2 book is an additional phone book. Changes in this book can only be carried out after entering a special code (PIN2).

Together with a special call barring option you can for example restrict calls only to the PIN2 book and protect the normal phone book. See "Call barring menu", page 112.

- You get the PIN2 from your network operator or service provider.
- The PIN2 is not supported by all SIM cards.
- You can change the PIN2 if you want to. See "Security menu", page 119.

The PIN2 book gives you the following opportunities:

❑ Dial phone numbers from the PIN2 book,
❑ Search for entries,
❑ Add entries (PIN2 required),
❑ Edit existing entries (PIN2 required),
❑ Delete entries (PIN2 required).

In the phone book menu:

☞ Select and confirm "PIN2 BOOK".
✔ The |PIN2 BOOK| is shown.

The following menu options are available:

|BOOK 2 LIST|
Shows the list of PIN2 book entries.

|SEARCH LIST|
Same as "Searching for an entry", page 101.

|ADD ENTRY|
Enter the PIN2 before you can add entries. See also "Adding entries", page 102.

Mailbox menu

Most of the network operators and service providers provide a voice mailbox for their customers.

The |VOICE MAIL| menu gives you the following opportunities:

❑ Calling the mailbox and hearing messages,
❑ Forwarding all calls to your voice mailbox with forwarding option "ALL CALLS",
❑ Reset call forwarding.

- For use of the mailbox please refer to the user manual of your network operator or service provider.
- If you set the call forward option in the |VOICE MAIL| menu, all incoming calls are forwarded to your voice mailbox, even if your telephone is switched on and connected to a network.
  If you want to forward calls to your mailbox only for example if you are unreachable, you have to set another call forwarding option. See "Call forwarding menu", page 110.

In stand-by mode:

☞ Select and confirm "MAILBOX" in the command line.
✔ The mailbox menu is shown.

Hearing voice messages

☞ Select and confirm "CALL MAILBOX".

If the correct mailbox number is already shown on the display:

☞ Confirm "CALL?" in the command line.

or:

☞ press ☎.

✔ The mailbox number is dialled.

If no mailbox number has been entered yet:

☞ Enter the mailbox number with the number keys.

or:

☞ Select and confirm "PHONEBOOK" in the command line.

☞ Select the mailbox number from the phone book (if stored).

☞ Proceed as described above.

- You get the mailbox number from your network operator or service provider. It is often stored on the SIM card by default.

Forwarding calls to your mailbox

☞ Select and confirm "FORW.MAILBOX".

☞ Enter the number for call forwarding to your mailbox with the number keys.

or:

☞ recall the number from your phone book (if already stored).

or:

☞ edit the displayed number with the movable cursor.

☞ Select and confirm "OK" in the command line.

✔ The call forwarding option "ALL CALLS" is set.

- To carry out this function the telephone has to be connected to the network.

- If you set the call forwarding in the mailbox menu, all calls will be forwarded to your mailbox.
  The ⟶ indication appears on the display.

- You get the phone number for call forwarding to your mailbox from your network operator or service provider.

Resetting call forwarding to your mailbox

☞ Select and confirm "RESET FORW.".

✔ The display shows "Reset forward.: of all calls".

☞ Confirm "OK" in the command line.

✔ The call forwarding to your mailbox is cancelled.

- To carry out this function the telephone has to be connected to the network.

- The ⟶ indication disappears from the display.

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Messages menu

Your CCRT 700 provides the capability to receive and send short messages. Short messages are alphanumerical text messages individually sent to your phone number. You can also send individual short messages to other mobile phones.

- When new messages have been received the display shows the ⊠ indication.
- All received messages are stored on your SIM card. You can re-use stored messages to forward them to other phone numbers (for example to send an answer)
- The number of messages that can be received or stored depends on the memory of your SIM card.
- To receive messages free memory on your SIM card is required. Therefore you should always delete messages no longer required. See page 109.

In stand-by mode:

☞ Select and confirm "MESSAGES" in the command line.

✔ The display shows the newly received messages and the messages you have already stored or read.

- Messages which are already stored or read are shown as "saved msg".

In the messages menu the following functions are available:

❑ Read messages,
❑ Call the sender of a message,
❑ Dial a phone number contained in a message,
❑ Edit, store and forward messages,
❑ Delete messages.

New messages

In the messages menu:

☞ Select and confirm "NEW MSGS" in the command line.

✔ The list of received messages is shown.

- The message last received is at the top of the list.
- The phone numbers of the senders are shown, if the network transmits this information.

Reading new messages

☞ Select and confirm the desired message.

✔ The date and time of sending the message are shown.

☞ Select and confirm "READ MSG".

✔ The message content is shown.

☞ With the multi-functional control you can scroll through the text.

☞ Select "EXIT" to stop reading the message.

- Messages which cannot be stored on your SIM card due to insufficient memory, are stored in the message centre of your network operator or service provider for a certain time. As soon as you free memory on your SIM card by deleting old messages you can read these messages.

Calling back a sender

If the phone number of the sender is shown in the list of messages you can directly dial this number from the messages menu.

☞ Select desired message.

☞ Press ✆.

or:

☞ Select and confirm the desired message.

☞ Select and confirm "CALL" in the command line.

✔ The sender of the message is called.

Calling a number contained in a message:

If a phone number is contained in a message text you can automatically dial this number when reading the message.

☞ Scroll through the message until the phone number is marked.

☞ Press ✆.

✔ The phone number is dialled.

Restrictions:

For automatic phone number recognition in a message the following requirements have to be met:

❏ The phone number must not include spaces or special characters.

❏ A space has to be placed before and behind the phone number.

❏ The phone number has to be longer than three digits.

Reading saved messages

In the messages menu:

☞ Select and confirm "SAVED MSGS" in the command line.

✔ The list of messages already stored is shown.

✔ The phone numbers of the senders are shown, if the network transmits this information.

☞ Select and confirm the desired message.

✔ The date and time of sending the message are shown.

☞ Select and confirm "READ MSG".

✔ The message content is shown.

☞ With the multi-functional control you can scroll through the text.

☞ Select "EXIT" to stop reading the message.

►

Forwarding messages

With the use of this function you can edit new or saved messages, store them or forward them to other users of mobile phones.

In the messages menu:

☞ Select and confirm "NEW MSGS" or "SAVED MSGS" in the command line.

☞ Select and confirm the desired message.

☞ Select and confirm "FORW. MSG" in the command line.

✔ The phone number of the sender is shown (if the network has transmitted this information).

☞ Enter the phone number to which the message should be forwarded,

or:

☞ accept the displayed phone number with "OK", for example to answer the sender of the message.

☞ Select and confirm "OK" in the command line.

✔ The list of lower case characters appears, the cursor is placed at the end of the message text.

☞ Edit the message as desired, for example by deleting or adding text.

or:

☞ select and confirm "OK" twice to forward the message without any changes.

☞ Select and confirm "SEND" in the command line.

• If you want to send messages to phone numbers from outside your home network you may first have to store a different phone number for the message centre. See page 109.

Sending messages

To send messages the following requirements have to be met:

❑ The telephone has to be connected to a GSM network.

❑ The phone number of the message centre has to be stored in your telephone.

In the messages menu:

☞ Select and confirm "SEND MSG" in the command line.

☞ Enter the phone number of the message recipient with the number keys,

or:

☞ select a phone book entry,

or:

☞ select an entry from the redial list.

☞ Enter the message text by use of the character lists.

☞ Select and confirm "SEND" in the command line.

✔ The message is sent to the message centre.

Deleting messages

Deleting a particular message

In the messages menu:

☞ Select and confirm "NEW MSGS" or "SAVED MSGS" in the command line.

✔ The list of new or stored messages is shown.

☞ Select and confirm the desired message.

☞ Select and confirm "DEL. MSGS" in the command line.

☞ Confirm "DELETE?" in the command line.

✔ The selected message is deleted.

Deleting all messages

In the messages menu:

☞ Select and confirm "DEL. MSGS" in the command line.

✔ A list with new and stored messages is shown.

☞ Select and confirm "DELETE NEW" or "DELETE SAVED".

☞ Confirm "DELETE?" in the command line.

✔ All new or all stored messages are deleted.

Configuring messages

In the |CONF.MSGS| menu the following functions are available:

❑ Set the validity time for sent messages

❑ Enter and change the number of the message centre

|VALIDITY|

Here you can specify how long the messages you send should be stored at the message centre.

The message recipient can only receive your messages within this time. After this time the messages are deleted.

☞ Delete displayed validity time with the **CLR** key.

☞ Enter desired validity time (1 to 30 days) with the number keys.

☞ Confirm "OK" in the command line.

✔ The new validity time for sent messages is set.

- You can get information about the maximum validity time for sent messages from your network operator or service provider.

|MSG CENTER|

Here you can store the number of the message centre, which is required for sending messages.

If you want to send messages to recipients beyond your home network, you may have to enter the number of a different message centre here.

- You can get the number of the message centre from your network operator or service provider.

Call forwarding menu

You can forward incoming calls to another phone number, for example to a fixed phone or to your voice mailbox.

In the |CALL FORW| menu you can set different call forwarding options:

❏ If unreachable (telephone is switched off, not connected to the network, etc.),

❏ If you do not answer an incoming call,

❏ If you do not want to be disturbed (all calls). See also "Mailbox menu", page 104,

❏ If your telephone is busy.

• To have access to the |CALL FORW| menu the call barring option |EXCPT PIN2| must not be activated.

• In case of activated call forwarding option, additional charges can result depending on your network opreator and/or service provider.

In stand-by mode:

☞ Select and confirm "MENU" in the command line.

☞ Select and confirm "CALL FORW."

✔ The |CALL FORW| menu is shown.

• The telephone has to be connected to the network to carry out the forwarding options.

• If a call forwarding option is set, a tick appears behind the option.

If unreachable |IF UNREACH.|

This option forwards the calls if you have switched off your telephone, not inserted a SIM card or the telephone is not connected to the network.

☞ Select and confirm "IF UNREACH.".

☞ Enter the phone number,

or:

☞ confirm the displayed phone number or edit it with the movable cursor.

or:

☞ select a phone book entry.

☞ Select and confirm "OK" in the command line.

✔ All incoming calls are forwarded to the entered phone number, if you are unreachable.

If no reply |IF NO REPLY|

If you cannot or do not want to answer a call.

☞ Select and confirm "IF NO REPLY"

☞ Enter the phone number,

or:

☞ confirm the displayed phone number or edit it with the movable cursor,

or:

☞ select a phone book entry.

☞ Select and confirm "OK" in the command line.

☞ All unanswered calls are forwarded to the entered phone number.

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All calls |ALL CALLS|

If for example you want to forward all calls to your office or you do not want to be disturbed.

☞ Select and confirm "ALL CALLS".

☞ Enter the phone number.

or:

☞ confirm the displayed phone number or edit it with the movable cursor.

or:

☞ select a phone book entry.

☞ Select and confirm "OK" in the command line.

✔ All calls are forwarded to the entered phone number.

✔ The display shows the ─→ indication.

• The call forwarding option "ALL CALLS" has priority over all other forwarding options and overrules them.

• If the call forwarding option "ALL CALLS" is reset, the call forwarding option to your voice mailbox is also cancelled. See "Mailbox menu", page 104.

If busy |IF BUSY|

If your telephone is busy.

☞ Select and confirm "IF BUSY".

☞ Enter the phone number.

or:

☞ confirm the displayed phone number or edit it with the movable cursor.

or:

☞ select a phone book entry.

☞ Select and confirm "OK" in the command line.

✔ While your telephone is busy, all incoming calls are forwarded to the entered phone number.

Resetting call forwarding

To reset a particular call forwarding option:

☞ Select and confirm the desired active call forwarding option.

✔ The call forwarding option is cancelled.

• The phone numbers indicated for this forwarding option remain stored in the network.

Resetting all call forwarding options |RESET|

If you want to cancel all call forwarding options in one go:

☞ Select and confirm "RESET".

✔ All call forwarding options are cancelled and all phone numbers stored in the network are deleted.

• This function also cancels the call forwarding to your voice mailbox. See "Mailbox menu", page 104.

Call barring menu

You can set and reset call barring for certain calls.

The |BARRING| menu is divided into the two submenus for incoming calls |BAR IN| and for outgoing calls |BAR OUT|.

In stand-by mode:

☞ Select and confirm "MENU" in the command line.

☞ Select and confirm "CALL BARRING".

✔ The |BARRING| menu is shown.

- You need the network code to carry out the call barring options in the submenus |BAR IN|NET SERVICES| and |BAR OUT|NET SERVICES|. You can get the network code from your network operator or service provider.

- The telephone has to be connected to the network to change the call barring options.

- Call barring options may depend on your network operator or service provider and you may be charged for these options.

Incoming calls

In the |BAR IN| submenu the following options are available:

❑ Bar incoming calls in a network other than your home network (roaming), for example if you are abroad,

❑ Bar all incoming calls.

Net services |NET SERVICES|

To set and reset incoming call barrings provided by your network operator or service provider.

|ROAMING|

The GSM standard gives you the opportunity to receive calls even when your telephone is connected to a network other than your home network, for example if you are abroad (roaming). If you want to bar calls from a network other than your home network (if you do not want to be charged for extra costs arising by roaming):

☞ Select and confirm "ROAMING".

☞ Enter the network code.

☞ Select and confirm "OK" in the command line.

✔ Incoming calls when roaming are barred.

- If the call barring is set, a tick appears behind the option.

|ALL CALLS|

If you want to bar all incoming calls:

☞ Proceed as described under |ROAMING|.

✔ The display shows the ☎ indication.

|RESET|

To cancel all call barrings in the |BAR IN|NET SERVICES| submenu.

Outgoing calls

In the |BAR OUT| submenu the following options are available:

- ❏ Bar international calls.
- ❏ Bar international calls excluding your home country.
- ❏ Bar all outgoing calls.
- ❏ Bar all outgoing calls excluding phone numbers from the PIN2 book.

Net services |NET SERVICES|

To set and reset outgoing call barrings provided by your network operator or service provider.

|INT. CALLS|

If you want to bar calls to abroad:

☞ Select and confirm "INT. CALLS".

☞ Enter the network code.

☞ Select and confirm "OK" in the command line.

✔ Outgoing international calls are barred.

- If the call barring is set, a tick appears behind the option.

|EXCPT HOME|

All international calls are barred excluding calls to your home country, if you are abroad.

☞ Proceed as described under |INT. CALLS|.

|ALL CALLS|

If you want to bar all outgoing calls:

☞ Proceed as described under |INT. CALLS|.

|RESET|

To cancel all call barrings in the |BAR OUT|NET SERVICES| submenu.

Resetting a particular call barring option

If you want to cancel a particular active call barring option:

☞ Select and confirm desired option.

☞ Enter the network code.

✔ The call barring option is cancelled.

- The tick behind the option disappears.

Limit outgoing calls to PIN2 book
|EXCPT PIN2|

Here you can limit all outgoing calls to entries from the PIN2 book. Moreover the access to the normal phone book is locked.

- You need the PIN2 to carry out this function.
  You can get the PIN2 from your network operator or service provider.
- This function (PIN 2) is not supported by all SIM cards.
- By activating this call barring option also access to all call forwarding options is blocked.

In the |BARRING| menu:

☞ Select and confirm "BAR OUT".

☞ Select and confirm "EXCPT PIN2".

☞ Enter the PIN2.

☞ Select and confirm "OK" in the command line.

✔ Now you can only dial numbers from the PIN2 book.

▶

- You can also dial numbers from which the first digits are stored in a PIN2 book entry by retrieving this number from the PIN2 book and adding further digits with the number keys.
  This way you can for example limit outgoing calls to an area for which the area code is stored in the PIN2 book.
- If the call barring is set, a tick appears behind the option.
- If the call barring option |ECXPT PIN2| is set, several functions are locked which require a network request (for example call forwarding, call barrings controlled by the network, changing the network code).

Reset call barring PIN2 book

In the |BARRING| menu:

☞ Select and confirm "BAR OUT".

☞ Select and confirm "EXCPT PIN2".

☞ Enter the PIN2.

☞ Select and confirm "OK" in the command line.

✔ The call barring option is cancelled.

- The tick behind the option disappears.

Network menu

Normally your telephone automatically connects to your home network. The home network is the network of your network operator or service provider. If you are beyond the limits of your home network or abroad, the telephone searches for a network available in that area.

In the |NETWORK| menu the following options are available:

❏ Automatic network selection,

❏ Manual network selection,

❏ Manual/automatic network selection (the manually selected network is preferred),

❏ Build up and edit a list of preferred networks.

In stand-by mode:

☞ Select and confirm "MENU" in the command line.

☞ Select and confirm "NETWORK".

☞ The |NETWORK| menu is shown.

Automatic selection |AUTO SEL.|

☞ Select and confirm "AUTO SEL.".

✔ The telephone automatically connects to your home network.

- If automatic selection is active, a tick appears behind the option.
- Automatic selection is set by factory default.
- If your home network cannot be received, a network from the list of preferred networks is selected.
  See "List of preferred networks".
- If the list of preferred networks is empty, a network is selected, which is available for you.

Manual selection |MAN. SEL.|

You can manually connect to a network currently on air, if your network operator or service provider allows you to.

☞ Select and confirm "MAN. SEL.".
✓ The list of networks currently on air is shown.
☞ Select and confirm the desired network.
✓ The telephone connects to the selected network, if this is allowed by the network operator or service provider.

• If manual selection is active, a tick appears behind the option.
• If the selected network can no longer be received, you have to select another receivable network or switch to one of the functions "Automatic selection" or "Manual automatic".

Manual automatic |MAN. AUTO|

In general this function is the same as "Manual selection". But if you leave the reception area of the manually selected network, the telephone switches to automatic selection.

☞ Select and confirm "MAN. AUTO".
✓ The list of networks currently on air is shown.
☞ Select and confirm the desired network.
✓ The telephone connects to the selected network.

• If manual automatic selection is active, a tick appears behind the option.
• If the selected network can no longer be received, the telephone automatically connects to another network.

List of preferred networks |PREF. LIST|

In the |PREF. LIST| menu you can determine which network should be preferred when your telephone connects to a network other than your home network.

|VIEW LIST|

Shows the list of preferred networks currently stored.

|ADD NETWORK|

By means of this function you can add new entries to the list of preferred networks.

　　Networks available |NETS ON AIR|
　　Adding a network currently on air.

　　Known networks |KNOWN NETS|
　　Adding a network from the list of world-wide existing GSM networks.

|DELETE NET|

Deleting one of the networks from the list of preferred networks.

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Settings menu

The |SETTINGS| menu is divided into three submenus:

❏ Telephone settings |PHONE SET.|
❏ Network settings |NETW. SET|
❏ Configuration |CONF. SET|

Moreover you are able to reset the telephone to its factory defaults by selecting the |DEF. RESET| option.

In stand-by mode:

☞ Select and confirm "MENU" in the command line.
☞ Select and confirm "SETTINGS".
✔ The |SETTINGS| menu is shown.
☞ Select the desired submenu.

Phone settings

In the |PHONE SET.| submenu the following functions are available:

❏ Automatic answering on/off,
❏ Phone book sorting: alphabetical/by position number,
❏ User information on/off.

Automatic answering |AUTO ANSWER|

To switch on or off automatic answering of an incoming call.

• If the function is set, a tick appears behind the option.

Phone book sorting |BOOK SORT.|

To switch on or off alphabetical sorting of the phone book.

• If alphabetical sorting is set, a tick appears behind the option.
• If this function is switched off, phone book entries are sorted by their position number on the SIM card.

User information |INFO WINDOW|

To switch on or off display of brief user information when selecting telephone mode.

• If the function is set, a tick appears behind the option.

Network settings

In the |NETW. SET| submenu you can adjust the following settings:

❏ Call waiting on/off,
❏ Check if call ID is enabled or disabled by your network operator or service provider.

• To have access to the |NETW. SET| submenu, the call barring option |EXCPT. PIN2| for outgoing calls must not be set. See "Call barring menu", page 112.

Announcement when a second call is waiting |CALL WAIT.|

Select if you want to be informed by a beep during a call when a second call is waiting.

• If the function is set, a tick appears behind the option.

Show call ID |CALL ID|

Shows you whether your phone number (call ID) is transmitted to the called phone or not.

• If transmission of your call ID is enabled, a tick appears behind the option.
• You have to register enabling/disabling of the call ID at your network operator or service provider.

Configuration

In the |CONF. SET| submenu you can adjust the following settings:

- ❑ Select the language for display messages.
- ❑ Select tone and volume of the ringer,
- ❑ Switch on/off display of call time and charges.
- ❑ Show the cumulative call time and charges.
- ❑ Reset the cumulative call time and charges,
- ❑ Enable/disable the loan phone lock.
- ❑ Set or reset a charge limit,
- ❑ Set or alter the charge rate.
- ❑ Show the identification number of the telephone (IMEI) for service.

Selecting the language |LANGUAGE|

☞ Select the language of displayed messages.

- If you select "AUTOMATIC" the language of your home network is set.
- If no display language is available for your language the set automatically switches to ENGLISH
- For altering the menu language a SIM card has to be inserted.

Ringer tone and volume |RINGER|

☞ Select the tone and the volume of the ringer.

Time and cost display |CALL METERS|

In the |CALL MTRS| submenu the following options are available

|TIME|

Switch on/off the display of the elapsed time of a call.

- If the function is set, a tick appears behind the option.

|COSTS|

Switch on/off the display of the cumulated charges of a call.

- If the function is set, a tick appears behind the option.
- Before you can enable the |COSTS| option you have to enter the charge rate by selecting the |CHARGE RATE| option. See next page.
- You may have to register for this service with your network operator or service provider.
  Transmission of the charge rate impulse causes additional charges and may affect the performance of your SIM card (for example call forwarding).

|VIEW MTRS|

Show the cumulated time |TOTAL TIME| and charges |TOTAL COSTS|.

|RESET MTRS|

Set the cumulated time |TOTAL TIME| and charges |TOTAL COSTS| to zero.

- If you want to reset the cumulated time, the loan phone lock has to be disabled (see below).
- If you want to reset the cumulated charges you have to enter the PIN2.

|LOAN PHONE|

If you enable the loan phone lock the following functions are locked:

- ❑ Reset the cumulated time.
- ❑ Change the charge rate.
- You have to enter the radio code to enable/disable the loan phone lock.

►

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|CHARGE LIMIT|

With this option you can specify a charge limit, which limits the use of the SIM card to the entered charge as soon as the loan phone lock is activated.

☞ Select "CHARGE LIMIT" in submenu |CALL MTRS|.

☞ Select "SET LIMIT" in submenu |LIMIT|.

☞ Enter the PIN2.

☞ Enter the desired charge limit with the number keys.

- If a charge limit is already set, this charge limit is displayed.

☞ If you want to change the existing limit, delete with the **CLR** key backwards to the desired digit.

☞ If you want to enter a decimal point select and confirm "ENTER ","" in the command line.

- Make sure that the selected charge rate is set correctly. The charge limit directly depends on the entered charge rate.

Reset charge limit

☞ Select and confirm "RESET LIMIT" in submenu |LIMIT|.

☞ Enter the PIN2.

✔ The charge limit is deleted.

|CHARGE RATE|

☞ Select "CHARGE RATE" in the |CALL MTRS| submenu.

- If the loan phone lock is enabled, first enter the radio code.

☞ Select the currency for the charge display.

☞ Enter the cost of one unit with the number keys.

☞ If you want to enter a decimal point select and confirm "ENTER ","" in the command line.

☞ If you want to alter or clear a charge rate previously entered, use the **CLR** key.

Hardware identification |SHOW IMEI|

Shows the hardware identification number (IMEI) of your telephone module.

- This number is required for service purposes only.

Resetting to defaults

With the |DEF. RESET| option you are able to reset all user specific settings of the telephone to their factory default.

The following settings are made when resetting:

- ❏ |AUTO ANSWER| (off)
- ❏ |BOOK SORT.| (on)
- ❏ |INFO WINDOW| (on)
- ❏ |RINGER| (Tone 2, Volume 4)
- ❏ |TIME| and |COSTS| (off)
- ❏ |OFF DELAY| (0 min.)

Other method

☞ Switch off the CCRT 700 with the **OI** key.

☞ Press the **CLR** key and keep it pressed.

☞ Hold the **CLR** key and switch on the CCRT 700 with the **OI** key.

✔ All above mentioned settings are reset to their factory defaults.

✔ In addition the display language is set to ENGLISH.

Security menu

In the |SECURITY| menu you can adjust the following settings:

❏ Disable PIN entry (not supported by all SIM cards).

❏ Change your PIN.

❏ Change PIN2 (not supported by all SIM cards).

❏ Change the network code.

❏ Adjust the time delay for switch-off of the telephone.

In stand-by mode:

☞ Select and confirm "MENU" in the command line.

☞ Select and confirm "SECURITY".

✔ The |SECURITY| menu is shown.

PIN entry |PIN ON|

If you want to disable the PIN entry:

☞ Select and confirm "PIN ON".

☞ Enter the PIN and confirm.

✔ The PIN entry is now disabled.

• If the function is set, a tick appears behind the option.

• Disabling the PIN entry is not supported by all SIM cards.

Changing the PIN |CHANGE PIN|

If you want to change your PIN:

☞ Select and confirm "CHANGE PIN".

☞ Enter old PIN.

☞ Confirm "OK" in the command line.

☞ Enter a new PIN.

☞ For confirmation enter the new PIN again after you are requested.

✔ The changed PIN is stored on your SIM card.

Changing the PIN2 |CHANGE PIN2|

If you want to change the PIN2:

☞ Select and confirm "CHANGE PIN2".

☞ Proceed as described under "Changing the PIN".

• The PIN2 is not supported by all SIM cards.

Changing the network code |CHANGE NETC|

If you want to change your network code:

☞ Select and confirm "CHANGE NETC".

☞ Proceed as described under "Changing the PIN".

• To change the network code your telephone has to be connected to the network.

Switch off delay |OFF DELAY|

With the switch off delay time you can adjust how long the PIN code should remain active with the SIM card inserted after switching off the ignition. You can directly access the telephone functions after switching on the CCRT 700, even without entering the PIN code again.

After the switch off delay has expired the PIN code has to be entered again when switching on the CCRT 700.

☞ Select and confirm "OFF DELAY".

☞ Delete the displayed delay time with the **CLR** key.

☞ Enter the desired delay time in minutes with the number keys (0 to 99 minutes).

☞ Confirm "OK" in the command line.

• If you want the PIN control to be active directly after switching off the CCRT 700, enter a value of 0 minutes.

• If a delay time other than 0 minutes is entered, a tick appears behind the option.

Multi calls menu

The CCRT 700 provides comfortable menu support for multiple calls at the same time. During a call the following functions are available in the |MULT. CALLS| menu:

- ❑ Call new numbers without ending the current call,
- ❑ Answer further calls,
- ❑ Swap between two calls,
- ❑ Join calls together to form one conference call,
- ❑ End active call or call on hold,
- ❑ End all calls at the same time.

Making a second call |CALL NEW|

During a call:

☞ Select and confirm "OPTIONS" in the comand line.

☞ Select and confirm "MULT. CALLS" in the command line.

✔ The |MULT. CALLS| menu is shown.

☞ Select and confirm "SWAP" in the command line to set the current call on hold.

- If you do not set the call on hold the caller of the first call hears the dial tones for the second call.

☞ Enter the phone number with the number keys or select a phone book entry or a number from the redial list.

☞ Select and confirm "CALL?" in the command line.

✔ The new phone number is dialled.

✔ The current call is set on hold.

During a call:

☞ Enter the new phone number and send the call.

☞ The caller of the first call hears the dial tones for the second call.

✔ The new phone number is dialled.

✔ The current call is set on hold.

- The telephone now automatically enters the |MULT. CALLS| menu.

Swap between active and held call |SWAP|

☞ Select and confirm "SWAP" in the command line.

✔ The active call is set on hold. The previously held call is now active.

✔ A star before the number or name shows the active call.

• You can swap between the two calls in this way.

Conference call |CONFERENCE|

You can join an active and a held call together to one conference call:

In the |MULT. CALLS| menu:

☞ Select and confirm "CONFERENCE" in the command line.

✔ Now the active and the held call are joined together and handled as one call.

☞ You can set this conference call on hold, call a new phone number and join this new call to the existing conference call as described above.

Ending a certain call |END...|

In the |MULT. CALLS| menu:

☞ Select and confirm "END..." in the command line.

☞ Select the call to be ended (active or held).

✔ The selected call is ended.

• Now you can continue with the other call.

Ending all calls

☞ Press ☎.

or:

☞ Select and confirm "ALL" in the |MULT. CALLS| END...| submenu.

or:

☞ select and confirm "END".

Which call is active, which is on hold?

If you want to have information on the callers during multiple calls:

In the |MULT. CALLS| menu:

☞ Select and confirm "INFO" in the command line.

✔ A list of all current calls is shown.

☞ Select the desired call with the multi-functional control.

✔ The command line shows if it is the active or the held call.

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Handset (optional)

Normally you make calls with the built-in free speech unit of your CCRT 700. The optional handset gives you the following additional functions:

⚠ Always put the handset into its holder when you do not use the telephone.

Answering a call

If the phone rings:

☞ Pick up the handset.

✔ The call is accepted.

- Now you can speak to the caller with the handset.
- You can also answer a second call by picking up the handset during a connected free speech call.
- The free speech call is then ended.

Making and ending calls

☞ Enter phone number with the number keys or select an entry from the phone book or a list.

☞ Pick up the handset.

✔ The number is dialled.

Ending a call:

☞ Hang up the handset.

✔ The call is ended.

- A call can only be ended by hanging up the handset, if you are phoning with the handset.

Adjusting handset volume

During the call:

☞ Adjust the desired volume with the thumb wheel on the edge of the handset.

✔ This adjustment does not affect the free speech volume.

Switch from free speech to handset

During the call:

☞ Pick up the handset.

✔ The free speech unit is switched off.

Switch back to free speech

☞ Select and confirm "FREE SPEECH" in the command line.

✔ Free speech is activated again.

- Now you can hang up the handset without ending the call.

OnStar

What is OnStar ?

OnStar is a special telematic service for Opel drivers. With only one press on the OnStar key you will get hold of the service centre. seven days a week, around the clock. In personal dialogue with your operator you will get important information and valuable aids.

OnStar offers you the following service:

❏ Traffic information
❏ Route advice
❏ Roadside assistance
❏ Personal travelguide

Preconditions for OnStar operation

To have access to the OnStar service following these preconditions:

❏ The telephone has to be switched on.
❏ The SIM card has to be inserted and the PIN code has to be entered, if this is required.
❏ No call barrings for outgoing calls have to be set.* See "Call barring menu", page 112.
❏ Show own phone number has to be enabled.* See "Show own phone number", page 116.
❏ The SMS function has to be enabled.*

Using the OnStar service

☞ Briefly press OnStar key.
☞ Confirm "CALL?" in the command line.

or:

☞ Press OnStar for longer.
✔ The OnStar service centre is automatically called.
✔ The OnStar service centre answers.

OnStar Services

Traffic information

☞ Tell the operator your planned route.
✔ The service centre will inform you about traffic hold-ups according to your route and will recommend a detour if required.

Route advice

☞ Tell the operator your current position and the desired destination.
✔ The service centre will calculate and recommend the best possible route considering the current traffic information.

Roadside assistance

☞ Give a detailed account of your problem.
✔ The service centre will organise everything else for you.

Personal travelguide

The personal travelguide service offers you interesting information, for example about cultural attractions along your route, about restaurants, recommendations of hotels, petrol stations, addresses of Opel dealers and a lot more.

Therefore OnStar has direct access to a great deal of selected information. The data base is permanently updated.

* Only in combination OnStar with GPS, see page 124.

OnStar with GPS *

How does OnStar with GPS work ?

Your car permanently receives the signals of
the GPS navigation satellites (GPS = Global
Positioning System). The GPS receiver, which
is built into the car and connected to your
CCRT 700 evaluates your current position
and driving direction from the received
signals.

As soon as you press the On Star key, your
telephone automatically dials the number of
the OnStar service centre. During connection,
your telephone number, your car
identification, position and driving direction
are transmitted by a SMS short message, in
addition to the voice transmission.

So the service centre is informed about all
relevant data as soon as connection is set
up, even without a verbal request.

The OnStar service is instantly available.

During the call you can read out your
geographical position from the display by a
long press on the On Star key, if required.

What is GPS ?

GPS is a satellite-based navigation system.
Presently, there are 27 active satellites which
circle the earth in slightly less than 12 hours.

There are 20,200 km between the earth and
the 6 orbits. At all times, there are at least
4 satellites in sight, which are necessary to
calculate a three dimensional position.

With the transmitted signals, the receiver
determines the distance between the
satellites and the receiver. This enables it to
calculate its own position.

An 8 channel receiver is used to receive the
signals from 8 satellites at one time.

Problems with positioning

Under unfavourable circumstances it may
happen that not all data for the correct
calculation of your position is transmitted.
The reason for this could be interference in
reception.

No or interfered GPS reception may occur
under the following circumstances:

❑ In between high buildings.

❑ In car garages, in tunnels or under
bridges.

❑ In narrow valleys of mountainous
regions.

❑ During heavy rain or thunder storms.

❑ During unfavourable satellite
constellations.

- The service centre will bring these
problems to your attention.

☞ Briefly press the On Star key again
during the call.

✔ The data is transmitted to the service
centre once more.

- Your current position and driving
direction are transmitted everytime you
press the On Star key during the call.

Problems with the network

Under unfavourable circumstances it may happen that your data or not all of your data is transmitted to the service centre whilst the call is connected.

The OnStar service can only be called on if the telephone is connected and logged in to a GSM network.

In case of problems please first read the troubleshooting table on page 131 before requesting an authorized Opel dealer.

Extended Functions

Special settings

Ignition logic

Normally the CCRT 700 is switched on and off by pressing the OI key on the radio.

If the CCRT 700 is switched on, you can switch the set off and on again by removing or replacing and turning the ignition key.

The connection between radio and ignition key is set by factory default, but you can disable this connection.

- When "IGNI.LOG. Off" is displayed, you can only switch on and off the radio with the OI key.
- If the set is disconnected from the car battery and later reconnected, the ignition logic is enabled.
- Automatic switch-off after one hour is independent from the ignition logic. It is always enabled.

Disabling ignition logic

☞ Switch on the ignition.

☞ Switch off the radio with the OI key.

☞ Press ♪ key and and keep it pressed.

☞ Switch on the radio and keep ♪ key pressed.

✔ The settings menu is shown.

☞ Select and confirm "IGNI.LOG.".

✔ The state of the ignition logic is shown: "IGNITION LOG On" or "IGNITION LOG Off".

- If "IGNITION LOG Off" is shown, the ignition logic is already disabled.

☞ Select "EXIT" to abort or wait for 10 seconds.

☞ If "IGNITION LOG On" is shown, select and confirm "OFF" in the command line.

Enabling ignition logic

☞ Select "IGNITION LOG On" in the settings menu.

Medium wave tuning steps

To adjust the tuning grid for medium wave reception according to European (9 kHz) or American (10 kHz) standard.

☞ Switch on the ignition.

☞ Switch off the radio with the OI key.

☞ Press ♪ key and and keep it pressed.

☞ Switch on the radio and keep ♪ key pressed.

✔ The settings menu is shown on the display.

☞ Select and confirm "MW STEPS".

☞ Select and confirm the desired tuning steps.

✔ The selected tuning grid is stored.

Special audio functions

Selecting and adjusting special audio functions

☞ Press ♪ key.

✔ The audio menu is shown.

☞ Select and confirm "EXTRAS...".

☞ Select and confirm the desired audio function (see below).

☞ Adjust the desired value.

✔ The selected value is automatically stored.

☞ Press ♪ key again to leave the audio menu.

• If you do not change a setting within 10 seconds the audio menu is left automatically.

SDVC CURV – Automatic volume control

The automatic volume control compensates surrounding noise from the car by adjusting the volume depending on the car's speed.

You can select the compensation curves between 0 (off) and 5 (maximum increase).

Special audio function: SDVC CURV

Settings range: 0 to 5

TA VOL. – TA volume

In addition to normal volume setting you can programme the volume level of traffic announcements

Special audio function: TA VOL

Settings range: –3 to +3

PHONE AUDIO – Playback of TUNER, TAPE or CD in telephone mode

You can still listen to TUNER, TAPE or CD when you have selected PHONE. If you send or receive a call, sound reproduction is muted.

Special audio function: PHONE AUDIO

Setting: "ON" or "OFF"

EXT. VOL. – Volume of an external source

An external source can be connected to the CCRT 700 (for example navigation system, Traffic Master).

The sound of the external source is automatically reproduced by use of a remote switching signal from the external source, even if the CCRT 700 is switched off. The display then shows "EXT. IN".

In addition to the normal volume setting you can programme the volume of the external source.

Special audio function: EXT. VOL.

Settings range: –3 to +3

Coding

Radio code

- The CCRT 700 is protected by an electronic code. A coded set is worthless to a thief.

- If the CCRT 700 is disconnected from the power supply, for example when the set is stolen or when the car battery is disconnected, it is electronically locked.

- Only you can put the radio back into operation by entering the correct code number. The code number is stated on the Car Pass or the Radio Pass.

- Keep the Car Pass or Radio Pass together with your car documents in a safe place, but never in your car.

You can disable the theft protection by decoding the set (see "Decoding/coding the radio"), for example if you want to sell the radio. In this case inform the buyer of the radio about the code number.

Waiting periods after unsuccessful attempts of decoding prevent the set from being put back into operation by "trial and error".

IMPORTANT!

- During the waiting period the radio has to remain switched on.
- ✔ The display shows "RADIO SAFE".
- After the first two attempts, the waiting time lasts approx. 10 seconds. Afterwards it is increased to 10 minutes. After the 9th unsuccessful attempt the waiting time will be 640 minutes.

- After 10 unsuccessful attempts the set is blocked. The set has to be exchanged by an authorized Opel dealer at the owner's expense.

It is recommended to have the set put back into operation by an authorized Opel dealer after the sixth unsuccessful attempt.

The number of remaining attempts is shown on the display.

Neutralizing electronic lock
(for example after a break in power supply)

- ☞ Switch on the ignition.
- ✔ The display shows "Radio code:" and the number of remaining attempts, for example "---- (10)".

- After a wrong code number was entered the display shows "RADIO SAFE" and the waiting period runs down.

- ☞ Enter the code number with the number keys.

- ☞ Confirm "OK" by pressing the multi-functional control.

- ✔ You hear a confirmation beep and the set is no longer muted.

- You can abort code number entry by selecting "EXIT".

Incorrect entry?

- ☞ Briefly press **CLR** key:
  The last entered digit is deleted.

- ☞ Press **CLR** key for longer:
  The complete entry is deleted.

Disabling / enabling radio code

☞ Switch on the ignition.

☞ Switch off the CCRT 700 with the **OI** key.

☞ Press and hold the **AS** key.

☞ Switch on the CCRT 700, keep the **AS** key pressed until you hear a confirmation beep.

✔ The display shows "CODE" for approx. 3 seconds.

✔ Then "Radio code:" and the number of remaining attempts appear, for example "---- (10)".

☞ Enter code number (see Car Pass or Radio Pass) with the number keys.

☞ Confirm "OK" by pressing the multi-functional control.

Disabling radio code

☞ To disabled the code protection confirm "DEACTIVATE" by pressing the multi-functional control.

✔ Mute is cancelled.

● Now the radio is no longer protected against theft when the power supply is interrupted.

Enabling radio code

☞ To enable the code protection confirm "ACTIVATE" by pressing the multi-functional control.

✔ Mute is cancelled.

● Now the radio is again protected against theft.

Wrong code number confirmed

If you entered and confirmed an incorrect code number by mistake:

✔ The display shows "RADIO SAFE" and the waiting period runs down.

✔ After the waiting period is over the display shows "Radio code:" and the number of remaining attempts, for example "---- (9)".

● Now 9 attempts are left to enter the code.

☞ Enter the correct code number.

CD changer code

In addition to the radio the CD changer is protected by a code by default. The code number is stated on the Radio Pass or Car Pass.

Neutralizing electronic lock
(for example after a break in power supply)

When the CD changer is connected to the radio, the display shows "CD-SAFE" as soon as you select CD mode with the **CD** key.

☞ Switch on the ignition.

☞ Switch off the CCRT 700 with the Ol key.

☞ Press and hold the **CD** key.

☞ Switch on the CCRT 700, keep the **CD** key pressed until you hear a confirmation beep.

✔ The display shows "CD-CODE" for approx. 3 seconds.

✔ Then "CDC code:" and the number of remaining attempts appear, for example "---- (10)".

 • After a wrong code number was entered the display shows "CDC SAFE" and the waiting period runs down.

☞ Enter CD changer code number with the number keys.

☞ Confirm "OK" by pressing the multi-functional control.

 • You can abort code number entry by selecting "EXIT".

Disabling CD changer code

☞ Switch on the ignition.

☞ Switch off the CCRT 700 with the Ol key.

☞ Press and hold the **CD** key.

☞ Switch on the CCRT 700, keep the **CD** key pressed until you hear a confirmation beep.

✔ The display shows "CD-CODE" for approx. 3 seconds.

✔ Then "CDC code:" and the number of remaining attempts appear, for example "---- (10)".

☞ Enter CD changer code with the number keys.

☞ Confirm "OK" by pressing the multi-functional control.

✔ The display shows "CODE OFF".

 • Now the CD changer is no longer protected against theft.

Enabling CD changer code

☞ Proceed as described in "Disabling CD changer code".

☞ Enter the CD changer code and confirm with "OK".

✔ The display shows "CODE ON".

 • Now the CD changer is again protected against theft.

Troubleshooting

If you think that your CCRT 700 is not functioning as you expect it to, please read the operation manual carefully and read the following check list before calling for service.

If you cannot find a solution for any problem you may encounter, contact an authorized Opel dealer.

Error message / symptom	Possible cause / Remedy	Contact service
General		
Radio does not switch on, neither with OI key nor with ignition key	Radio or vehicle fuse blown.	✓
Display reading: PANEL	The removable panel was removed. ☞ Insert panel until it clicks into place on either side.	
Display reading SAFE	The power supply was interrupted (disconnection of the car battery, removal of the set). ☞ Switch on the ignition. ☞ Enter the radio code.	·
CD changer		
Display reading "ER-CDC" and set switches back to TUNER, TAPE or telephone	After loading of a CD: A disc is caught in the CD mechanism.	✓
	During CD playback: The changer unit is too hot. ☞ Let the CD changer cool down to recover normal function.	
	Always after switching to CD playback: Internal controller error.	✓
	After changing a disc: A disc cannot be moved back to the magazine.	✓
	After pressing the eject key on the CD changer: The magazine cannot be ejected.	✓
Display reading "ER-123_" and set switches back to TUNER, TAPE or telephone	After loading of a CD: None of the discs can be read. No disc is inserted in slot no. 4 in the magazine. ☞ Check that the discs are inserted with the correct side up. This error message is also shown when discs are scratched or dirty.	
Display reading "ER-CD 2".	Disc no. 2 cannot be read. ☞ Check that the disc is inserted with the correct side up.	
	Disc no. 2 cannot be read. 1. The CD changer does not read CD-RWs (rewritable discs). 2. Read errors may occur when using CD-Rs (recordable discs). ☞ Use standard pre-recorded audio CDs.	
Display reading "CDC OPEN".	☞ Close the CD changer front.	

Error message / symptom	Possible cause / Remedy	Contact service
Telephone		
Display reading: Insert SIM card	No SIM card is inserted in the card reader or SIM card inserted with the wrong side up. ☞ Insert SIM card into the card reader with the golden contact area facing up in direction of the arrow until it clicks in.	
Display reading: Please wait	Data is read from the SIM card.	
Display reading: No network	1. The car is located in an area where no reception of a network is possible. ☞ Drive to a location where radio contact to a GSM network is ensured.	
	2. Option |MAN. SEL.| in the |NETWORK| menu is set and the wrong network operator is selected. ☞ Select option |AUTO SEL.| or |MAN. AUTO|.	
Display reading: request not successful	A network request was not successful: 1. You have no contact to a GSM network. ☞ Drive to a location where radio contact to a GSM network is ensured and try to carry out the function again.	
	2. You are not authorized by the network operator or service provider to carry out this function. ☞ Request an authorization for this function from your network operator or service provider.	
	3. Call barring option |EXCPT PIN2| is set. ☞ Deactivate call barring |EXCPT PIN2|.	
Display reading: dial number barred	Call barring option |EXCPT PIN2| is set. ☞ Deactivate call barring option |EXCPT PIN2|.	
Display reading: SIM full	The memory of your SIM card is full. ☞ Delete one or more entries from the phone book.	
Phone rings, but then nothing is heard in hands-free mode.	Automatic answer option is enabled and external handset is not hooked up in its holder while the call was received. ☞ If you do not use the telephone always put the external handset into its holder. ☞ If necessary disable automatic answer option.	
Wrong menu language on the display.	☞ Select desired menu language by selecting option |LANGUAGE| in the |SETTINGS|CONF. SET| menu.	
There is an unreadable language on the display. What can I do?	Reset the CCRT 700 to it's factory defaults, including display language to ENGLISH. ☞ Switch off set with the **OI** key. ☞ Press and hold **CLR** key and switch set on again with the **OI** key.	

General Information

In case of faulty operation, consult an authorized Opel dealer.

FM reception

FM reception in the car imposes higher demands on the set compared with comparable home equipment, so even RDS-stations may be disturbed.

Refer to the car instruction manual regarding physical causes of interference.

Care of cassettes and cassette player

Never expose cassettes to extreme heat or direct sunlight. Only use C-60 or C-90 cassettes of good quality. Always keep cassettes in their cases.

Clean cassette player with a wet-cleaning cassette if playback quality deteriorates.

Handling Compact Discs

Avoid making fingerprints on the disc when you take it out of the magazine. Put the disc back in its box immediately after taking it out of the magazine, to protect the disc from damage and dust.

Do not expose the disc to heat or direct sunlight.

Break in power supply

When replacing the car battery all user specific settings (for example phone book entries, station memory, etc.) remain stored.

The set and the CD changer (optional) are locked electronically by the theft protection system after the power supply has been removed. Unlock by entering the Code numbers (see page 128)

If you have lost one of the Code numbers, please consult an authorized Opel dealer. Getting the set back into operation is possible only on payment and after showing proof of ownership.

Explanations

GSM

Global System for Mobile communications. GSM is a world wide standard for mobile communication the telephone of your CCRT 700 works with.

The GSM network gives you the following advantages compared with other telephone standards:

❏ The voice transmission is digital. This ensures high quality of transmission and is nearly bug-proof.

❏ The network identifies you by your SIM card. This means that you can use your SIM card in other mobile phones without abandoning your phone book.

❏ Other persons can use your CCRT 700 with their SIM card without arising charges for you.

❏ You can use your CCRT 700 in many countries.

Home network

The network of your operator or service provider you purchased the SIM card for.

Local network

The network you are currently logged in. This can be your home network or any other GSM network.

Network code

The network code is a password which is required to perform different functions controlled by your network operator or service provider (for example diverting and barring calls).

You can request the network code from your network operator or service provider.

PIN

Personal Identification Number. The password of your SIM card (a number of 4 to 8 digits).

You receive the PIN together with your SIM card from your network operator or service provider.

PIN2

A second PIN code which is stored on your SIM card. The PIN2 is required to perform different special functions.

You can request the PIN2 code from your network operator or service provider.

PUK

Phone Unblocking Key. The password you need to unlock your SIM card. (The SIM card is locked, if you entered a wrong PIN code three times in a row.)

PUK2

The same as the PUK, but to unlock the PIN2.

Roaming

When you are using your CCRT 700 in a network other than your home network.

SIM card

Subscriber Identification Module. You need this card, if you want to use the telephone functions of your CCRT 700.

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OPEL ⊖

W8T + UE1_

W8T + CT3/Z0F - UE1