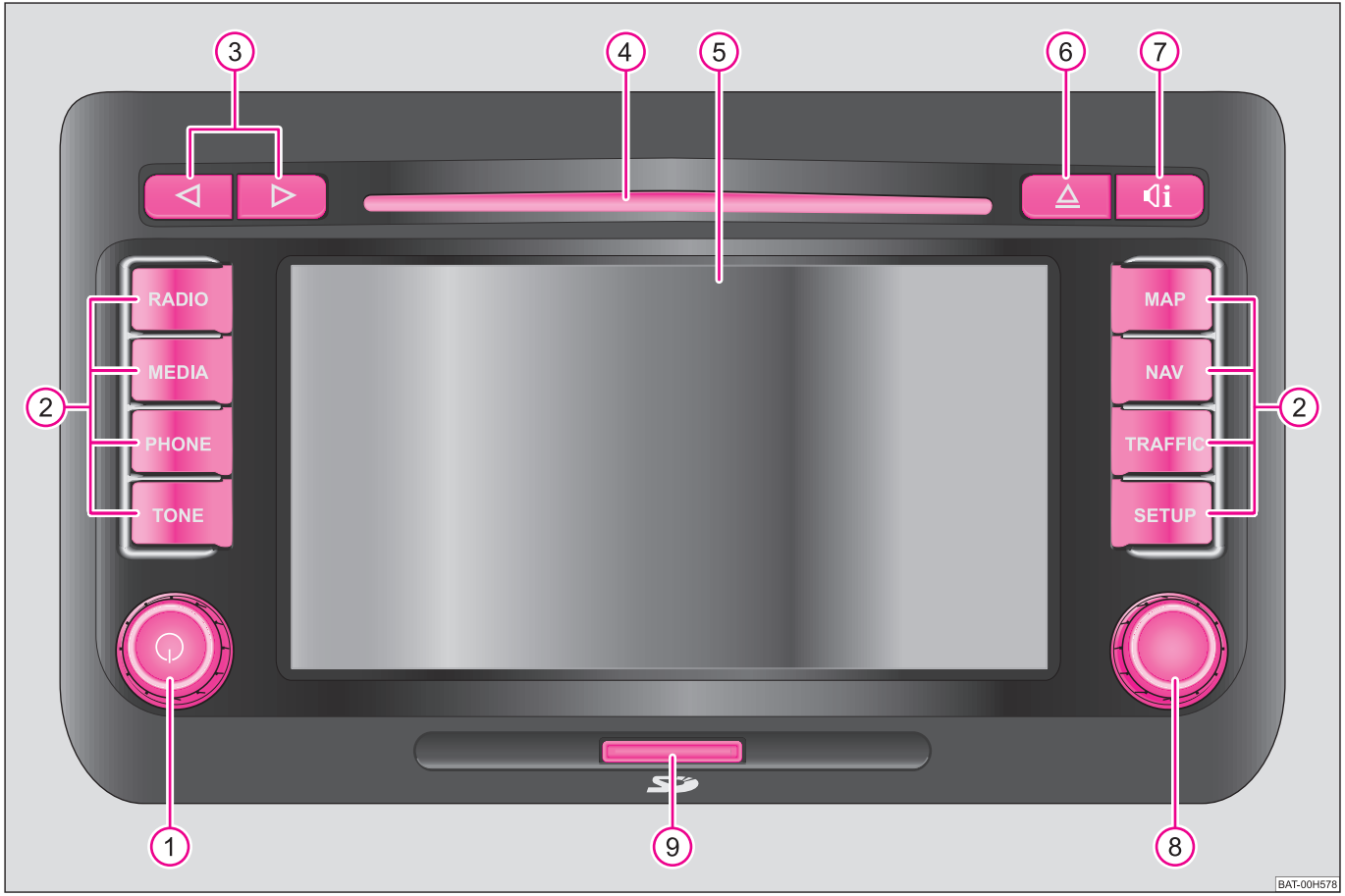
SIMPLY CLEVER

ŠkodaAuto

# RADIO NAVIGATION SYSTEM COLUMBUS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RADIO
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BAT-00H578

# Introduction

**You have chosen a Škoda vehicle, which is fitted with a Columbus radio navigation system (hereafter called the navigation system) Thank you for your confidence in our products.**

We recommend that you read these operating instructions carefully so that you can quickly become familiar with your navigation system.

Should you have any questions or problems with your navigation system, please do not hesitate to contact your Škoda Service Agent or importer.

National legal provisions, which deviate from the information contained in these operating instructions, take precedence over the information contained in the operating instructions.

We hope you enjoy using your navigation system and wish you pleasant motoring.

Your **Škoda** Auto

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# General information

## Equipment overview

1. **Switching on/off**: Rotary/push knob for switching the navigation system on/off (press) and volume control (turn)
2. **Selector key** for selecting the corresponding menu:
   - RADIO – changes over into radio mode and changes the frequency range when in the radio mode.
   - MEDIA – changes over to the last played media source or selects a new media source.
   - PHONE – Phone function – Muting of the current audio source.
   - TONE – opens the sound and volume settings menu.
   - MAP – switches over to the map with the display of the current vehicle position or route during route guidance. An additional window with further information will be inserted or faded out.
   - NAV – switches over to navigation
   - TRAFFIC – switches over to the stored TMC traffic reports display (**T**raffic-**M**essage-**C**hannels).
   - SETUP – enables setting-up the individual fields.
3. ◁ and ▷: The backwards/forwards keys operate the "active" audio source.
   - **RADIO-Mode** – for the selection of the stations from the memory list.
   - **MEDIA-Mode** – for the selection of the previous or following track.
   - **TV-Mode** – for the selection of the stations from the memory list.
4. CD/DVD case
5. **Touchscreen (Touch-screen):** Fields circled in colour on the touch-screen are presently "active" and are operated by touching the screen.
6. **Eject key** ⏏ – press briefly to move an inserted CD/DVD into the position ready for removal.
7. i – repeats the last navigation announcement.
8. **Setting up button**
   - **RADIO mode** – turn for manual station adjustment; – press briefly to start or stop the automatic play mode (Scan).
   - **MEDIA-Mode** – turn to change track; – press briefly to start or stop the automatic play mode (Scan) when in audio mode.
   - Turn **map display (MAP)** – in order to change the map scale; – press briefly for repeating a navigation announcement during active route guidance.
   - **Navigation** – press briefly to repeat a navigation announcement during active route guidance.
9. **Memory card case**: SD memory cards ("Secure Digital Memory Cards") and MMC-memory cards ("Multimedia Cards") measuring 32 mm x 24 mm x 2.1 mm and with a capacity of up to 2 GB are available. The case for the memory card is located under the screen.

**Characters in the text**

* Parts of the equipment which are marked in such a way are only installed as standard on certain models or are available as special equipment.

■ End of the paragraph.

▶ The paragraph continues on the following page. ■

## Important information

### Warranty

The equipment warranty terms and conditions also apply for new vehicles. ▶

### Note

Damage within the meaning of the warranty must not be the result of improper handling of the system or from unprofessional repair attempts. It is also essential that there is no external damage. ■

## Information on how to operate the navigation system

The requirements of today's road traffic demand the driver's full concentration at all times.

Apart from the availability entertainment, the extensive and demanding equipment details of this system also offer a wide range of information, which will help you to reach your destination quickly and safely.

**But you should only operate the navigation system with its wide range of possibilities when the traffic situation allows.**

The volume settings must be selected in such a way that audible signals from the outside, e.g. a Martins horn from utility vehicles (police cars, ambulances and fire brigade), can be heard at all times.

### WARNING

**Please concentrate fully at all times on your driving! As the driver you are fully responsible for road safety. Only use the functions in such a way that you are always in full control of your vehicle in all traffic situations!** ■

## Before using the navigation system

- Please observe the respective traffic regulations when driving.
- Street and location names can be changed. It is therefore possible that the names stored on the CD might not correspond to the changed names.
- The route calculated by the navigation system is a recommendation for reaching the intended destination. While driving please pay attention to stopping restrictions, traffic lights, one-way streets, lane change restrictions, canals and ferries.

### WARNING

**Road traffic legislation (StVO) applies at all times, even if a driving recommendation contradicts the StVO.**

### Caution

- Inserting a second CD/DVD while a CD/DVD is being ejected can destroy the CD/DVD drive in the unit. Please note that the CD/DVD ejection lasts a few seconds after pressing the **Eject key** ⏏ During this time the lock in front of the CD/DVD case is open. It is essential that you wait until the CD/DVD has been fully ejected before you try to insert a new CD/DVD.
- Press the buttons and the keys of the unit gently in order to avoid damaging them. Gentle pressure on the appropriate key is sufficient to operate the unit. Please note that the rotary/push knobs have predetermined breaking points, in order to reduce the risk of injury.
- Do not use any pointed or sharp-edged objects to operate the touch-screen. Slight finger pressure sufficient to operate the equipment. A display on the screen, which cannot be called up by pressing the button, is therefore not available at that time.
- Please note that a dirty or scratched navigation DVD can considerably impair the speed and the functions of the navigation system.

### Note

- Your navigation system is a high-powered computer. Just as your computer at home, this unit needs a few seconds for processing complicated control sequences. In such a case it is possible that the unit will no longer react when operated from the outside until the triggered processes have been dealt with processed in the background. Please be patient, as it is quite possible that the unit "stores" the carried-out operating steps even if it does not appear to react to the operation from the outside. These operating steps are processed one after the other by the unit once the processes in the background have been completed, which can be confusing.

▶

- The DVD drive installed into this unit uses a Dolby Digital® Audio coding system and MLP Lossless® for highest reproduction quality even with standard Audio DVDs. "Dolby®", "MLP Lossless®" and the Double-D-Symbol are trademarks of Dolby Laboratories®.
- With the help of "DTS®" and "DTS 2.0®" the surrounding sound of a DVD is transformed and replayed in best stereo quality. "DTS®" and "DTS 2.0®" are registered trademarks of DTS, Inc.
- WMA audio data (Windows Media Audio) can also be replayed by the unit and stored on the hard disk (HDD) providing this has not been protected by the DRM procedure copyright (Digital Rights Management). The operation and behaviour of the unit complies with the MP3 compressed audio data and are not described further. ■

## Screen care

Treat the screen with great care, because dents and scratches can occur through finger pressure or contact with sharp objects.

The screen can be cleaned with a soft cloth and finger marks can be wiped away with pure alcohol.

**Note**

Do not use solvent such as turpentine or petrol as they will attack the screen surface. ■

## Operation when driving

The demands of today's road traffic require full concentration from all road users at all times.

**WARNING**

**Always concentrate fully on your driving. Inattention by the driver can lead to accidents and injuries.**

- **Do not allow yourself to be distracted by trying to use the unit, concentrate instead on the traffic situation.**
- **Use the unit only if road, weather and traffic conditions permit and you will not be distracted.**
- **The various volume settings must be selected in such a way that audible signals from the outside, such as e.g. a Martins horn from police cars and fire brigade, can be heard at all times.**

**Note**

Depending on the country, some functions of the radio navigation system can no longer be selected on the screen at certain speeds. This is not a malfunction, but corresponds to the legal requirements of this particular country. ■

## General operation

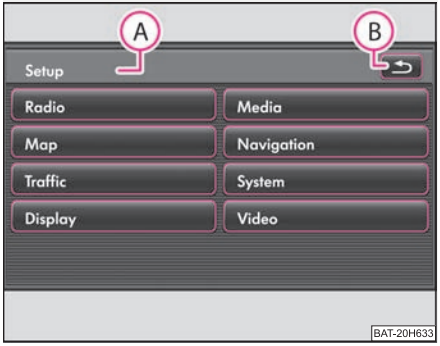


**Fig. 1 Selector key SETUP: Main menu set-up.**

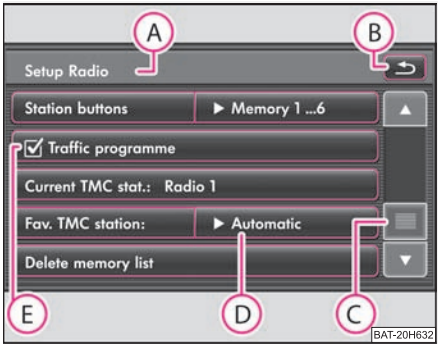


**Fig. 2 Selector key SETUP: Radio set-up.**

The screen of the unit is a so-called touch screen (touch-screen). Fields circled in colour on the touch-screen are presently “active” and are operated by touching the screen. ▶

### "Function keys" on the screen

- Active fields on the touch-screen, which call up a function or a menu, are called "function keys".
- When in the main menu press, for example *Set-up* on the [Radio] function key ⇒ page 6, fig. 1, to call up ⇒ page 6, fig. 2 the menu *Set-up radio*. The headline indicates which menu you are in (A).
- By using the function key [⮌] (B) you can change back from each menu to the previous menu.

### Moving objects or regulators

- Place your finger on the display of a moving object on the touch-screen, for example the "sliding regulator" (C) in a "scrollbar" ⇒ page 6, fig. 2.
- Now move your finger over the touch-screen *without interruption*. The object will follow your movements, but can only be moved within the pre-defined range.
- Lift the finger from the touch-screen at the desired position.
- To view the displayed menu section ⇒ page 6, fig. 2 move the right sliding regulator in the scrollbar completely to the bottom.
- Alternatively, you can move the sliding regulator on the touch-screen to the bottom and top by touching the function keys [▼] and [▲].
- A sliding regulator in a set-up bar [I] can alternatively be moved by pressing [-] or [+] For example, on the touchscreen set-ups for the video DVD operation.

If none of the function keys are displayed on the touch-screen when the unit is switched on (e.g. when a DVD is playing), press briefly on the touch-screen so that the currently available function keys are shown.

### "Scrollbar"

The vertical bar on the right side of the touch-screen with a sliding regulator (C) between the arrow keys [▲] and [▼] is called a "scroll bar". It indicates that further menu entries become visible if the sliding regulator is moved completely to the bottom.

### "Pop-up window"

A function key with an arrow ▶ behind another function key shows the presently selected set-up, e.g. with [Fav. TMC station] [▶ automatic] ⇒ page 6, fig. 2 (D).

If you press the function key [▶ ...] on the touch-screen, a so-called "pop-up window" will open where all possible set-up options are displayed.

Briefly press the desired set-up option. The pop-up window will disappear and the newly selected set-up option is displayed in the function key [▶ ...]. To close the pop-up window without changing the set-up, press the function button in the pop-up window [✖].

### "Check-box"

Some functions can only be switched on or off.

There is a so-called "check box" ⇒ page 6, fig. 2 (E) in front of a function which can only be switched on or off. A tick in the check-box ☑ indicates that the function is switched on, an empty check-box ☐, indicates that it is switched off.

Briefly press the corresponding function key for switching on and off. ■

## Input mask for free text input

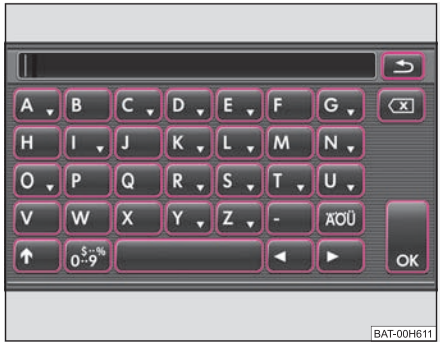


**Fig. 3 Input mask for free text input**

With some of the menus you can enter a free text. For instance, when allocating a folder name for storing MP3 data on the hard disk or when searching for the name of a special destination.

- Press OK to accept a character sequence offered by the system or press ⌫ to delete the characters in the entry line.
- When in the entry window, press on a character shown on the keypad block to accept it into the entry line.
- You can also delete or change the character sequence in the entry line as well as insert additional characters.
- Press OK to accept the indicated character sequence in the entry line. By pressing ⮌ the input mask will be closed without the entries being accepted.

**Further input possibilities:**

⇧ – changes from upper case to lower case and vice versa.

0-9 – opens the input mask for digits and special characters. The function key changes to A-Z. Press A-Z, to change again to the letter input mask.

␣ – space key for inputting spaces.

◀ or ▶ – moves the character entry cursor (the cursor) in the entry line to the left or right.

⌫ – deletes characters in the entry line starting from the position of the character input mark from right to left.

**Selecting letters based on specific characters**

Some letters in the input masks are also marked with a small triangle "▼". This indicates that specific characters based on this letter can be selected.

Continue to press down on the corresponding function key with your finger until a pop-up window with these specific characters can be displayed. Accept the desired character into the entry line – the pop-up window will close. If no entries are entered, the pop-up window will close automatically after a few seconds.

Some specific characters can be "written out". The navigation system will also recognise the character sequence "AE", "UE" and "OE" instead of the German specific characters "Ä", "Ü" and "Ö" vom Navigationssystem erkannt. Other specific characters can be ignored, for example instead of "É", "Ê" or "È" a normal "E" will be accepted by the navigation system. ■

## Input masks for digit entry

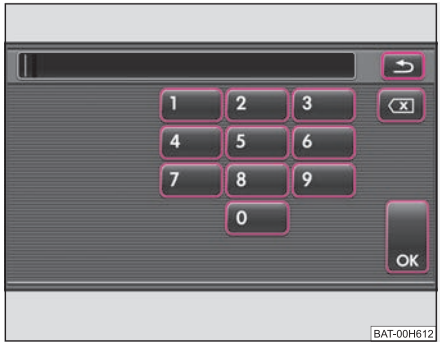


**Fig. 4 Input masks for digit entry**

- Press OK to accept an indicated character sequence or press ⌫, to delete the characters in the entry line from right to left.
- Press one of the 0 to 9 function keys in the input mask to accept the corresponding digit into the entry line.
- Press OK when the correct number is indicated in the entry line. By pressing ↩ the input mask will be closed without the entries being accepted. ■

## Special functions*

### Parking aid

If your vehicle is equipped with "parking aid" and after it is activated, the distance to the obstacle is shown on the screen.

### Climatronic

If your vehicle is equipped with climatronic, a feedback is received on the screen when changing the settings.

### Display of time

You can switch the display of the time on or off in the menu *System set-ups*. ■

## Switching the system on and off

- The system is switched on or off by turning / pressing the rotary / push knob (1).

The last active audio source before switching off will be repeated.

If the key is pulled out of the ignition lock with the unit switched on, the unit wil switch off automatically.

You can then switch the unit on again. When the ignition is switched off, the unit switches off automatically after approx. one hour (discharge protection of the vehicle battery). This process can be repeated as often as necessary. ■

## Anti-theft protection

The anti-theft coding of your navigation system prevents an operation of the system after a voltage interruption, e.g. during a vehicle repair or after theft. After disconnecting the battery, disconnecting the navigation system from the on-board voltage of the vehicle and after a fuse failure, the code must be entered before the vehicle can be used again.

### Enter code

- If a keypad appears after switching on with the command to enter the code, the unit can be unlocked by entering the correct four-digit code number. The number of the possible attempts is shown in the second touch-screen line.
- Press a digit from 0 to 9 on the digit block displayed on the touch-screen. The digit is accepted in the entry line. ▶

- After a four-digit order has been entered, the group of digits will turn grey (inactive) and no further digits can be accepted in the entry line.
- Press ⌫ on the touch-screen to erase the digits in the entry line from right to left and thereby correct your input, if necessary.
- If the correct code number is displayed in the entry line, press OK.

**Code number**

The code number can only be called up "online" via the Škoda system, as this guarantees even more effective anti-theft protection. Please contact your Škoda dealer if necessary.

**Incorrect code number**

If an incorrect code is confirmed after input, the procedure can be repeated **one more time**. The number of possible attempts is shown in the second line on the touch-screen.

If the code number is entered incorrectly for the second time, the unit will be blocked for approx. one hour. It is possible to enter again the safety code after one hour has expired, when the unit and the ignition have been switched on.

If two invalid attempts are then made again, the navigation system will be blocked again for an hour.

The cycle - two attempts, blocked for an hour - will continue to apply.

**Note**

The code is normally stored in the instrument cluster. This ensures that it is automatically decoded (convenience coding). Manual input of the code is normally not necessary. ■

# Range selector key TONE

## Sound settings

By pressing the button TONE, you can select the following parameters:

- Treble-Mid-Bass - Setting of height, middle and depth;
- Balance Fader - Volume ratio (left and right = balance), (front and rear = fader);
- Volume - Startup volume, Traffic announcements, Navigation, Telephone volume and PDC level* - Switch on volume, volume of traffic announcements, telephone calls and the parking aid;
- GALA - Speed dependent volume adaptation;
- Confirmation tone - switching on or off the confirmation tone when operating the screen;
- AV output* - Activating the external DVD source;
- EQ settings* - Selecting the program type (linear, language, rock, classical, dance);
- Surround* - setting of the surround-sound.

### GALA function

Your radio increases automatically its volume with the increasing vehicle speed. A higher setting value results in a stronger volume increase.

### Volume decrease for park distance control (PDC) *

If your vehicle is equipped with “parking aid”, the volume is automatically decreased to a pre-defined value, when the “parking aid” is active.

### Navigation announcements

On – audible driving recommendations from the navigation system are played during the audio operation at a pre-set volume.

Dynamic – audible driving recommendations are only provided when you have left the calculated route, for example on the basis of announced traffic problems. This setting is recommended if audible drive recommendations are normally no longer needed for a daily driven route and navigation is only used as dynamic navigation. If an audible driving recommendation is transmitted again on the basis of a change in route, navigation announcements must be switched on again (Display: Nav. announcements ▶ On).

Off – no audible driving recommendations of the navigation system will be transmitted. ■

# Selector key SETUP

## Main menu set-ups (Setup)

– Press the selector key SETUP to open the main menu *Set-ups*.

**Overview of the set-up menus**

Radio – When in the radio mode, carry out set-ups for the function of the arrow keys , for the displayed memory keys, the memory list and the TMC traffic reports ⇒ page 12, “Radio set-ups”.

Map – Carry out set-ups for the map display and select symbols for the display in the map ⇒ page 13, “Map set-ups”.

Traffic information – Select preferred TMC station and determine the area for TMC announcements ⇒ page 13, “Traffic station set-ups”.

Display – Adjust the brightness of the touch-screen, day/night design of the map display and select/deselect the confirmation tone for the key depression stroke ⇒ page 14, “Touch-screen set-ups”.

Media – Determine the set-ups for the play and display of MP3 data and activate or deactivate the external connections ⇒ page 14, “Media set-ups”.

Navigation – Determine the set-ups for receiving driving recommendations, define or change an address to a home address and start a virtual demonstration drive with a manually set starting point ⇒ page 15, “Navigation set-ups”.

System – Change the system set-ups such as voice response and time and take back or erase stored set-ups in individual areas ⇒ page 15, “System set-ups”.

Video – Carry out set-ups for voice response with an inserted Video DVD and adjust the aspect ratio of the touch-screen. It is also possible to adjust the audio video standard ⇒ page 16, “Video set-ups”when operating an external media source as well as carrying out the set-ups for the TV operation.

Telephone – Update the phone book in the unit, erase all call lists and modify the assignment of the shortcut keys ⇒ page 16, “Phone set-ups”. ■

## Radio set-ups

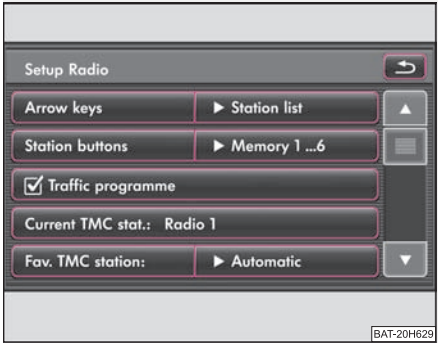


**Fig. 5 Menu: Radio set-up.**

Call up the menu *Radio set-ups* by pressing the selector key SETUP and the function key Radio on ⇒ fig. 5.

**Determining the station selection via the Arrow keys**

– Press on the Station list or Memory list, to determine from which list in the radio mode the stations are to be selected with the arrow keys. If the Memory list is selected, only stored stations from the memory list are called up. “**Memory**” is displayed at the top left in the main menu *RADIO*.

**Select station keys for display Select preset bank**

– In the pop-up window, select the station keys to be displayed in the main menu *RADIO*. ▶

### Switching the traffic information on or off

- In the menu *Radio set-ups*, press the function key Traffic program (TP) to switch the transmission of traffic announcements on or off. A tick in the check box ☑ indicates that the traffic radio function is already switched on.

### Selecting preferred TMC stations

- In the menu *Radio set-ups* the function key Current TMC station: ... indicates the TMC station from which current TMC traffic reports are received.
- Press on the function key behind Fav. TMC station and choose your prefered TMC station.
- Press on Automatic if you wish your unit to automatically search for a TMC station.

### Erasing the memory list

- Press the function key Delete memory list and confirm the following safety interrogation in order to erase all radio stations stored in the memory list.

### Switching the RDS function on or off (RDS regional)*

- Press on the function key RDS regional (regional station) and select a set-up in the opening pop-up window.
- Press on the button Automatic, doing so always chooses the frequency for the heard radio station, which offers the best reception at the present time.
- When pressing on the button Fix, the unit attempts to hold a radio station emitting regionally long enough until the reception quality is so bad, that there is a risk of a program loss.

You can select the following functions:

**Preferred TMC station**

If the "preferred" TMC station can no longer be received, the system automatically searches for the TMC station offering the best reception for the currently driven area. You can determine in the *Radio set-ups* from which TMC station the reports are to be announced. ■

## Map set-ups

Call up the menu *Map set-ups* by pressing the selector key SETUP and the function key Map.

**Position of the additional window** Split screen

Intended for positioning the additional window in the map display.

**Selecting displayable map details** Map details

Press to select a map detail which is to be displayed. Selected map details are indicated by a tick in the check box ☑ and at the bottom in the entry line.

**Display favourite symbol**

If the checkbox is activated ☑, the destinations stored as favourite destination will be displayed in the map with the symbol of the selected favourite destination. ■

## Traffic station set-ups

Call up the menu *Traffic station set-ups* by pressing the selector key SETUP and the function key Traffic information.

**Selecting preferred TMC station** Fav. TMC station

Press on Automatic if you wish your unit to automatically search for a TMC station.

**Selecting displayable announcements** TMC filter

Press On route if, during route guidance, only the TMC traffic announcements relating to the traffic problems along your route should be dislayed. If you press on All announcements, all current TMC traffic announcements are displayed. ▶

**Switching the traffic announcements on or off** Traffic program (TP)

A tick in the check box ☑ indicates that the traffic radio function is already switched on. ■

## Touch-screen set-ups

Call up the menu *Touch-screen set-ups* by pressing the selector key SETUP and the function key Display.

### Brightness

- Press on the function key behind Brightness level and select a setting in the pop-up window.
- Press the function key Automatic if the brightness of the touch-screen should automatically be adapted to the current light conditions via the sensors on the unit.
- Press one of the other function keys to manually adjust the brightness of the touch-screen.

### Day/Night

- Press on the function key behind Day/Night and select a setting in the pop-up window.
- Press the function key Automatic if switching the headlights on and off should also change the map display from night to day design.
- Press the function key Day or Night to manually determine the night and day design of the map display.

### Confirmation tone

- Press on the function key behind Confirmation tone and select a setting in the pop-up window.
- Press On or Off to switch the tone for confirmation of a function key operation on the touch-screen on or off.

**Note**

Please note that manual adjustment of the touch-screen in unfavourable conditions can lead to the displays in the touch-screen no longer being clearly visible. ■

## Media set-ups

Call up the menu *Media set-ups* by pressing the selector key SETUP and the function key Media.

- Activate the check boxes before entering details ☑, by pressing the corresponding function key.

**Function keys in the menu – Media set-ups**

Activate AV input – for the playback of an optional external audio* or video source*, if a TV tuner is installed.

Activate AUX input – for the playback of an external audio source*.

AUX input level - Setting of the input sensitivity for an external source*.

Deactivate artist/track name – according to the set-ups the title and performer name or only the data and folder name will be displayed for audio CDs with CD texts and in the MP3 operation.

Scan/Mix/Repeat including subfolder – plays all MP3 data one after the other according to the sequence on the played medium, which are stored in the folders and sub-folders.

Activate Bluetooth audio* - enables a wireless transfer of MP3 data to the telephone preinstallation. ■

## Navigation set-ups

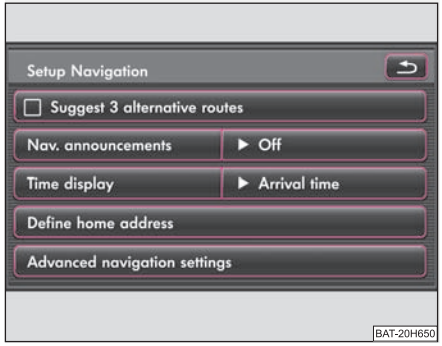


**Fig. 6 Menu: Navigation set-ups**

Call up the menu *Navigation set-ups* by pressing the selector key SETUP and the function key Media.

You can select the following functions:

- Suggest 3 alternative routes - three proposed alternative routes;
- Nav. announcements - Setting of the navigation announcements;
- Time display - during a route guidance the set time will be displayed in the map display;
- Define home address - Enter home address;
- Advanced navigation settings - activation of the demo mode and entry of the average rate for the time calculation.

### Demo mode

A virtual route guidance can be started in the demo mode. Virtual route guidance will be repeated when reaching the fictive travel destination. Stop virtual route guidance normally and deactivate the demo mode to restart "real" route guidance.

As in this case the unit must first reorient itself it can take some time, depending on the number of the currently receiving satellites, until the unit has again found the real location. Drive a short distance.

### Navigation announcements

Off – no audible driving recommendations will be provided.

Dynamic – audible driving recommendations are only provided when you have left the calculated route, for example on the basis of announced traffic problems. This setting is recommended if audible drive recommendations are normally no longer needed for a daily driven route and navigation is only used as dynamic navigation. If an audible driving recommendation is transmitted again on the basis of a change in route, navigation announcements must be switched on again (Display: Nav. announcements ▶ On).

On – acoustic driving recommendations will be transmitted in the running audio mode.

### Adjustable average speed

Depending on the set average speed, the unit will determine an arrival or driving time during a route calculation and display it depending on the set-up. ■

## System set-ups

Call up the menu *System set-ups* by pressing the selector key SETUP and the function key System.

### Change the system language manually

– Press on the function key System language and select the desired language in the opening pop-up window. The system language is normally preset to the set language in the instrument cluster "**Automatic**". If desired, another language can be selected for the radio as described. ▶

### Changing system set-ups

- Press on one of the function keys and select the desired setting in the pop-up window.
- You will therefore set a voice response for the spoken text and the displays in the touch-screen, change the distance and temperature setting or the time and date format.

### Resetting the factory settings on the unit

- Press on the function key Factory settings in the menu *System set-ups*.
- Now find the settings you wish to reset.
- If you press on the function key Reset and confirm the following safety interrogation the selected settings will reset the factory settings and all the stored data will be erased.

### Time display*

- Press on the function key Time display in the menu *System set-ups*.
- Time display in the operating modes radio, media and map.

"**Time**" and "**Date**" settings need only be carried out manually under certain circumstances. Time and date will normally be accepted automatically from the vehicle into the unit. ■

## Video set-ups

*Video set-ups* is called up by pressing the selector key SETUP and the function key Video.

### Changing voice response

- Press the function key Audio language, Menu language or Subtitle in the menu *Video set-ups* and select the desired language in the pop-up window.
- Pressing Off will fully switch off the display of sub-titles.

### Changing the aspect ratio of the touch-screen display

- The currently set aspect ratio is visible behind the function key DVD-Format.
- Press on the function key DVD format and on 4:3 or 16:9 in the pop-up window. All video data will now be replayed in the set aspect ratio.

#### Set-ups for vehicles with TV tuner

If a TV tuner is connected to the unit, you will find here further set-up possibilities. ■

## Phone set-ups

Call up the menu *Phone set-ups* by pressing the selector key SETUP and the function key Telephone.

### Updating phone data in the unit

- Press on the function key Load telephone book to update all entries in the unit, the phone book of the mobile phone or the SIM card entered since the last connection. This procedure can take a few minutes.
- Confirm the following safety interrogation. The "old" data in the phone book can still be selected at the unit while the data is being updated.

### Deleting call lists

- Press the function key Delete call list.
- If you confirm the following safety interrogation by pressing Delete, the stored call numbers of all calls made and calls accepted in the unit will be deleted. ▶

### Modifying assigned shortcut keys

- Press the function key Speed dial to modify the assigned shortcut keys.
- To change the assignment of a particular shortcut key, select the respective shortcut key by pressing the key in the following menu.

**Note**

The selection possibilities of the phone set-up depend on the relevant telephone preinstallation. ■

# RADIO selector key

## Radio mode

### Selecting a radio station

**Fig. 7 Main menu RADIO**

All radio stations with strong reception are automatically stored in the list of stations. The list of stations is automatically updated on a regular basis.

#### Call up main menu RADIO and choose frequency range

– Press the RADIO selector key to call up the main *RADIO* menu. The currently heard radio station is indicated at the top of the touch-screen.

– Press the selector key RADIO to change the frequency range. Alternatively, press on the function key Band in the main menu *RADIO* and on FM or AM in the pop-up window. The current frequency range is indicated on the top left on the touch-screen.

#### Changing radio station

– When pressing the arrow keys on the unit (3) or the arrow keys on the touch-screen of the main menu *RADIO* ⇒ fig. 7, you change to the previous or following station.

#### Selecting a radio station from the station list

– Press the function key Station list to display all radio stations that can currently be received. The list "skips" directly to the display of the currently heard radio station.

#### Scan function

– Press the set button on the bottom right of unit (8) to start the **automatic play** for the current frequency range. All radio stations with strong reception are automatically played for approximately five seconds according to the sequence in the station list.

– Alternatively, press on the function key Extras and press on Scan in the pop-up window.

– Press the set button (8) or function key ▶ Scan again to end the automatic play of the currently heard radio station.

#### Manual station finding

– Turn the set button (8), to adjust a radio station manually via its station frequency. The scale of the selected frequency range is inserted in the frequency band in the lower part of the touch-screen.

– Briefly press the Set button to terminate the manual frequency selection and to display once again the lower function keys. ▶

**Note**

- If "**memory**" appears at the top left of the touch-screen, you can only change over to the stations stored in the memory list with the help of the arrow keys. ■

## Storing a radio station

### Storing a radio station on a displayed station key

– Continue to press one of the six station keys [1 ...] to [6 ...] displayed in the main menu *RADIO* until a signal tone sounds. The currently heard radio station is then stored on this station key.

### Storing a radio station

– Press the function key [Memory] in the main menu *RADIO* to open the memory list ⇒ page 18, fig. 7.

– Press the [Save] function key to ensure that the displayed radio station (Example: "**Radio 2**") is safely stored in a memory space.

– Select a memory space from the list by pressing the respective key in the menu *select memory space*. If a memory space is selected, which already holds a radio station, it will be overwritten.

### Deleting a radio station from the memory list

– Open the memory list.

– Press the function key [🗑] behind the station you wish to delete.

– Confirm the safety interrogation by pressing [Delete] to remove the station finally from the memory list. ■

## Calling up a stored radio station

If the currently heard radio station is already stored in the memory list, the memory space number is displayed behind the description of the frequency range (**FM** or **AM**).

### Calling up a station via the station keys

– Briefly press one of the six station keys [1 ...] to [6 ...] displayed in the main menu *RADIO* until a signal tone sounds.

### Calling up a stored stations from the memory list

– Press [Memory] to open the memory list.

– Press the display of the desired station in the memory list. ■

## RDS function

RDS ("**R**adio **D**ata **S**ystem") serves to transmit program identification and additional services therefore also enabling automatic tracking of stations.

In the event of sufficiently satisfactory reception the suitable RDS radio stations will display the station name instead of the station frequency.

If a radio station sends additional information via the RDS function while a station is being stored, it can occur that the name of the radio station is later displayed incorrectly in the memory list.

### Changing station name

You can manually adapt the station name.

Choose the stored radio station and wait until the correct name is displayed on the touch-screen. Continue to press on the display of the station name between the arrow keys until "**Station name stored**" is displayed. ■

# Traffic information function TP

### Switching traffic information TP (Traffic Program) on or off

- Press the RADIO selector key to call up the main *RADIO* menu.
- Press the function key Extras.
- Briefly press on TP in the opening pop-up window to switch the traffic information on or off.

The display "**TP**" in combination with a station name (e. g. in the station or memory list), indicates a traffic information station.

Irrespective of which radio station is heard, an additional receiver part in the unit ensures that a traffic information station can always be received as long as the traffic information function is switched on.

The functionality of the function for the traffic information "**TP**" is displayed at the top right in the touchscreen.

If no traffic information station can be received because, for example, radio reception is interrupted in general, "**No TP**" will be displayed instead of "**TP**". Remember that car parks, tunnels, high buildings or mountains can interrupt the radio signal up to the total loss of reception.

#### Incoming traffic announcement

If you wish to interrupt the transmission of the traffic announcement, press on the function key Cancel in the pop-up window *Traffic announcement*. The traffic information function remains available and a following traffic announcement is made again while the audio mode is in operation. Pressing the function key TP deactivated will switch off the traffic information function permanently. ■

# Selector key TRAFFIC

## Displaying TMC traffic reports

TMC traffic reports are used during route guidance, depending on set-up for the automatic optimization of the route, to report possible traffic problems.

– Press the function key TRAFFIC to display the current traffic reports in a list.

– Press on the display of a traffic report to show it in a detailed display.

– You can browse though all the traffic information received In the detailed display, also in sequence by using the arrow keys.

From which TMC station the reports are to be announced can be determined in the *Radio set-ups*.

During route guidance all set-up depending TMC traffic reports are displayed in the surrounding area of the location or only those specified on the calculated route list.

Traffic problems are illustrated in the detailed display and in the map by a corresponding symbol. The direction, in which a traffic problem is found in the map will be displayed by an arrow in the symbol.

In the event of a traffic problem an alternative route can also be calculated manually.

**Note**

- The unit has a continuous background of TMC traffic reports providing a TMC station at the current location can be received. The station you are listening to does not have to be a TMC station.
- TMC traffic reports can only be evaluated and displayed by the unit if the navigation data for the currently driven area is stored in the unit memory or can be called up via an inserted navigation DVD.
- The quality of the dynamic route guidance depends on the transmitted traffic announcements. The radio stations broadcasting this information are responsible for the content.
- TMC traffic reports are necessary for the dynamic Navigation.
- There may not be any advantantage in avoiding the traffic jam if, as a result of the TMC traffic reports, the diversion is also heavily congested. ■

# Selector key MEDIA

## General information for CD/DVD operation

Audio-CDs (CD-A) and Audio-DVDs, MP3-CDs and MP3-DVDs as well as Video-DVDs can be played in the internal CD/DVD drive.

**CD not legible**

If the unit cannot read an inserted CD/DVD, "**CD fault will be displayed for a short period of time. Please check the CD.**" or "**incorrect data format. Data cannot be read.**" and the CD/DVD is reinserted into the initial position after a few seconds.

If the CD/DVD is not taken out within 10 seconds, it is drawn in again for safety reasons.

**WARNING**

- **The CD player is a 1st class laser product. There is a definite risk of injury from invisible laser beams if it is opened.**
- **The CD player contains no parts that have to be serviced or repaired. Please contact your specialist garage if a mechanical defect occurs or the CD player has to be repaired.**

**Caution**

- Inserting a second CD/DVD while a CD/DVD is being ejected can destroy the CD/DVD drive in the unit. Please note that the CD/DVD ejection lasts a few seconds after pressing the **Eject key** ⏏ During this time the lock in front of the CD/DVD case is open. It is essential that you wait until the CD/DVD has been fully ejected before you try to insert a new CD/DVD.
- If the CD/DVD drive becomes mechanically defective or a CD/DVD has been inserted incorrectly or not fully, "**CD fault will be displayed. Please check the CD.**" and then the "**DVD drive the fault**" indicated on the touch-screen. Please check the CD/DVD and place it again correctly and fully into the drive. If a "**DVD drive fault**" is indicated again, please contact your Škoda dealer.
- If the inside temperature of the unit is too high, no CDs or DVDs will be accepted. The unit switches into the last active operating mode.

**Note**

- If the function key CD is inactive, no new Audio CD/DVD has been inserted or an inserted Audio CD/DVD is not readable.
- It is possible that CDs protected by copyright and self-made CD-R, CD-RW and DVD-RWs are not returned at all or only in certain circumstances.
- WMA audio data (Windows Media Audio) can also be replayed by the unit and stored on the hard disk (HDD) providing this has not been protected by the DRM procedure copyright (Digital Rights Management). The operation and behaviour of the unit complies with the MP3 compressed audio data and are not described further.
- Please observe the following information for the MP3 operation ⇒ page 26.
- Please comply with the national legal copyright requirements in your country.
- The DVD drive installed into this unit uses a Dolby Digital® Audio coding system and MLP Lossless® for highest reproduction quality even with standard Audio DVDs. "Dolby®", "MLP Lossless®" and the Double-D-Symbol are trademarks of Dolby Laboratories®.
- With the help of "DTS®" and "DTS 2.0®" the surrounding sound of a DVD is transformed and replayed in best stereo quality. "DTS®" and "DTS 2.0®" are registered trademarks of DTS, Inc. ■

# The main MEDIA menu

## Overview of the main MEDIA menu

**Fig. 8 Main MEDIA menu: Audio Menu.**

**Fig. 9 Main MEDIA menu: Video DVD Menu.**

Depending on the selected media source, the main *MEDIA* menu is provided as *Audio Menu* ⇒ fig. 8 or *Video DVD menu* ⇒ fig. 9.

### Calling up the main MEDIA menu and changing media source

- Press the selector key MEDIA to switch to the main *MEDIA* menu. The last used media source will continue to play.
- If video and audio sources are currently selectable at the unit, use the MEDIA range selector key to change between the last audio and the last video source.

#### Unit keys (Hard keys) for controlling the current audio or video source

The arrow keys on unit ◁ or ▷ 3 will always affect the currently heard audio source, irrespective of the current menu used.

◁ – pressing this briefly changes over to the beginning of the current title or chapter, repeated pressing changes over to the beginning of the previous title or chapter.

▷ – briefly pressing this changes over to the next title or chapter.

When in the menu of the currently played audio source it is also possible to change titles using the setting up button.

#### Function keys for controlling the current audio or video source

⏮ – pressing this briefly changes over to the beginning of the current title or chapter, repeated pressing changes over to the beginning of the previous title or chapter.

⏭ – briefly pressing this changes over to the next title or chapter.

⏸ – Pause: The play function is stopped in the current position - the symbol changes to ▶, – pressing will continue the play function in this position.

#### Selectable audio sources in the audio menu

CD – changes over to an inserted CD/DVD.

SD card – changes over to an inserted memory card.

HDD – changes to the audio data stored on the internal hard disk ⇒ page 26. MP3 data and unprotected WMA data can be stored on the hard disk from all selectable media (CD, DVD, memory card).

AUX or BT audio* – changes over to an additionally connected external audio source*. Operating an externally connected audio source is possible, with certain ▶

restrictions, via the radio navigation unit and depends largely on the type of the connection.

**Selectable video sources in the Video DVD menu**

AV – changes over to an optionally connected external video source.

TV – if a TV Tuner* is connected, it is changed in the TV mode ⇒ page 33.

DVD – changes over to a Video-DVD ⇒ page 31 inserted into the internal CD/DVD drive.

**Additional function keys in the audio menu**

Video – changes over into the *Video DVD menu* and plays the last selected video source.

Repeat – opens a pop-up window in which the repeating function determines whether the title or the CD (in audio CD operation) respectively the current folder (in the MP3 operation ⇒ page 26) should be repeated.

Extras – opens a pop-up window in which the random play function **Mix** or the automatic play **Scan** can be started or the capacity of the hard disk **HDD capacity** can be displayed.

Selection – opens the title list of the current audio source in order to choose another title or audio source.

**Additional function keys in the Video DVD menu**

Audio – changes to the *Audio menu* and plays the last selected video source.

Menu – switches over the Video DVD played in the internal CD/DVD drive to the menu selection of the film and also opens the incorporated menu control.

Display – opens a set-up menu to adapt the display set-ups for the current film.

Chapter – opens the chapter selection for the Video DVD played in the internal CD/DVD drive. ■

## Inserting or ejecting a CD/DVD

### Inserting a CD/DVD

– Push a CD/DVD with the written side facing up as far as possible into the CD/DVD case until it is automatically drawn in. The play function will start automatically.

### Ejecting a CD/DVD

– Press the button ⏏ to move the CD/DVD in the internal CD/DVD drive into the Eject position.

If a CD/DVD is not removed when ejected, it will be reinserted after approximately ten seconds for safety reasons.

Playable MP3 and WMA data can also be stored on the hard disk of the unit ⇒ page 29.

**WMA Data (Windows Media Audio)**

The copyright of audio data compressed by **W**indows **M**edia **A**udio, can also be protected by the DRM procedure (**D**igital **R**ights **M**anagement). Such WMA data is not supported by the unit. ■

## Inserting or removing a memory card

### Inserting a memory card

– Push the memory card into the memory card case with the trimmed edge to the front right (horizontal case) or to the front top (vertical case), until it is locked in position. The play function will start automatically.

### Taking out a memory card

– Press against the spring resistance of the inserted memory card, the memory card “skips” back into the Eject position. ▶

### Destination entry from the memory card *

– You can enter the destinations from the SD card using the function [Import destinations] in the *Navigation menu*. The destinations must only be stored on the SD card in the corresponding format.

Only MP3 data and unprotected WMA data can be read from the SD card. All other data is ignored.

Playable MP3 and WMA data can also be stored on the hard disk of the unit ⇒ page 29.

#### Memory card empty or data not readable

If a memory card is inserted, on which no audio data has been stored, it will **not** be switched over into the memory card mode after the loading procedure. When in the *Audio menu* the function key [SD card] remains inactive on the top line of the touch-screen and the function cannot be seleced ⇒ page 23, fig. 8.

#### Requirements of the memory card

Memory cards measuring 32 mm x 24 mm x 2.1 mm or 1.4 mm can be inserted into the memory card case.

All other physically suitable memory cards such as SDHC memory cards (“Secure Digital High-Capacity Memory Cards”) **can not** be read. ■

# Audio menu

## Selecting title or audio source

### Changing the audio source

– Press the selector key [MEDIA] to switch to the main *MEDIA* menu. If the last selected was a video source, press the set-up key [MEDIA] again to open the *Audio menu*.

– When in the *Audio menu* the play function of the last played audio source will continue from the last played point.

– Press one of the top function keys to select the corresponding audio source. The play function of the selected audio source will continue from the last played point.

### Opening the selection menu of the available audio sources

– When in the *Audio menu* press the function key [Selection] to display the title list of the currently played audio source. The currently played track is shown as highlighted.

– Press on the function key [⇦] as often as necessary until the selection menu of the available audio sources has opened.

– Press on the left of the audio source display [CD], [SD card] or [HDD] the content of these folders or data carriers will then be indicated. ■

## Changing track or selecting track manually

Press the selector key [MEDIA] to switch to the main *MEDIA* menu. If the last selected was a video source, press the set-up key [MEDIA] again to open the *Audio menu*.

### Select track

– Briefly press on the arrow keys on the unit [◁] or [▷] in the *Audio menu* or press on the function keys on the screen [⏮] or [⏭].

### Fast reverse/forward

– Keep pressing the arrow keys at the unit [◁] or [▷] or the function keys on the touch-screen [⏮] or [⏭].

– Release the corresponding key if the desired title sequence has been reached.

### Audio CD/DVD

- Press the function key Selection to display the title list of the currently played audio CD/DVD.
- Select the title from the title list by pressing Track ...
- Use the function key to switch from the title list back into the selection menu or the selection menu of the available audio sources.

### MP3 Data: Select track

- Press on the function key Selection, in order to display the title list with the currently played title and, if necessary, to display the sub-folder contained in this folder.
- Press on the display of a data folder to open it.
- Press the function key to open the appropriate higher priority folder.
- By pressing several times, you will switch folder by folder to the selection menu of the available audio sources. There you can search for titles of another audio source.

### Repeat track

- Open the *Audio menu* ⇒ page 23.
- Press the function key Repeat.
- Press on Track in the pop-up window to automatically repeat the current track at the end.
- If you press on CD (Audio CD mode) or folder (MP3 operation) in the pop-up window the titles of the current CD or the current folder are repeated automatically. ■

## Random play function MIX

- When in the *Audio menu* press the function key Extras.
- Press on Mix in the pop-up window. All titles of the current audio source will now be played in random order.
- Use the function key ▶ Mix to terminate the function of the current title. The normal play function continues with the current title. ■

## Automatic play (Scan function)

- When in the *Audio menu* press the function key Extras.
- Press on Scan in the pop-up window. All the titles of the current audio source are played for approximately 10 seconds.
- Press ▶ Scan to terminate the play function of the current title. The normal play function continues with the current title.

Alternatively, start and end the automatic play by briefly pressing the set button (8).

**Note**

In the *Audio menu*, press on the function key Extras and afterwards on HDD capacity in the pop-up window, the information relating to the assigned or free memory space on the hard disk will appear on the screen. ■

# MP3 data

## General information for MP3 operation

**Requirements for the MP3 data and data carrier**

- 650 MB and 700 MB CD-ROM, CD-R, CD-RW.
- 4.7 GB DVDs and up to 8.5 GB Double Layer DVDs.

▶

- The CDs/DVDs must correspond to the ISO 9660 Level 2 standard as well as the Joliet data system (single and multi-session).
- Data names must be no longer than 64 characters.
- The list structure is restricted to a depth of 8 list levels.
- The name of the artist, the album and the title of the reproduced MP3 data can be shown as ID3 tag, providing this information is available. The list and data name will be displayed if there is no ID3 tag.
- Play lists are not supported.
- WMA data (**W**indows **M**edia **A**udio) can also be played even if the copyright is additionally protected by the DRM procedure (**D**igital **R**ights **M**anagement). Such WMA data is not supported by the unit.
- The operation and behaviour of playable WMA data conforms to the MP3 data and will not be described further.

**Bit rate (data flow per time unit)**

- The system supports MP3 data with bit rates of 32 to 320 KB/s as well as MP3 data with variable bit rates.
- The indicated playing time data with variable bit rates is not reliable. ■

## Playing sequence of MP3 data and folders

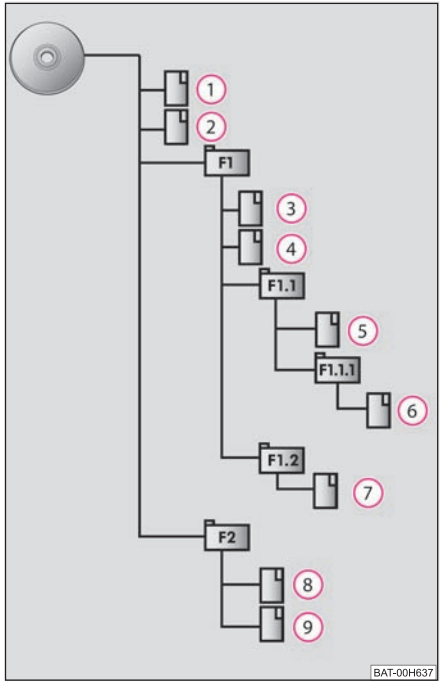


**Fig. 10 Possible structure of a MP3 CD.**

The unit plays the MP3 data stored on a data carrier in a certain sequence ⇒ fig. 10. The illustration shows an example of a typical MP3 CD containing the titles (Tracks ), folder (Folder ) and sub-folder. When setting up you can stipulate if MP3 data from all folders and sub-folders can be played. ■

# External sources*

## AUX-IN and MEDIA-IN input

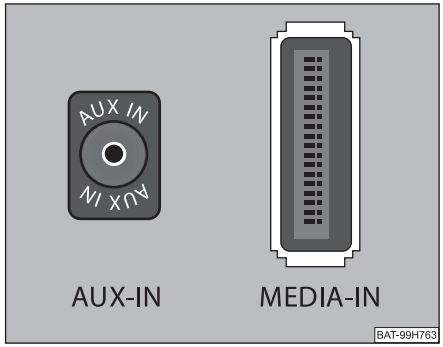


**Fig. 11 AUX-IN and MEDIA-IN socket**

### Input AUX-IN

- Activate the AUX-IN socket in the menu *Setup Media* by pressing the function key AUX.
- The input for external audio sources AUX-IN is located under the armrest of the front seats.
- External audio sources, which are not connected to the AUX-IN socket, **cannot** be operated via the radio.

### Input MDI - Multimedia socket (MEDIA-IN)

- Activate the MEDIA-IN socket in the menu *Setup Media* by pressing the function key MEDIA-IN.
- The input MDI is located in the glove box.
- Audio data in MP3, WMA, OGG Vorbis and AAC format from the external data sticker, connected to the multimedia socket, can be played via the radio.
- External audio sources, which are connected to the AUX-IN socket, **can** be operated via the radio.

It is possible to play back external audio sources via the loudspeakers of the radio in the vehicle.

You can select another audio source on the radio at any time. As long as the external audio source is not switched off, it remains always active in the background.

Please refer to the Owner's manual of the respective manufacturer for the operation of the external audio source.

If a MEDIA-IN socket is additionally installed, the button MEDIA-IN is displayed instead of the function key AUX in the *Audio menu*. Please note that an audio source connected to the AUX-IN socket can only be replayed, if there is currently no data carrier connected to the MEDIA-IN socket.

Use the standard jack plug 3.5 mm for the AUX-IN socket. If the external audio source does not have this jack plug, you must use an adapter.

### Adjust the play function volume of the external audio source

The play function volume of the external audio source can be changed via the volume control on the radio.

Depending on the connected audio source the output volume on the external audio source can be changed.

You can also change the input sensitivity of the external audio source, in order for the play function volume of the external audio source to adapt to other audio sources or to avoid distortions of the play function volume.

### Adapter

A special adapter is required to connect audio sources via the input MDI.

We recommend that you purchase an adapter for connecting the USB devices, the devices with Mini USB output or an iPOD, at a Škoda Service Partner.

**Conditions for proper connection**

- Only USB devices with the specification 2.0 can be connected.
- The version of the file allocation table FAT (File Allocation Table) of the connected device must be FAT16 (< 2 GB) or FAT32 (> 2 GB).
- In order to replay from a unit with a hard disk (HDD) which includes a large data volume, it can lead to a time delay when reading in the overview of the music data.
- In order to replay from a unit, which includes a complicated folder structure, it can lead to a time delay when reading in the overview of the music data.
- The folder structure in the connected unit must not exceed a depth of 8 levels. One folder must not contain more than 1°000° data.
- A USB extension cable or USB distributor (HUB) must not be used to connect the unit.

**WARNING**

- **On no account place an external audio source on the dash panel. You could make sudden manoeuvres in the passenger compartment and injure the occupants.**
- **On no account place an external audio source close to the airbags. You could be thrown back in the passenger compartment by the airbags being deployed and injure the occupants.**
- **You must not hold the external audio source in the hand or on the knees while driving. You could make sudden manoeuvres in the passenger compartment and injure the occupants.**
- **Always guide the connection cable of the external audio source in such a way that is does not restrict you when driving.**

**Caution**

The AUX-IN socket must only be used for audio sources!

**Note**

- The external audio source, which is connected via AUX-IN, can only be used if no unit is connected via MDI at the same time.
- If an external audio source is connected via AUX-IN, which is equipped with an adapter for external power supply, it can occur that the audio signal is interrupted. This depends on the quality of the adapter which is used.
- The loudspeakers in the vehicle are matched to a power output of the radio of 30°W. ■

# Storing and processing audio data (HDD)

## Storing MP3 and WMA data on the hard disk (HDD)

### Selecting titles or folders to be stored

– Check the available audio sources for titles or folders which you may wish to store on the hard disk. You can select the complete contents of an installed data carrier for storing on the hard disk in the selection window of the available audio sources.

– If you press the function key [≡] behind the display of a title or folder, a pop-up window will open.

– Pressing [Play] in the pop-up window will start the play function.

– Press [Copy] in the pop-up window to store the respective title or folder on the hard disk.

– Press [Continue] in the following pop-up window for confirmation that you have taken note of the message.

### Selecting storage space and store titles

– Press [Drop file/folder here], if the title or folder should be stored directly on the first level, which is the root folder of the hard disk. In this connection please observe ⇒ page 27, “Playing sequence of MP3 data and folders”. ▶

- Or press New folder if a new folder should be created for the title or folder. Choose a name for this folder from the following menu. The newly created folder is opened and the name you choose will be indicated in the title line.
- You can now create another folder (one folder has a maximum of seven sub-folders) or you can store the selected title or folder in the currently described folder. Press the function key to open the appropriate higher priority folder.
- Press the function key Drop file/folder here if you wish to store the title or folder at the selected point.
- Press Cancel to abort the storing process of the currently stored title. Once the storing process has been completed, the pop-up window will close automatically.

Storing 100 music titles of average length of time (3 - 5 minutes) will take approximately 40 minutes.

If the unit is switched off during the storing process, the storing process will be terminated with the last fully stored title.

**Functions and progress display during the memory procedure**

You can continue listening to this or another audio source while storing other audio data.

Data names with a length of max. 32 characters can be displayed.

The function key Selection is blocked in the *Audio menu* during the saving process. If the function key Selection is pressed regardless, a pop-up window will open instead of the selection menu where the progress of the saving process is displayed. If you press Cancel in the pop-up window, the storing process will be aborted with the last fully stored title. Press the selector key MEDIA twice to close the pop-up window and continue the storing process. ■

## Editing stored audio data (titles) and folders

### Select title or folder

- Open the selection menu of the available audio sources ⇒ page 25.
- Press the function key HDD to display the stored titles and folders on the hard disk.
- Select the title or folder to be processed. Press on the display of a folder ... Name to open it. Press the function key to open the appropriate higher priority folder. The names of the currently opened folders are displayed in the title line.
- Press the function key behind the display of the title or folder you wish to process. A pop-up window will open.
- The play function can be started and the title or folder can be copied, renamed or erased via the pop-up window.

**Function keys in the pop-up window:**

Play – starts the play function of the selected title or folder ⇒ page 27, “Playing sequence of MP3 data and folders”.

Copy – stores a copy of the title or folder ⇒ page 29, “Selecting storage space and store titles”.

Rename – opens the entry mask to change the title or folder name.

Delete – erases the selected title or folder after renewed confirmation. ■

# Video DVD Operation

## Inserting a Video DVD and starting

**Fig. 12 Menu: Play Video DVD.**

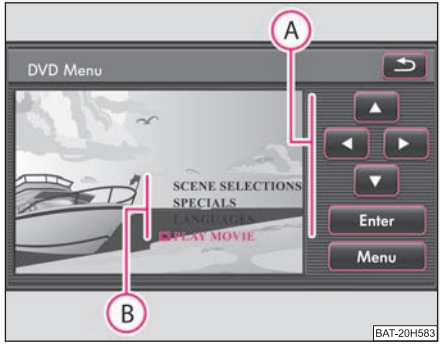


**Fig. 13 Menu control for the DVD menu of the inserted film.**

### Insert a Video DVD

- Push a Video DVD with the printed side facing up as far as possible into the CD/DVD case until it is automatically drawn in.
- The DVD will start automatically. The readout of the data from the DVD can take a few seconds, during which time the screen turns dark.
- The menu selection of the film cannot be controlled directly by pressing the touch-screen but is operated via the function keys in the incorporated menu control (A) on the right next to the menu selection of the film (B).

### Opening and operating the menu control

- Briefly press on the touchscreen to display ⇒ fig. 12 the *Video DVD menu.*
- Press [Menu] to open the incorporated menu control ⇒ fig. 13.
- Press one of the right arrow keys (A) ⇒ fig. 13 to move the pointer in the menu selection of film (B) into the corresponding direction.
- If you have marked the desired menu entry, press the function key [Enter] for call-up.
- Carry out all the desired set-ups offered to you by the menu selection of the film.
- Start the film by selecting the corresponding menu entry in the menu selection of the film (B).
- The film will start and the system will change into the full picture display.

### Full picture display

- All the buttons are faded out in the full picture display. Briefly press on the touch-screen to display the *Video DVD menu* again. ▶

– If you press the free part of the touch-screen again the *Video DVD menu* will fade out again. The *Video DVD menu* will automatically fade out after approx. 15 seconds without an operation.

**Aspect ratio (4:3 or 16:9)**

The film started with the pre-set aspect ratio (4:3 or 16:9). You change the aspect ratio in the set-up menu.

**Note**

The manufacturer of the DVD is responsible for the display of the menu selection of a film and the selection and settings offered there. The manufacturer of the DVD is also responsible for the different behaviours of individual films during identical operation. ■

## The Video DVD menu

### Changing over between audio and video function

– Press the function key [Audio] in the *Video DVD menu* to change ⇒ page 23, fig. 8 into the *Audio menu*.

### Opening the incorporated menu control

– Press the function key [Menu] in the *Video DVD menu* to open ⇒ page 31, fig. 13 the incorporated menu control. When a film is running and switches back to menu selection ⇒ page 31, “Opening and operating the menu control”.

– Press [⮌] to open the incorporated menu control. The image will change again to the full picture display. Depending on the data structure of the inserted DVD, the film will stop while in the menu selection or the play function is continued from the last played point.

### Changing the display set-ups

– Press the function key [Display] in the *Video DVD menu* to change the brightness, contrast or colour of the film shown on the touch-screen.

### Opening chapter selection

– Press the function key [Chapter] in the *Video DVD menu* during the running time of a film to display the list of the chapters in the Video DVD. The current chapter will be shown at the top, all the others are shown underneath.

– Press directly on the display of a chapter (e.g. [Chapter 3]). The play function of the film will continue at the beginning of the selected chapter.

– Alternatively, you may change the current chapter by pressing the arrow keys on the unit or in the *Video DVD menu* or by turning the set-up button (8).

**Function keys for controlling the current audio or video source**

[⏮] – pressing briefly changes to the beginning of the current chapter, repeated pressing changes to the beginning of the previous chapter.

[⏭] – brief pressing changes to the next title or chapter.

[⏸] – the play function is stopped in the current position and the symbol changes to [▶], – pressing [▶] will continue the play function in this position.

**Additional function keys in the Video DVD menu**

[AV] – changes over to a connected external video source*.

[TV] – changes to the TV mode*.

[DVD] – changes to a Video-DVD inserted in the CD/DVD drive. ■

# TV mode*

## Explanation of the technical terms

### "Terrestrial television" or DVB-T (Digital Video Broadcasting-Terrestric)

With DVB-T, digital television signals are transmitted terrestrially (earthbound) and can also be received via an aerial. DVB-T therefore offers mobile reception of high quality without the need of a fixed aerial connection. DVB-T is therefore described as "**Terrestrial television**".

### Advantages of DVB-T

In addition to a significant gain in quality, the transmitter capacity of a television channel can be realised more effectively through digital transmitter technology rather than analog signals. The greater data rate enables several programs of one television channel to be transmitted bundled in one data flow (so called "Multiplex"). Part of the transmitter capacity can also be used for additional services, e.g. electronic program guides or radio.

### "Hybrid tuner" for analog and digital reception

The supply of DVB-T has up to now been restricted to densely populated regions, so that an analog television receiver in the vehicle is still a prerequisite. It is for this reason that a **Hybrid tuner** was developed for the unit, which consists of a common analog TV receiver and a DVB-T receiver.

### Display of analog and digital TV stations

The TV stations, which can be received, are indicated in the display of the combination instrument and when switching over and calling up the *TV menus* on the screen. Analog and digital TV stations are displayed differently and are marked ⇒ page 34, "Displays in TV mode" on the touch-screen with "**Analog**" or "**DVB-T**". ■

## Overview

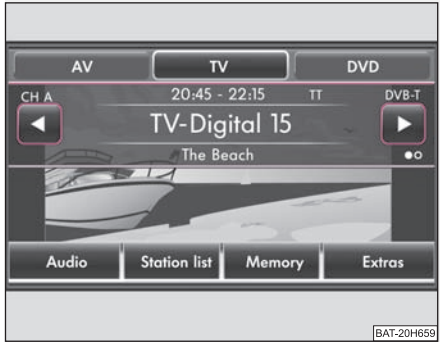


**Fig. 14 TV menu before the TV picture.**

The TV picture will only be displayed when the vehicle is stationary. The touch-screen is switched off while driving, but the sound can still be heard.

### Starting TV mode

- Press the selector key MEDIA to switch to the main *MEDIA* menu. The last used media source will continue to play.
- Press the touch-screen in the *Video DVD menu* to open the Video DVD menu.
- Press the function key TV to start the TV mode. The last set TV channel will be displayed in the pre-set aspect ratio in full picture mode.

### Masking and unmasking the TV menu

- Briefly press the touch-screen when in the TV mode to insert ⇒ fig. 14 the *TV menu* before the TV picture. ▶

– If you repeatedly press the free part of the touch-screen, the *TV menu* will fade out again.

The TV picture will be displayed on the touch-screen of the radio navigation system. Sound reproduction is via the vehicle loudspeakers.

**Unit keys (Hard keys) in TV mode**

◁ or ▷ – change to the next TV stations on the station list.

**Set button** – turn to manually adjust a TV channel or digital TV station.

**Function keys in the TV menu**

◀ or ▶ – change to the next TV stations on the station list, analog to the arrow keys at the unit.

Audio – changes to the *Audio menu* and plays the last selected video source.

Station list – opens the station list of the presently receivable analog TV stations as well as the digital TV and radio stations.

Memory – opens the memory list of the manually receivable analog TV stations as well as the digital TV and radio stations.

Extras – opens a pop-up window for calling up further functions.

**Pop-up window** Extras

V-Text – opens the video text page of the currently received station if video text is available for the received TV station.

Display – inserts the menu for changing the display set-up.

EPG – opens the overview of the electronic program guide (Electronic Program Guide) if digital TV stations can be received at the location via DVB-T.

Manual – changes to manual set-up of a TV channel via the arrow keys on the unit or in the touch-screen of the TV main menu.

**Selectable video sources in the Video DVD menu**

AV – changes over to an optionally connected external video source*.

TV – changes to the TV mode*.

DVD – changes over to a Video-DVD ⇒ page 31 inserted into the internal CD/DVD drive.

**Displays in TV mode**

Some television stations offer bilingual programs in "dual channel tone". In this case you can use the *Video set-up* to choose which language channel as well as which language is to be displayed. In this case "**channel A**" or "**channel B**" will be displayed at the top left on the touch-screen.

A program in stereo will also be indicated by the symbol "∞" on the right on the touch-screen under the function key ▶. A program in dual channel tone will be indicated by the symbol "●○" ⇒ page 33, fig. 14. You can choose the audio channel in the TV set-ups.

If a TV station also transmits **Video text**, "**VT**" will be displayed at the top right on the touch-screen. If video text is not available for the current station, the video text function "" will be indicated after call up.

If the set digital TV station supports the electronical program guide it will be indicated accordingly by "**EPG**" (Electronic Program Guide) at the top right in the touch-screen. If EPG is not generally available at the location, only "" will be displayed after call-up of the EPG function via the function key Extras. ■

## Choosing a TV station

### TV station "relay"

– You change to the previous or following TV station by pressing the arrow keys on the unit ◁ or ▷.

– When changing the station, the *TV menu* will be inserted together with information of the currently selected station.

– When in the *TV menu*, you can change the TV station by pressing the arrow keys on the touchscreen ◀ or ▶. ▶

### Choosing a TV station from the station list

- Press the function key Station list in the *TV menu* to display all TV stations that can currently be received. The list "skips" directly to the display of the currently tuned in TV stations. This is highlighted in the list.

### Adjusting the TV station manually via the set button

- Turning the set button 8 when in the TV mode will display the TV channels according to the sequence of the frequency band, whether they are assigned or not.
- Briefly press the set button to terminate the manual frequency selection.

### Manual station selection via the arrow keys

- As an alternative to manual selection of a TV channel via the set button press once on the touch-screen when in the TV mode to open the *TV menu*.
- Press the function key Extras to open a pop-up window.
- Press Manual in the pop-up window.
- Press the arrow keys on the unit or the touchscreen to display all TV channels and digital TV stations successively according to the sequence of the frequency band.
- Press the function key ▶ Manual when in the *TV menu* to terminate the function. You can use the arrow keys to change again to from the station and stored list to the receivable stations. ■

## Stored list

### Storing a TV station

- Press the function key Memory in the main menu *TV menu* to open the stored list.
- Press on the function key Save to store the displayed TV station in a memory space.
- Select a store space from the list by pressing the respective key in the menu *Store list*. If a store space is selected which is already assigned to another station, it will be overwritten.

### Calling up a stored station

- Press the function key Memory in the main menu *TV menu* to open the stored list. If the currently tuned in station is stored in the list, the list will "skip" directly to a view of this station.
- Choose the desired TV station by pressing on your selection / the required key. The selected station is displayed in the *TV menu*. Press the free part of the touch-screen repeatedly to manually fade out the *TV menu*.

### Erasing stored stations

- Open the store list ⇒ page 35.
- Press the function key 🗑 behind the station you wish to delete.
- Confirm the safety interrogation by pressing Delete to remove the station finally from the memory list. ■

## Displaying video text

### Opening a video text page

- When in the TV mode, press once on the touch-screen to open the *TV menu*.
- Press the function key [Extras] to open a pop-up window.
- Press [V-Text], in the pop-up window to call up the video text page for the currently tuned in TV station.

### Changing a video text page

- Press function key [▲] or [▼] to change over to the next or previously available page. Video text pages are generally clearly identified by their number. Non-assigned numbers are skipped over with the arrow keys when relayed.

#### Further function keys for displaying a video text page

If you press on the display of the video text page on the touchscreen, the TV picture will also be displayed in the background of the video text page. If you press again on the touch-screen, the display of the TV picture in the background of the video text page will close again.

[Stop] – freezes the display of the video text page on the current bottom page. This is because some video text pages consist of several subpages, which otherwise are displayed in automatic change-over form.

[Zoom] – enlarges the display of the current video text page. Pressing once will display the top half, pressing twice the bottom half of the current video text page over the full screen. Repeated pressing changes back to the normal display of the video text page.

**Note**

In some countries, the corresponding language coding for the video text and the EPG of the Tv tuners must be set by a Škoda Service Partner. ■

## Electronic program guide EPG

### Opening an electronic program guide

- When in the TV mode, press once on the touch-screen to open the *TV menu*.
- Press the function key [Extras] to open a pop-up window.
- If you press [EPG] in the pop-up window, the electronic program guide will be displayed. The currently running and directly following program for each presently receivable digital TV station is displayed in the list.
- Press the function key [▲] or [▼], to mark the actual program of another TV station in the list.
- If you press the function key [Info], further information of the marked program and of the follow up program is displayed, providing the corresponding station provides this information.
- If you press the function key [Select.], the electronic program guide will close and the marked TV station will be displayed in the TV mode.

The electronic program guide is only available via DVB-T-received digital TV stations and only only if they support EPG.

It is **not** possible to select the programs indicated in the list directly by pressing a key. The programs in the list can only be marked, displayed and called up via the right function keys. ■

## TV - Set-ups

*Video set-ups* is called up by pressing the selector key [SETUP] and the function key [Video].

### Determining the station selection via the arrow keys

- Press on the function key [TV search mode] in the menu *Video set-ups*. ▶

– Press the Station list or Memory list, and use the arrow keys to stipulate from which list in the TV mode the stations are to be selected. If the Memory list is selected, only stored TV stations from the memory list are called up using the arrow keys during station relay.

### Changing the TV Standard

– Press on the function key TV standard in the menu *Video set-ups*.

### Changing the aspect ratio of the touch-screen display

– Press the function key TV format in the menu *Video set-ups*, in order to select the desired representation 4:3 or 16:9.

### Selecting the audio channel for dual channel tone

– If a bilingual program is transmitted in the dual channel tone display ●○, you can select the audio channel manually in the desired language.

– Press on the function key TV audio channel in the menu *Video set-ups*.

– Choose Channel A or Channel B by pressing your selection / the respective key. The selected audio channel is displayed at the top left in the *TV menu*.

### Determining set-ups for the "station tracking"

– Press on the function key Automatic DVB-T/analog switch ☑ in the menu *Video set-ups*. A tick in the check box ☑ indicates that, during station tracking, the analog or the digital counterpart of the set TV station is being searched.

### Erasing the TV memory list

– Press on the function key Delete TV memory list in the menu *Video set-ups*.

### Setting the Audio/Video Standard

– In the menu *Video set-ups*, select each time the required standard for a connected external Audio-* or Video source* using the function keys AV 1 Standard and AV 2 Standard. ■

# Selector key NAV (Navigation)

## Overview

### Safety information regarding the use of the navigation system

The route is recalculated each time if you ignore driving recommendations or change the route. This process takes only a few seconds. Driving recommendations can only then be re-transmitted.

**Incomplete navigation data**

The navigation system cannot receive any data from GPS satellites if you drive for longer periods under thick forest canopy or when your vehicle is in a garage, underpass or tunnel. In this case, the navigation system orientates itself solely with the help of the vehicle sensors.

In regions not at all or only partially digitalised and stored as such on the navigation DVD, the navigation system will try to provide guidance to the destination. Please note that under these circumstances the guidance to the destination may not be completely correct if, for example, one-way streets and road categories (motorway, country road etc.) are not at all or only partially included in the navigation data used.

**WARNING**

**Always concentrate fully on your driving. Inattention by the driver can lead to accidents and injuries.**

- **Do not allow yourself to be distracted or loose your concentration, pay attention to the traffic situation and do not carry out settings or use the radio navigation system.**
- **Only use the radio navigation system if road, weather and traffic situations permit this and you are not distracted.**
- **The various volume settings must be selected in such a way that audible signals from the outside, such as e.g. a Martins horn from police cars and fire brigade, can be heard at all times.**

**WARNING**

**Please observe the legal requirements for road traffic when following the driving recommendations provided by your radio navigation system.**

- **The driving recommendations provided may vary from current situations, e.g. due to road works or out of date navigation data. In such a case, always observe the traffic regulations and ignore the driving recommendations.**
- **Traffic signs and traffice regulations always have priority over the driving recommendations provided by the navigation system.**
- **Route guidance is subject to constant changes, particularly to information relating to one-way streets, pedestrian zones etc. stored on the navigation DVD. Information on traffic lights, stop and right of way signs, parking and stopping restrictions as well as lane constrictions and speed restrictions is not included in the radio navigation system.**
- **Adjust your speed to suit weather, road and traffic conditions. Do not allow the navigation system to make yu drive faster in fog – risk of accident!** ■

### Navigation data and the navigation DVD

**Storing navigation data in the unit**

– Push a navigation DVD with as far as possible into the CD/DVD case with the written side facing up until it is automatically drawn in. The unit will compare the data on the navigation DVD with the data in the navigation system memory. No message will appear if the data in the navigation system memory of the unit is identical to the data on the navigation DVD.

– Press the function key Notify, to find out that the storing process has been completed. ▶

- If the corresponding message appears, press the key ⏏ or press the function key Eject and take out the navigation DVD. Active route guidance is interrupted and must be restarted.

### Updating navigation data in the unit

- If the data of the navigation DVD is **not** identical to that stored in the navigation memory of the unit, a corresponding message will be displayed.
- Press on the function key Save to overwrite the data in the navigation system memory of the unit with the data from the navigation DVD.

### Using the data of a navigation DVD for a short period of time

- If you leave the stored area map in the navigation memory of the unit for only a short period of time, insert the navigation DVD for the area to be driven.
- Press on the function key Temporary and leave the navigation DVD in the unit. The unit uses only the data from the navigation DVD for the navigation.
- If you are again in the area of the map material stored in the navigation memory, press the key ⏏ to take out the navigation DVD.

Storing the navigation data can take up to one hour. Route guidance will start via the navigation DVD while the navigation data is being stored. Please note that route guidance will be interrupted if the navigation DVD is taken out. Route guidance must then be restarted with details supplied from the navigation system memory of the unit.

#### Up to date navigation data and new navigation DVD

Road guidance is subject to constant changes (e.g. new streets, changes of street names and house numbers). A navigation DVD is a huge data store, which unfortunately will not be up to date after a certain time. This can lead to complaints during route guidance.

It is for this reason that you must regularly update the navigation data on your unit with a current navigation DVD. ■

## Input windows of the navigation system

### Selecting a destination from the list

- If you press on the function key ≡ after opening the input mask, a list will open with all the destinations containing the relevant parameters selectable from the navigation memory (e.g. State and City).
- If need be, move the sliding regulator to the right edge of the touchscreen for all entries in the list to be displayed.
- Press the desired entry in the list to take it over for the address.

### Limiting the destination and selecting from the list

- You can open a list of the selectable destinations any time by pressing the function key ** behind the entry line while making entries in the entry line. Only destinations selectable from the navigation memory will be displayed and which correspond to the requirements and the character sequence in the entry line.
- The number of selectable destinations will be displayed in the function key ** if fewer than one hundred destinations can be selected.
- If fewer than six destinations are selectable, the entry window will close automatically and a list of possible destinations will be displayed. ■

## Main menu Navigation

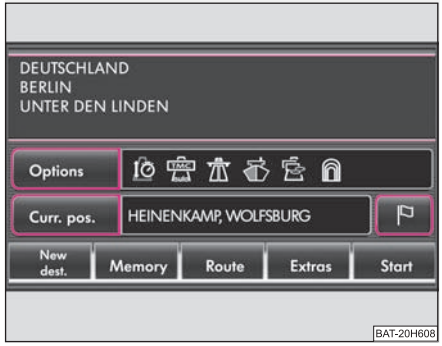


**Fig. 15 Main navigation menu with address.**

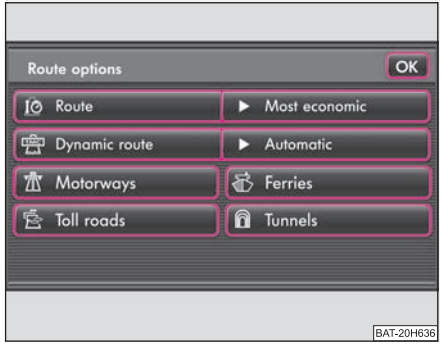


**Fig. 16 Select route option.**

– Press the selector key NAV. The last opened menu in the navigation will be displayed.

– Press the selector key NAV again if the main menu *Navigation* ⇒ fig. 15 has not been displayed.

**Position and ⚑ set**

Position – opens a window with information about your current location. When in this menu you can store the displayed location by pressing Save in the destination memory.

⚑ – stores the current position as "flagged destination" in the destination menu. Only one destination can be stored in the destination memory under "flagged destination". If the flagged destination is not renamed, it is overwritten by renewed pressing of ⚑.

**Further function keys in the main navigation menu**

New dest. – opens a selection menu to select the type of destination entry.

- New dest. - serves for the entry of a new destination.
- Tour mode – for changing over into the tour mode if more than two destinations still have be driven during route guidance.

Memory – opens a pop-up window:

- Load destination – for selection of an already stored travel destination.
- Save destination – to store the displayed travel destination in the main menu *Navigation*.
- Edit memory – switches over to the destination memory.

Route – opens a pop-up window during route guidance:

- Route list – displays a list with street names or street descriptions of those parts of the journey still to be driven during route guidance.
- Man. list – use the direction arrow to display a list with turning points still to be driven during route guidance.
- Congestion ahead – for manual entry of a route block.
- Cancel lexclusion – to cancel manually a route block.

Extras – opens a pop-up window:

- Enter intermediate destination – for inputting an additional destination which must still be driven during route guidance.
- Waypoint nav. – for switching over into the waypoint mode if in non-digitalised areas, specific points are set (Offroad Navigation).

Start – starts route guidance to the displayed travel destination. ▶

**Determining the parameters for the route calculation**

The menu *Route options* is called up ⇒ page 40, fig. 16 by pressing Options in the main menu *Navigation* ⇒ page 40, fig. 15. The menu *Route options* is used to determine the criteria according to which a route is to be calculated and what types of destination you wish to allow for the route calculation.

The changes in the menu *Route options* must be confirmed with OK, as they cannot be taken over otherwise.

Route – opens a pop-up window:

- **Fast**: It calculates the fastest route to your destination, even if a detour is necessary.
- **Short**: Longer driving time in favour of a shorter route is acceptable. Please note that the setting "Short route" during route guidance can sometimes lead to unexpected results.
- **Economical**: The aim of the calculation is a balance between minimal driving time and driving distance.

Dynamic route – opens a pop-up window where it is determined whether and how TMC traffic reports are to be included in the route calculation (*Manual* or *Automatic*).

Freeways, Ferries, Toll roads or Tunnels – Determines whether these types of destinations should or should not be used. These types of destinations will, however, be used for the route calculation if there is no other logical route to the destination (e.g an island is to be used without using a ferry). ■

# Entering a destination: Select a destination

## Overview for destination selection

### Menu New destination call up

- Press on the selector key NAV to call up the main menu *Navigation*.
- Press on the function key New destination to call up the menu *New destination*.

#### Information regarding destination selection

A travel destination is only taken over into the destination memory if route guidance to this travel destination has been started once or if the travel destination has been directly stored in the destination memory. The destination information already provided will be forgotten if, for example, it has been changed over to a different type of destination selection.

New route guidance is started with the function key Start. The display of the function key changes to Stop. Route guidance can be terminated by pressing this function key.

#### New destination: Select a new travel destination

Address – Address entry via an input mask for selecting a destination address ⇒ page 42.

POI – opens a search mask to search for a special destination from a certain category or by entering a name or a phone number. You will determine the current location of a search area, enter a town or select a point on the map. During route guidance you can also determine a point along the route or the destination area as a search area ⇒ page 43.

Map/GPS – Select a point on the map as a travel destination ⇒ page 44.

#### New destination: Selecting a travel destination from the destination memory

Home – select a previously entered and stored home address as destination – or define home address.

Last destinations – open the list of the last travelled destination and start route guidance to one of the displayed travel destinations by pressing ⇒ page 45 – or store the displayed *Last destinations*.

Favourites – open the list of the stored travel destinations which have previously been defined as "Favourite destinations" ands start route guidance to one of the defined travel destinations by pressing ⇒ page 45 – or processing "Favourites".

Destination memory – open list of the stored travel destinations and start route guidance to one of the defined travel destinations ⇒ page 45 – or modify "Destination memory". ■

## Selecting a destination address

In the menu *New destination*, press on the function key Address.

### Selecting a destination address

- Select the destination address in the menu *Address entry*.
- Press on one of the left function keys State, City/ZIP, Street, Number or Corner, to open the corresponding input mask. A destination address must always be selected in the displayed sequence, first of all the country, then the town and so on.
- If the information is sufficent for route guidance, the function key Start will be active.

### Changing the displayed destination address

- If a travel destination has previously been defined, it will be displayed in the menu *Address entry*. You need then only change the entries differing from the desired destination address.

#### Further function keys

The function keys Save and Start will only become active once a town has been selected. ■

## Selecting special destinations as a travel destination

In the menu *New destination*, press on the function key POI. When in the menu *Special destination search* you determine the options for the search of a special destination.

### Selecting a special destination category

- If you are searching for a special type of destination, for example a hotel, press Category and select a main category by pressing the respective key in the following menu.
- After selecting a main category, a list of selectable special destination categories will open. Press ⇦ to switch back to a main category after viewing a sub-category.
- Alternatively, press the function key ALL CATEGORIES (ALPHABETICAL), to display all selectable speciall destination categories in alphabetic order in a list.
- This special destination category is now displayed in the menu *Special destination search*. You can find an overview of all selectable special destination categories at the end of this chapter.

### Determining the search area

- Press Search area to determine the area to be searched for a special destination.

### Determining further search options

- If you are searching for a special destination, for example a hotel, and you know its name or phone number, press the function key Contains or Phone no..

### Starting the search

- If you have completed your entries in the search mask, press on the function key Search. A pop-up window will open and a special destination, which corresponds to the selected options, will be searched for within a surrounding area of maximum 200 kilometers.
- Press the function key Results to interrupt the search over the displayed distance of the respective area and to display one or more search results.
- If you press the function key Cancel the search will be terminated without a display.

### Selecting a special destination from the search results

- If only one special destination was found which corresponds to the pre-selected options, the *Information window special destination* will open.
- If several special destinations were found, they will first of all be displayed in a list. At the top of the list you can find the special destinations closest to the entered search area (distance and direction information refer to linear distance). If you press on the display of a special destination in the list, the *Information window special destination* will open.

### Information window – Special destination

- Here you will find further information, e.g. the exact address and phone number of the selected special destination.
- Press OK in the “Information window special destination” to start route guidance to the displayed special destination.
- Press the function key ⊞, to store the displayed special destination.
- Press the function key ◀ or ▶ to display further special destinations from the list if several special destinations were found.

– Press the function key [icon], to display the current vehicle position and the selected special destination in the map display.

**Search area options**

You can call up the menu *Select search area* by pressing the function key [Search area].

You can determine where to search for a special destination by selecting the menu *Select search area*. If you call up the menu, the search area is set to the current location.

[Near. destination] – If a travel destination is selected, you can select the surrounding area of this travel destination as a search area for the special destination.

[Location] – Limits the search for a special destination to the surrounding area of the current location (standard setting).

[Near city] – Use the input masks to enter the town where you intend to search for a special destination in the surrounding area.

[Select point on map] – Move a crosshair to choose a point on the map in the surrounding area where you intend to search for a special destination. Proceed as described in chapter "Select travel destination from the map".

[Along the route] – During current route guidance the search for a special destination is limited to the surrounding area of the calculated route.

**Further options for special destination search**

[Contains] – You can search for a particular special destination by entering a name.

[Phone no.] – You can search for a particular special destination via the entry of a phone number. Please enter only the phone number, without a city or country code. ■

## [Map/GPS] Selecting travel destination from the map

– When in the menu *New destination*, press the function key [Map/GPS]. The last travel destination for which route guidance was started will be shown in the map display. If no travel destination was arrived at, the current location will be displayed in an overview map.

– Turn button (8) to zoom in and out of the map and/or to change the map scale. Press the function key [icon] or [icon].

– Keep pressing on the map display and do not stop. The crosshair will follow your movements. If you move the crosshair to the edge of the screen, the adjoining map section will appear after a few seconds. The geo-position (position display via coordinates) or the street name for the current position of the crosshair will be displayed at the top of the touchscreen.

– If the desired travel destination or destination area is displayed, press the function key [OK]. Route guidance will start automatically.

– Press the function key [SAVE], if you wish to store the displayed destination.

**Determining a map destination more accurately**

You can further restrict a travel destination selected from the map display later on in the menu *Address entry*. For this purpose press the selector key [NAV] after the start of route guidance to change from the map display to the main menu *Navigation*. Here you can press the function key [Stop] to terminate route guidance. If you now change into the menu *Address entry*, the travel destination selected in the map will be displayed in the form of an address and can be determined there more precisely.

On the other hand you can use the menu *Address entry* to determine the area to be displayed in the map display as a destination selection.

**Further function keys in the map display**

[icon] – briefly switches the map display to the overview display (large scale). After a few seconds it will switch back automatically to the last selected zoom display (smaller scale).

[GPS] – opens a menu for entering a travel destination via its coordinates.

[SAVE] – stores the travel destination selected from the map in the destination memory. ■

## Map/GPS Entering a travel destination via coordinates

- When in the menu *New destination*, press the function key Map/GPS.
- Press the function key GPS on the map display. The coordinates of the last travel destination for which a route guidance was started are displayed. If no travel destination was approached, the coordinates of the current location will be displayed.
- Press the function key Latitude or Longitude to open the corresponding input mask.
- By pressing on ◀ and ▶, you can move the character entry cursor within the input fields or change to the next input field.
- When in the input mask, press on a character shown in the keypad block to accept it behind the character input cursor. Existing characters will be overwritten.
- Press on OK if the desired latitude or longitude is displayed in the entry fields.
- Pressing ⌫, will erase characters from right to left as of the position of the character input cursor. By pressing ↩ the input mask will be closed without the entries being accepted.

If the entered coordinates are outside the stored navigation area, a pop-up window will open with the following information: "**The unit cannot process these GPS coordinates. Please check your inputs.**" Press OK to close the pop-up window and to correct your inputs. ■

## Selecting a stored destination

Call up the menu *New destination* from the main menu *Navigation*. In the menu *New destination* the selectable function keys are only those for which destinations have already been stored. For example, Last destinations is only selectable if route guidance has already been started.

### Starting a route guidance to a stored "Home address"

- Start with the menu *New destination* and press the corresponding function key. If a home address has been stored, the unit will change to the map display and route guidance will start automatically.

### Start route guidance to a stored "Favourite destination", to another destination from the destination memory or from the list of "last destinations"

- Start with the menu *New destination* and press the corresponding function key.
- A list of stored destinations will be displayed, e.g. the list *Last destinations*.
- Press the display of a destination in the left column. The unit will change to the map display and route guidance to this travel destination will start automatically.
- Press on the function key ▤ behind the destination and press Show details in the opening pop-up window, to open the corresponding destination in the detailed display. ■

# Destination memory

## Storing destinations

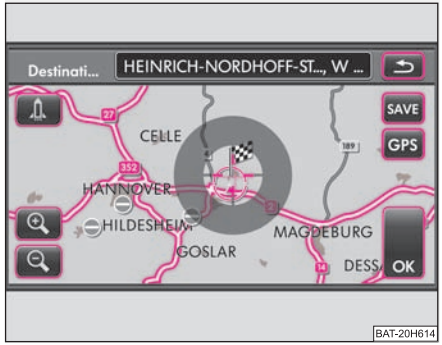


**Fig. 17 Destination on the map.**

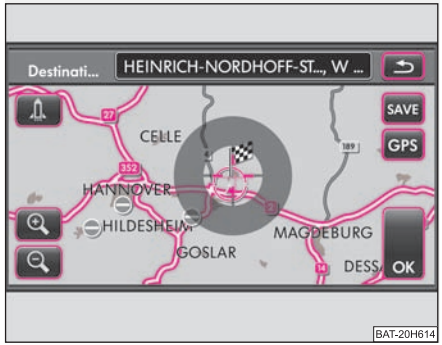


**Fig. 18 Information window Special destination.**

Depending on the menu selected for the destination entry, various function keys are available for storing a displayed travel destination. For example [SAVE] ⇒ fig. 17 or [🖫] ⇒ fig. 18. These function keys are only active (can be called up) if the corresponding travel destination has been adequately defined.

- Select a travel destination as described ⇒ page 42.
- Use the menu *Edit/store entry* to store the name and favourite status for the destination to be stored ⇒ page 47. ■

## Storing or erasing last destinations

- Press the function key [Last destinations] in the menu *New destination*.
- Alternatively, press on the function key [Memory] in the menu *Navigation*, on [Edit destination memory] in the pop-up window and on [Last destinations] in the following menu.
- When in the menu *Last destinations* press the function key [≡] behind a destination to open a pop-up window with options for editing.
- Pressing the function key [Save] in the pop-up window will open the menu *Edit/store entry*.
- Store the destination as described ⇒ page 47, “Edit/store entry”.
- If you press [Delete] in the pop-up window, the destination is deleted after confirmation of a further safety confirmation. ■

## Edit and delete stored travel destinations

- Press on the function key [Memory] in the main menu *Navigation* and on [Edit destination memory] in the pop-up window.
- While in the menu *Maintain memory* press the function key [Destination memory entries] to ensure that you will receive a list of all manually stored destinations. ▶

- When in the pop-up window press the function key Edit and the menu *Edit/store entry* will open.
- Change the entry as described ⇒ page 47, “Edit/store entry”.
- If you press Delete in the pop-up window, the destination is deleted after confirmation of a further safety confirmation.

**Edit flagged destination**

Ensure that only one destination under the name “flagged destination” can be stored in the destination memory.

If the flagged destination is not renamed, it will be overwritten by pressing ⚑ again. If you wish to keep a stored flagged destination, you must rename it.

■

## Edit/store entry

The menu *Edit/store entry* will be opened if a destination has been selected for storing or editing.

**Determining destination readouts for storing**

- Press on the function key ▲ or ▼, to fully display the information for this destination.
- Press Favourite status to determine a favourite category for the displayed destination in the following menu or to change it ⇒ page 47, “Determining a favourite category”.
- Press Name to change the displayed name under which the destination should be stored in the destination memory.
- Press the function key Save to store the destination under the displayed name and favourite status.

**Determining a favourite category**

- When in the menu *Edit/store entry* press the function key Favourite status.
- Press on the favourite category under which the destination should be stored. The menu will be closed and the selected favourite category displayed in front of the function key Favourite status.
- Press the function key Save to store the destination under the displayed name and favourite status.

A destination assigned to a favourite category can be called up with the function key Favourites and, depending on set-up in the map display, it will be marked with the assigned symbol. ■

## Deleting the destination memory or the list of the last destinations

- Press on the function key Memory in the main menu *Navigation* and on Edit destination memory in the pop-up window.
- When in the menu *Maintain memory* press the function key Delete destination memory or Delete all last destinations.
- Confirm the corresponding safety interrogation to delete the complete destination memory or all of the last destinations at once. ■

## Storing or editing a home address

Call up the menu *New destination* by pressing the selector key NAV and the function key New dest..

**Select a home address**

- Press the function key Home in the menu *New destination*. ▶

- If no home address has been defined, open the menu *Enter home address.*
- Press the function key [Destination entry] to open the menu *Address input.*

### Storing the current position as a home address

- Press the function key [Home] in the menu *New destination.*
- If no home address has been selected, open the menu *Enter home address.*
- If you press the function key [Current position], the current vehicle position will be stored as a home address.

### Editing a stored home address

- Press the selector key [SETUP] to change or delete an already stored home address in the menu *Navigation set-ups.*
- When in the main menu *Set-ups*, press the function key [Navigation] and the function key [Define home address] in the menu *Navigation set-ups.*
- When in the menu *Edit home address*, you can [Delete], [Edit] the currently stored home address or overwrite with the function key [Set current position]. ■

# Tour mode

## General

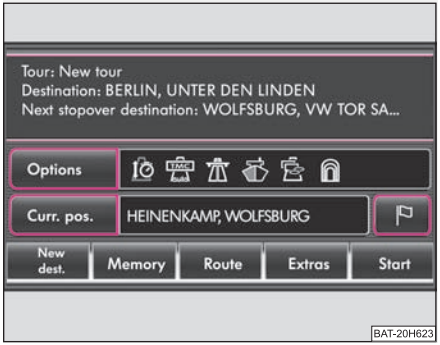


**Fig. 19 Main menu - Navigation: Tour mode.**

- In the main menu *Navigation*, press on the function key [Extras] and then on [Tour mode] to change to the Tour mode.

The main menu *Navigation* is either displayed in the "normal" travel destination mode or in the tour mode ⇒ fig. 19.

In order to exit the tour mode ⇒ page 49.

A tour always consists of **a travel destination**, which describes the end point of the tour and **max. five stopover destinations**.

### Additional symbols

– Starting point of the tour

– Stopover destination of a tour

– End point of a tour

– Opens a pop-up window to open a detailed display, to edit the destination or add a further destination. ▶

**Note**

During destination guidance, the travel and arrival time information always relates to the arrival at the final travel destination. The estimated travel or arrival time at a stopover destination is **not** displayed. ■

## Enter a stopover destination

If, in addition to the displayed travel destination, travel to the destination or several destinations still has to be undertaken, proceed as follows. You can insert the additional destination behind the displayed travel destination as a new end point of the tour.

- After selecting a travel destination, press on the function key [Extras] in the main menu *Navigation*. A pop-up window will open.
- If you press [Enter intermediate destination], the menu *New destination* will open for selecting a stopover destination. The background of the unit changes automatically to the tour mode.
- Select a stopover destination as described ⇒ page 42.
- If you have confirmed the new destination, you will be asked to select an entry behind which the new destination should be placed. You therefore determine the order of the destinations. Press [OK] to close the message.
- The main menu *Navigation* will now be opened in the tour mode ⇒ page 48, fig. 19.
- Press the function key [Start] to start the route guidance to the first stopover destination of the displayed tour.
- Press the function key [Extras] and then [Edit tour] to add further destinations to your tour ⇒ page 49, “Arranging a new tour in tour mode”. ■

## Exiting the tour mode

Ensure that all stopover destinations are deleted before you finish with the tour mode. You can store the displayed tour with all the stopover destinations before ending it by pressing [Memory] ⇒ page 50.

- Press on the function key [Extras] in the main menu *Navigation* and on [Leave tour mode] in the pop-up window, to end the tour mode.
- Confirm the message “**Would you like to exit the tour mode?**” by pressing the function key [Leave].
- Only the travel destination previously determined as end point is displayed in the main menu *Navigation*. ■

## Arranging a new tour in tour mode

- In the main menu *Navigation*, press on the function key [Extras] and then on [Tour mode] to change to the Tour mode.
- Press on the function key [Extras] and then on [New tour] to arrange a new tour.
- Press on the function key [≡] in the menu *Tour plan: New Tour* behind the display of the starting point or of an indicated destination.
- Press on [Destination entry] in the pop-up window.
- Select a destination as described ⇒ page 42.
- If you have confirmed the first destination, the menu will again *Tour plan: New tour* will be opened / has been opened. Press the function key [≡] next to the destination behind which a further destination should be inserted.
- Press on [Destination entry] in the pop-up window and choose another destination. ▶

- Press [⮌] if you wish to end the tour input. The travel destination of your tour and the next stopover destination is displayed in the main menu *Navigation*.
- Press the function key [Start] to start route guidance to the first stop-over destination of your tour.
- Press the function key [Memory] to permanently store the displayed tour under its own name in the destination memory ⇒ page 50, "Storing a tour".

In the menu *Tour plan: New tour* "New Tour" acts as a replacement for a name which you can allocate for this tour when the tour is stored. ■

## Storing a tour

A tour can only be displayed in the tour mode and therefore stored only in the tour mode.

- Press function key [Memory] ⇒ page 48, fig. 19 to store a tour displayed in the main menu *Navigation*.
- Press on [Save tour] in the pop-up window. An entry window for free text entry will open.
- Allocate a name for your tour.
- Confirm the displayed name by pressing [OK].
- The message "**Tour stored**" will appear. Press [OK] to confirm the message.

You can store **max. 10 tours** in the destination memory. ■

## Calling up a stored tour

- Press on the function key [Extras] in the main menu *Navigation* and then on [Tour mode].
- Press on the function key [Memory] and on [Load tour] in the pop-up window.
- Press the function key [i] next to a tour name in the menu *Load tour* to display information relating to the corresponding tour in the menu *Tour details*.
- Press the function key [Select] when in the menu *Tour details* or press directly on the name of a tour when in the menu *Load tour* so that the selected tour is displayed in the main menu *Navigation*
- Press the function key [Strat] to start the route guidance. ■

## Editing a stored tour

A tour can only be displayed in the tour mode and therefore only stored in the tour mode. Call up the tour to be edited.

- If you press at the top of the selected tour message the tour plan for this tour will open.
- Alternatively, open the tour plan by pressing the function key [Extras]. Press on [Edit tour] in the pop-up window.
- Press on the function key next to the destination in the tour plan [≡] you wish to process. The pop-up window with the possible options for processing this input will open. ▶

- If you press the function key next to the starting point of the tour "⚐", you will only have the possibility to determine, via the Destination entry, the first stopover destination after the starting point. The starting point has already been determined automatically via the GPS position definition of the unit and can therefore not be processed.
- If you press the function key next to one of the other destinations, you will be offered further modification options.

**Options for determining a tour destination**

Info – opens the menu *Destination data* for a detailed display of the selected destination. Press the function key Show on map to be shown the destination on the map. Pressing the function key will switch you back to the detailed display.

Start – Renewed pressing on Start will only start the route guidance to this tour destination, possible stopover destinations will be ignored. Press Back to change back to the display of the tour plan without starting the route guidance.

Delete – erases after further confirming the displayed tour destination.

Move – Press Forward to select an entry behind which the selected tour destination should be moved.

Destination entry – for input of a further tour destination. ■

# Waypoint mode (Offroad Navigation)

## Overview of the functions

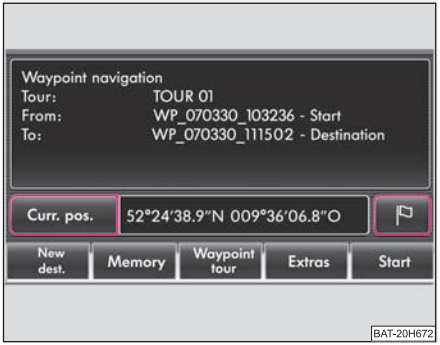


**Fig. 20 Waypoint navigation with active waypoint tour.**

### Opening the waypoint mode

- Press on the function key Extras in the main menu *Navigation*.
- Press on the function key Waypoint nav. in the pop-up window.
- The menu *Waypoint navigation* will open and the last active waypoint tour will be indicated ⇒ fig. 20.

### Exiting the waypoint mode

- When in the waypoint mode, you can always change into the menu *Waypoint navigation* by pressing the selector key NAV.
- There, press on the function key Extras ⇒ fig. 20 and select the Stop waypoint navigation in the pop-up window.
- Alternatively, you can terminate the waypoint mode by calling up the function key New dest. in the menu *Waypoint navigation*. ▶

– Once you have reached the destination of a waypoint tour, the waypoint mode will close automatically and the “normal” main menu *Navigation* will open again.

When in the menu *Waypoint navigation*, the last active waypoint tour and its current geo-position will be displayed. If no waypoint tour has been recorded or all of them have been deleted, a corresponding message will be inserted. In this case the function keys for starting, loading or processing a waypoint tour are not active.

If a waypoint tour is displayed, the waypoint tour ⇒ page 53, “Driving a stored waypoint tour” will be started by pressing the function key Start.

The following menus and sub-menus are operated analog to the already described menus of the navigation system and will no longer be described here in detail:

- Pressing on a displayed entry or the function key will always open the detailed display.
- Pressing the function key opens a pop-up window for analog processing of the accompanying input.

**The function key** New dest.

Pressing the function key New dest. will open a safety interrogation:

Back – switches back into the waypoint mode.

Onroad destination – terminates the waypoint mode and opens the menu *New destination* for selection of an “Onroad destination” from the available navigation data.

**The function key** Memory

Pressing the function key Memory will open a pop-up window:

Load tour – opens a list of the stored waypoint tours. Press the corresponding waypoint tour for selection.

Edit waypoint tour memory – opens the waypoint tour memory. Stored waypoint tours can be displayed, renamed or deleted.

**The function key** Waypoint tour

Pressing the function key Waypoint tour will open a pop-up window to display a new waypoint tour or to process the displayed one.

Record waypoint tour – starts after naming the waypoint tour, selecting an acceptance mode and displaying a new waypoint tour. A displayed waypoint tour is automatically stored and can be called up later from the Memory via Load tour.

Edit waypoint tour – opens a list with the waypoints of the tour currently displayed in the menu *Waypoint navigation*. The waypoints in the list can be displayed, deleted, moved or renamed in the map. Further waypoints can be added via the selection from the map or the input of the GPS position. If a different waypoint tour has to be processed instead of the one displayed, it must first of all be called up from the Memory with Load tour. ■

## Display a waypoint tour

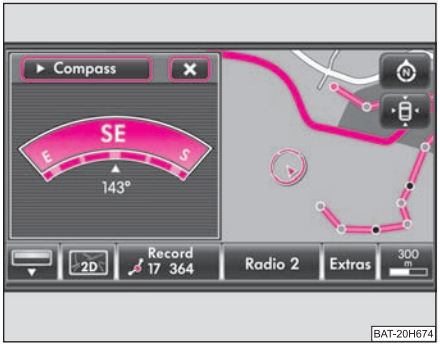


**Fig. 21 Display in the map illustration with an additional window in the compass display.**

– Press on the function key Waypoint in the menu *Waypoint navigation*.

– Press on the function key Load tour in the pop-up window.

– If a tour is already being displayed in the menu *Waypoint navigation* you must select by pressing in the following menu whether you wish to display the indicated Extend existing tour or a New tour. ▶

- Give a short and clear name to the waypoint tour. Confirm the displayed name by pressing OK.
- Select an acceptance mode by pressing the respective key.
- Press the function key Automatic to allow the system to automatically set the waypoints (recommended) during the display.
- Press the function key Manual if you wish to set all waypoints yourself during the display.
- After starting the display, the number of used and still available waypoints as well as the set display mode will be indicated in the menu *Waypoint navigation*.
- Press the selector key MAP to change into the map display. Repeated pressing of the selector key MAP will open and close the additional window ⇒ page 52, fig. 21.
- Press on the selector key NAV to switch back into the main menu *Waypoint navigation*.
- Press the function key Store current position as waypoint to set the waypoints manually. When in the map display you can find this function key in the pop-up window for the function key Record ⇒ page 52, fig. 21 ⇒ page 53, “Function key in the map display”.

**Function key Record in the map display**

The waypoints used up to now for the tour and those still available are indicated in the function key Record.

Pressing the function key Record ⇒ page 52, fig. 21 – will open a pop-up window for controlling the display.

Stop – ends the recording: the last set waypoint becomes the endpoint of the waypoint tour.

☑ Automatic recording – switches on and off the functions indicating that the waypoints are set automatically via the sensors in the vehicle when changing the direction. A tick in the checkbox ☑ indicates that the function is switched on.

Add current position as waypoint – sets a manual waypoint at the current driving position. ■

## Driving a stored waypoint tour

Before you start driving a waypoint tour, you must be in the vicinity of the desired starting point of this waypoint tour.

### Select a waypoint tour

- Press the function key Memory in the menu *Waypoint navigation*.
- Press on the function key Load tour in the pop-up window.
- Choose a waypoint tour in the list by pressing on the respective tour.

### Driving a waypoint tour

- Press the function key Start in the menu *Waypoint navigation*. The menu *Starting from which waypoint* will open. Starting and finishing points of the waypoint tour are displayed at the top.
- Press the function key Reverse waypoint tour in the menu to drive the selected tour in the opposite direction.

### Stopping the route guidance

- Press the third function key at the bottom of the map display for information about the distance to the closest waypoint and Stop route guidance in the pop-up window.
- Alternatively, press the selector key NAV and then press the function key Stop.

**When driving**

Follow the information regarding turns as far as possible. Once you have come as close as 50 meters to a waypoint, the drive recommendation will appear for the next waypoint.

If a waypoint has not been reached, you must ignore it, otherwise the system will continue to try and guide you to this waypoint. The distance to the next waypoint and the number of it according to the sequence in the waypoint tour is indicated in the third function key at the bottom of the map display.

Press this function key and choose in the pop-up window Next Waypoint to ignore the waypoint to which the system wishes to guide you.

Alternatively, press the selector key NAV and press the function key Next Waypoint.

Press the function key Prev. Waypnt. or Previous waypoint in the corresponding menu to approach the last waypoint again.

While you are approaching a waypoint tour, press on the third function key at the bottom of the map display and on Add current position as waypoint in the pop-up window in order to supplement the tour with further waypoints. For example, you can designate route marks and name them later or store new detours on route. Alternatively, call up this function by pressing the selector key NAV and the function key Waypoint tour. ■

# Route guidance

## Starting and stopping route guidance

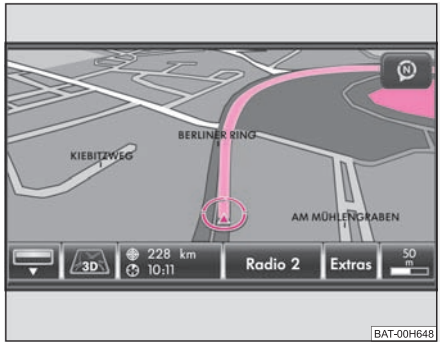


**Fig. 22 3D map display during a route guidance.**

Select a travel destination or enter a tour and start route guidance as described in the respective chapter. The unit will switch over to the map display ⇒ fig. 22.

### Route guidance in the map display

- Press on the function key [...] / [...] in the map display and on ⇒ fig. 22 [Stop route guidance] in the pop-up window to interrupt the route guidance.
- If you press the function keys [Navigation] and [Start route guidance] in the opening pop-up window the route guidance will continue at the current position.

### Route guidance in the main menu Navigation

- Press the selector key [NAV] after route guidance has started to switch to the main menu *Navigation*.
- Pressing the function key [Stop] will interrupt the route guidance and "**Start**" will be displayed again the function key.
- If you press the function key [Start] the route guidance will continue at the current position.

### Select one of three alternative routes

- If you have selected the function "**Propose 3 alternative routes**" in the menu *Navigation set-ups*, three selected routes to the chosen travel destination will be calculated after the start of route guidance.
- If the calculation is terminated, three routes to the destination will be indicated in the overview map. The three routes correspond to the selectable route options "fast", "short" and "economical".
- You are given further information to the respective route in the function keys on the right. Route guidance will start on the selected route as soon as you press one of these function keys. The route options for the navigation are changed according to the selected route. You can change the route options at a later time.

After route guidance has started, the route becomes the first travel destination and is calculated according to the specified information.

When switching to the map display, the map will always be displayed in the last selected type of display (2D, 3D, topographic). ■

## Receiving driving recommendations

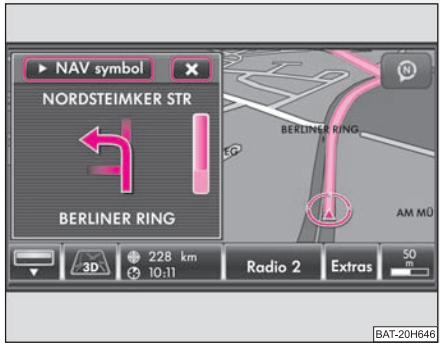


**Fig. 23 Optical driving recommendation in the additional window of the map display.**

- Press the key at the unit (7) [i], if you wish to repeat the last audible driving recommendation.
- Press the selector key [MAP] in the map display to insert the additional window.
- Press the function key at the top left in the additional window.
- In the pop-up window press on [Symbol] to display the direction arrows in the additional window ⇒ fig. 23.
- Press on [Overview] in the pop-up window to display an overview map in the additional window with the starting and finishing point. Press briefly on this map to change its type of display.
- Press the function key [✖] or the selector key [MAP] to close the additional window.

### Route guidance tour plan

When driving to a tour plan, route guidance will start automatically to the next destination after reaching a stopover destination. If a stopover destination cannot be reached exactly, it must be deleted from the tour plan before route guidance can continue to the next destination. If route guidance to the next destination has been started manually, only this destination will be approached and all further destinations of the tour plan are ignored.

### Note

- If you have missed a turn-off during route guidance and there is no other opportunity to turn at that moment, continue driving until the navigation system offers you an alternative route.
- The quality of the messages transmitted by the unit depends on the available navigation data and, during traffic problems, also on the available traffic reports. The radio stations broadcasting the traffic reports are responsible for the content and quality of the available traffic reports. ■

## Dynamic route guidance with TMC

### Switching the dynamic navigation on or off

- Press the function key [Options] in the main menu *Navigation*.
- In the map display, press on [Navigation] or on [...] / [...] ⇒ page 55, fig. 22 during a route guidance and on [Route options] in the pop-up window.
- In the menu *Route options*, press on the function key [Dynamic route] and select the desired set-up by pressing your choice in the pop-up window.
- Press [OK] to confirm your input.

Traffic problems received via TMC which affect the route are displayed in the map by means of a coloured symbol. Traffic problems, which do not affect the route, are displayed in the map by means of a grey symbol. The direction in which a traffic problem is found, is displayed by means of an arrow in the symbol. The duration of a traffic problem on the route is displayed in the map by means of continuous PKW (motor car) symbols.

### Dynamic route ▶ Off

When the dynamic navigation is switched off you will not be advised of traffic problems affecting your route during route guidance and you are not directed away from or through the traffic problems. TMC traffic reports are updated ⇒ page 57, “Requirements for a dynamic route guidance” automatically in the unit and displayed by pressing the selector key TRAFFIC.

If one of the announced traffic problems is on your route, you can also switch on the dynamic route guidance during the current route guidance or block the route manually ⇒ page 58, “Manually blocking a stretch of the route”.

### Dynamic route ▶ Manual

If the dynamic navigation is set to **manual** and you are in route guidance mode you can select to avoid the announced traffic problems on your route ⇒ page 57, “Requirements for a dynamic route guidance”.

If the navigation system is alerted of a traffic problem on the calculated route, the driver will be notified of this by means of an audible message and information in a pop-up window.

The expected delay incurred in avoiding this traffic problem and the length of the alternative route will be displayed. The expected time lost when driving through this traffic problem will also be displayed.

- Press Keep route to remain on the calculated route and to pass through the traffic problem.
- Press Detour route for an alternative route to be calculated taking into account the announced traffic problem.

### Dynamic route ▶ Automatic

If the dynamic navigation system is set to **Automatic** and you are in tour guidance mode, you will automatically be guided ⇒ page 57, “Requirements for a dynamic route guidance” around the announced traffic problem on your route.

After input of relevant traffic information for your route you will be advised of the change in the current route guidance by means of an acoustic message. You will automatically be guided around announced traffic jams or blocked roads, if this saves time.

Such announcements will take place if a traffic problem affects the original route calculation, the traffic problem has been solved and the navigation system can see only one possibility of driving the actually most advantagous route.

### Requirements for a dynamic route guidance

TMC (Traffic Message Channel) is a digital radio data service for **continuous** transmission of traffic information.

The unit has a continuous background of TMC traffic reports providing a TMC station at the current location can be received.

The quality of the transmitted traffic reports depends on the broadcast editing carried out by the radio station. The reception of the TMC traffic reports cannot be switched on or off.

The station you are listening to does not have to be a TMC station.

TMC traffic reports can only be evaluated and displayed by the unit if the navigation data for the currently driven area is stored in the unit memory or can be called up via an inserted navigation DVD.

The current TMC traffic reports can be displayed by pressing the selector key TRAFFIC.

### Note

- There may not be any advantantage in avoiding the traffic jam if, as a result of the TMC traffic reports, the diversion is also heavily congested.
- You can manually block the information for the route in front of you if a traffic problem ahead has not yet been included in the TMC traffic reports ⇒ page 58. ■

## Inserting a route or manoeuvre list

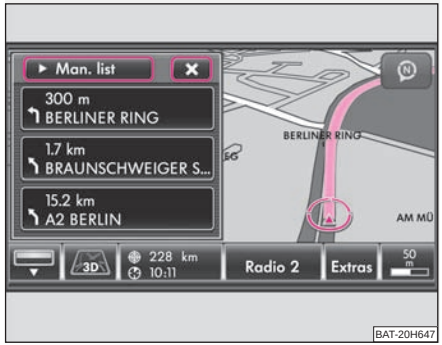


**Fig. 24 Manoeuvre list in the map display.**

The route or manoeuvre list can only be displayed during a route guidance.

### Additional window in the map display

- Press the selector key MAP in the map display to open the additional window.
- Press on the function key on the top left in the additional window and on Man. list in the pop-up window. The manoeuvre will be displayed ⇒ fig. 24. The route list can only be called up via the main menu *Navigation*.

### Main menu Navigation

- You can open the main menu *Navigation* during route guidance by pressing the selector key NAV.
- Press on the function key Route in the main menu *Navigation* and on Route list or Man. list in the pop-up window.

In the **Manoeuvre list** the turning points still to be passed will be displayed in the list by means of direction arrows. Street name or street description refers to the street into which to turn ⇒ fig. 24.

In the **Route list** the street names or street descriptions for the parts of the journey still to be driven are displayed in a list. ■

## Manually blocking a stretch of the route

### Blocking a stretch of the route

- Press on the function key ... / ... in the map display during a route guidance or on the function key Route in the main menu *Navigation*.
- Press on the function key Congestion ahead in the pop-up window. An overview map will be displayed together with the current vehicle position and the travel destination.
- Turn the set button 8 anti-clockwise, move a flag symbol starting from the travel destination in direction of the current vehicle position. Press on the displayed route and the flag symbol will "skip" directly to this point. The distance taken up by the current obstruction will be displayed as of the current vehicle position at the bottom in the touchscreen.
- Press the set button or the function key OK, when the approximate length of the stretch of the road to be bypassed is displayed.
- You will receive an audible announcement that parts of the route are blocked and that the alternative route is being calculated.

### Cancel obstruction

- Press the selector key NAV if you are in the main menu *Navigation*, as the obstruction can only be cancelled in this menu.
- Press the function key Route.
- Press on the function key Cancel exclusion in the pop-up window. ▶

Received TMC traffic reports will be displayed in the map as traffic problems. Currently announced traffic problems can also be displayed in the list of TMC traffic reports. ■

# Range selector key MAP

## Map display

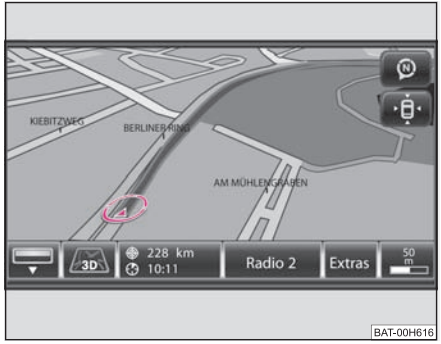


**Fig. 25 3D map display during a route guidance (map section moved).**

By pressing the selector key MAP you can move from any menu into the map display.

Pressing the selector key MAP will open or close an additional window in the map display, where further information can be displayed and selected ⇒ page 63, "Additional window in the map display".

During route guidance the map display will differ in some points from the "normal" map display. During the route guidance the driven route will be highlighted, symbol , shows the current vehicle position ⇒ fig. 25 - in the bottom line behind the third function key and the distance to the destination and, behind the estimated time of arrival or driving time will be displayed.

Parts of the road ahead can also be blocked manually during route guidance.

Use the function key to insert or fade out the bar with the function keys in each display.

### Center the map display for vehicle position or travel destination

You can move the indicated map section by pressing your finger on the touch-screen and sliding it over the touchscreen.

If you have moved the touch-screen section, a further function key will be inserted at the top right under the compass display function key ⇒ fig. 25. Pressing this function key will center the map again for the current vehicle position.

In some map displays you can center the display of the travel destination with the function key .

### Change the type of display

The symbol in the second function key , or shows the currently selected type of display. To change these, briefly press press the function key and select a different type of display in the pop-up window by pressing the selection again.

**-2D** – Two-dimensional: Plan view of a conventional map display.

**-3D** – Three-dimensional: Map display, diagonally from the front in bird's-eye perspective.

**-Topographic** – Plan view of a conventional map display with coloured display of various terrains (Mountains, Valleys etc.).

### The function key Navigation in the map display without route guidance

Pressing on the function key Navigation will open a pop-up window with settings for navigation.

Start route guidance – starts route guidance or continues route guidance to the travel destination selected in the *Navigation*.

Enter new destination – calls up the menu *New destination* to change the travel destination selected in the main menu *Navigation*.

Route options – to change the parameters for route calculation.

– stores the current position as flagged destination in the destination memory.

For further functions of the navigation system, e.g. changing the travel destination, open the main menu *Navigation* by pressing the selector key NAV.

### The function key [...] / [...] in the map display during a route guidance

Pressing the function key [...] / [...] ⇒ page 60, fig. 25 will open a pop-up window with set-ups for route guidance.

[Stop route guidance] – stops route guidance at the current position. The route guidance can be continued at any time by pressing the function key [Navigation] and [Start route guidance].

[Add intermed. dest.] – calls up the menu *New destination* in order to enter a stop-over destination to be approached during current route guidance.

[Congestion ahead] – for manual entry of a route block.

[Route options] – to change the parameters for route calculation.

[⚑] – stores the current position as flagged destination in the destination memory.

For further functions of the navigation, open the main menu *Navigation* by pressing the selector key [NAV].

### Control media source

The function key [Radio 2] displays the currently selected media source (here the radio station "Radio 2"). To control the selected media source, briefly press the function key and select a station (radio mode) or title (media mode) by pressing the selection in the pop-up window.

**Radio mode:** The six station keys of the main menu *RADIO* are faded in.

**Media mode:** The title name and the function keys for controlling the current media source are faded in.

### Function keys [Extras]

Pressing the function key [Extras] will open a pop-up window for further set-ups and displays.

[Destination view] – shows the currently selected travel destination in the map display in the main menu *Navigation*. Use the function key on the right under the compass display to center the map again on the vehicle position.

[Day/Night] – will change between day and night design.

[Split screen] – will open the additional window. The additional window can be opened or closed in the map display by pressing the selector key [MAP].

[☑ Lane guidance] – during route guidance, when driving and turning on roads with more than one lane, a small additional window with lane recommendations will be inserted in the map. A tick in the checkbox ☑ indicates that the function is switched on.

### Scale modification and display

Pressing the function key with the display of the currently selected map dimension at the bottom right will insert further function keys for changing the map detail and the map scale. If not used, these function keys fade out again after five seconds.

[🔔] – briefly switches the map display to the overview display (large scale). After a few seconds it will switch back automatically to the last selected zoom display (smaller scale).

[+] or [-] – to zoom in or out of the map, i.e.changing the map scale. Alternatively, move the sliding regulator [▭] within the scale.

[⊙ - 🏁] – switches to the overview map with start and finish point during route guidance.

[🔧] – for switching on the autozoom during a route guidance. If "Autozoom" is active, the map scale will change automatically depending on the driven route (Motorway trip: small map scale - City center: large map scale). The switched-on Autozoom is displayed in the scale display by 🔧. Press again to switch off [🔧] or manually change the scale with the set button (8).

### Display favourite symbol

A favourite category can be determined for stored destinations.

Favourite destinations are displayed in the map, depending on set-up, with their assigned favourite symbol.

| Symbol | Description |
|---|---|
| | Infrastructure |
| | Private |
| | Restaurant |

| Symbol | Description |
|---|---|
| | Sightseeing |
| | Business |
| | Various |
| | Vacation |
| | Shopping |
| | Sport |

**Symbols for the display of traffic problems**

If the traffic problem is on the calculated route, the symbol will be highlighted.

| Symbol | Description |
|---|---|
| | Slow-moving traffic |
| | Traffic jam |
| | Accident |
| | Icy |
| | Slip hazard |
| | Danger |
| | Road works |

| Symbol | Description |
|---|---|
| | High wind |
| | Road closed |
| | Traffic problem (is indicated over the total distance of a traffic problem) |

**Function "Click on map"***

When pressing on the special destination, favourites, TMC symbol or on Congestion ahead, the information regarding the relevant object is displayed. In the event that several symbols are arranged one above the other and the system does not detect which symbol has been pressed, first a list of objects is displayed.

**Note**

- The activated function "Autozoom" will be deactivated again if the map scale is changed manually with the set button.
- A "flagged destination" stored with the function key must be renamed in the destination memory if it should not be overwritten by the following flagged destination. ■

## Location display without route guidance

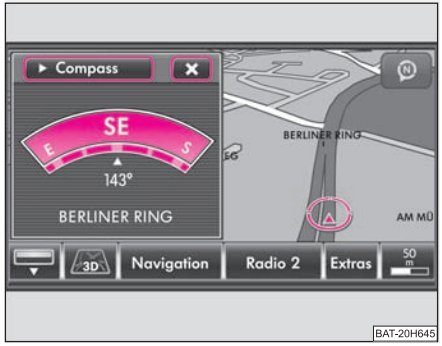


**Fig. 26 Map display with additional window in the compass display.**

**Map display with additional window in the compass display.**

### "Searching" the map

- Press the selector key MAP to change over to map display.
- Turn the menu button in the map display to alter the map scale ⇒ page 61, "Scale modification and display".
- Press on the touch-screen with your finger and move it along across the touch-screen without lifting it to move the displayed map section.
- Press the function key with the symbol 2D, 3D or Navigation, and select a different type of display in the pop-up window ⇒ page 60, "Change the type of display".

### Additional window in the map display

- Press the selector key MAP in the map display to insert the additional window.
- Press the function key at the top left in the additional window ⇒ fig. 26.
- Choose one of the possible displays by pressing your choice in the pop-up window.

The right or left position of the additional window can be selected in the set-ups.

### Display options in the additional window

Compass – shows a compass display with the current direction of travel.

Pos. map – shows a map with the vehicle position in the additional window. Press once on the map in the additional window to change the map display. You can change the display options in the following menu as described ⇒ page 60, "Map display".

GPS Viewer – shows the coordinates of the current vehicle position. The number of satellites received will also be displayed. At least five satellites must be received simultaneously to enable the absolute height above sea level to be displayed behind the mountain symbol (Display: "**3D Fix**"). ■

# Selector key PHONE

## Overview

### Main menu PHONE

Connect your mobile phone with the mobile phone program according to the instruction manual applicable to your vehicle.

– Press the selector key PHONE to call up the main menu *PHONE*.

After the connection process, it will take a few minutes until the phone book data of the mobile phone connected to the radio unit is available.

**Function keys in the main menu PHONE**

–Take calls, establish or hold. After pressing the call list, the selected phone numbers are displayed in the main menu PHONE.

–End conversation or reject call.

SOS – establishes a connection to a an emergency number after further confirmation. This function is also possible without a connected mobile phone. It is, however, necessary that a connection can be established via a mobile phone company.

Voice mailbox and Memory 2 to Memory 6 – Shortcut keys; these can be allocated to, in each case, one number.

– opens the number block for entering a call number.

Calls – opens a pop-up window for selecting a call list. Only call lists of missed, dialed or accepted calls from the mobile phone preparation program can be displayed.

Extras and Switch off microphone – switches off the microphone during a conversation. Conversations held inside the vehicles cannot be heard by the other party when the microphone is switched off.

– opens the phone book of the connected mobile phone for selecting a call number. ■

### Enter call number

**Enter a number and select**

– Press on the function key in the main menu *PHONE*, in order to open the number block for entering a call number.

– Press an inserted number key to accept the corresponding number in the entry line.

– You can delete the characters in the entry line from right to left by pressing the function key .

– Press function key when the desired call number is indicated in the entry line. The connection to the entered call number is established.

You can select the character "**+**" instead of the first two digits (for example "**00**") when entering a country code. For this step, hold the function key 0 with the little triangle "▼" pressed until a pop-up window with the function keys 0 and + fades in. Accept the desired character into the entry line – the pop-up window will close. If no entries are entered, the pop-up window will close automatically after a few seconds.

The special keys "Stars" * and "Rhombus" # have the same function as those on a phone keypad. These characters are primarily needed when transmitting sound signals during a call. ■

### Phone book

**Opening the phone book**

– Press on the function key in the bottom right in the main menu *PHONE*, in order to open the phone book. ▶

### Call a call number from the phone book

- When in the menu *Phone book* move the sliding regulator in the scrollbar to the bottom to view further stations.
- Press on the function key Search to select a phone book entry via a search mask.
- Press in the left column on the display of a phone book entry. The connection to the **first** call number stored for this entry in the phone book, will now be established.

### Displaying information relating to a phone book entry

- Press the function key on the right next to the phone book entry you which to display. The call numbers stored under this entry are displayed.
- If you press on the entry of a call number, the connection to this call number will be established. ■

## Searching an entry in the phone book

- Press on the function key Search in the menu *Phone book* to select a phone book entry via a search mask.
- Press a selectable character on the keypad while in the search window to accept it in the entry line.
- Press the function key to open the input window for digits and special characters. Press A–Z, to change again to the letter input mask.
- You can delete the characters in the entry line starting from the position of the character insertion cursor from right to left by pressing the function key .
- If you press on the button , the connection to the **first** call number is established, by doing so an assigned name is displayed in the entry line in the telephone.

The upper and lower case which is used when searching for a phone book entry, is **not** of importance.

### Editing field: Indicate specific characters

Some letters are also marked with a small triangle "▼". This indicates that specific characters based on this letter can be selected.

Continue to press down on the corresponding button with your finger until a pop-up window with these specific characters fades in. After pressing the desired characters, these characters are accepted in the entry line and the pop-up window will close. If no entries are entered, the pop-up window will close automatically after a few seconds. ■

## Adapt a call number

Open the display of a call number from the phone book or a call list as described in the corresponding chapter.

- Press the arrow keys ◀ or ▶ to move the character entry cursor in the entry line.
- Press on a character inserted into the keypad to accept it behind the character entry cursor in the entry line.
- The connection to the displayed call number will be established as soon as you press the function key . ■

## Call lists

Only the dialed numbers which are missed, selected and accepted by the mobile phone preparation program **in the vehicle** are stored. The call lists stored in a mobile phone will **not** be transferred to the vehicle.

- Press on the function key Calls in the main menu *PHONE*. ▶

– Select the call list from which you wish to select a call number by pressing your selection in the pop-up window. The corresponding list is displayed. Call numbers, for which an entry exists in the phone book, will be displayed together with the corresponding name.

You can use the function key [ ], to display further information relating to the stored call number.

- [Missed calls] – shows a list of the non-accepted calls from the mobile phone preparation program.
- [Dialed numbers] – shows a list of call numbers, with which the mobile phone preparation program has attempted to establish a connection.
- [Calls taken] – shows a list of calls accepted by the mobile phone preparation program.

If the call number from a call list is stored in the phone book the stored name in the phone book is displayed instead of the call number.

Incoming calls rejected with the function key [ ] will be stored in the call list of the **accepted** calls.

Call lists are always assigned to a user profile and are only displayed once the corresponding SIM card is connected again with the mobile phone preparation. ■

## Shortcut keys

At the time of the first connection with the SIM card of your mobile telephone all shortcut keys have still not been assigned after the first call from the main menu *PHONE*.

### Assigning free shortcut keys

– If you press briefly on a non-assigned shortcut key the menu *Shortcut* will open to enable a name and phone number to be entered.

– If you press the function key [Name], an input mask will open to enable a name to be assigned.

– If you press the function key [Number] a mask will open to enable a number to be assigned.

– Press the function key [Call list] or [Telephone book] to accept a call number for these shortcut keys from the corresponding list.

– Press the function key [ ] to erase all entries in all entry lines at once after confirmation with [OK].

– If you have completed your entries in the Menu *Shortcut*, press the function key [OK].

– The entered name will be displayed in the shortcut key of the main menu *PHONE*. The call number entered will be assigned to a shortcut key.

### Calling up a connection via the shortcut key

– Briefly press an **assigned** shortcut key to establish the connection to the assigned call number.

### Modifying assigned shortcut keys

– If the assignment of a shortcut key is to be modified, keep pressing the corresponding shortcut key until the menu *shortcut* has opened for modification.

The assignment of the shortcut keys remains stored in the unit and will only be displayed again when the corresponding SIM card is connected again to the mobile phone preparation program.

**Shortcut key** [Voice mailbox]

The shortcut key [Voice mailbox] has not yet been assigned a call number in the factory, as this depends upon the corresponding mobile phone company and country. The name for this shortcut key has, however, been specified and cannot be changed. You should now store your mail box number so that you can quickly check your voice mail. ▶

**Editing field: further input possibilities**

[↑] – changes from upper case to lower case and vice versa.

[0-9%] – opens the editing field for the entry of digits and special characters. The button changes to [A-Z]. Press on [A-Z], to change again to the letter editing field.

[ ] – space key for inputting spaces.

[◀] or [▶] – moves the cursor in the entry line to the left or right.

[⌫] – deletes characters in the entry line from right to left, starting from the position of the cursor. ■

## Phone conversation

If you have started the process of connecting to a call number or accepted a call, the main menu *PHONE* will change to the display *Phone conversation*.

### Incoming phone call

- An incoming phone call will be displayed on the touch-screen by "**Incoming call**" followed by the call number of the caller. If the number of the caller is stored in the phone book, the name of the caller will be displayed instead of the call number.
- Press the function key [ ] to accept the call.
- Press the function key [ ] to reject the call.

### During a phone conversation

- If you press the function key [ ] during a phone conversation the current conversation will be switched to "mute" (Display: "**Call is held**"). This means that the connection remains intact while the audio transmission is interrupted.
- If you press the function key [ ], again the conversation can be continued.
- If you press the function key [ ], during a phone conversation, the connection to the current call number will be terminated and the unit will change to the main menu *PHONE*.

### Carrying out an additional phone conversation

- Press on the function key [ ] during a phone conversation to put the current conversation on "hold" as described above.
- Select a new call number or select a stored call number.
- If you are holding an additional conversation, you can switch between both parties ("alternate").

### "Call waiting" and changing between two parties (Alternate)

- If you are called while holding a conversation, the number and the name of the caller will appear below the current conversation on the touch-screen (Function: "Call waiting").
- Press on the function key [ ] in the line "**Incoming call**" to reject the second call.
- Press on the function key [ ] in the line "**Incoming call**" to accept the second call. The connection to the first party will be interrupted but not broken (Display: "**Call is held**").
- If you press the function key [ ] in the line "**call is held**", the conversation with this party will continue and the other party will be "put on hold". In this way you can alternate between two parties.
- Press the function key [ ], to break the connection to the call number displayed in this line.

**DTMF key tones**

Each key of a phone is assigned a particular DTMF (Dual-tone Multi Frequency = Key tone); DTMF key tones are used for, for example, the input of a password via the phone or for selection of a colleague in a "Call center". ▶

If a DTMF key tone has to be entered during a conversation, you can open the keypad field by pressing the function key at the bottom left and follow the instructions (for example: “For a private conversation with one of our co-workers, please press 3”).

You can store a longer DTMF key tone on your mobile phone. If, during a conversation, this DTMF key tone has to be entered, call up the corresponding entry from the phone book as described.

If you press in the input mask on the function key DTMF, the displayed character sequence in the entry line will be played as DTMF key tone sequence.

Please note that in a DTMF key tone sequence the character “+” must not appear, as it interrupts the playing of a DTMF key tone. ■

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