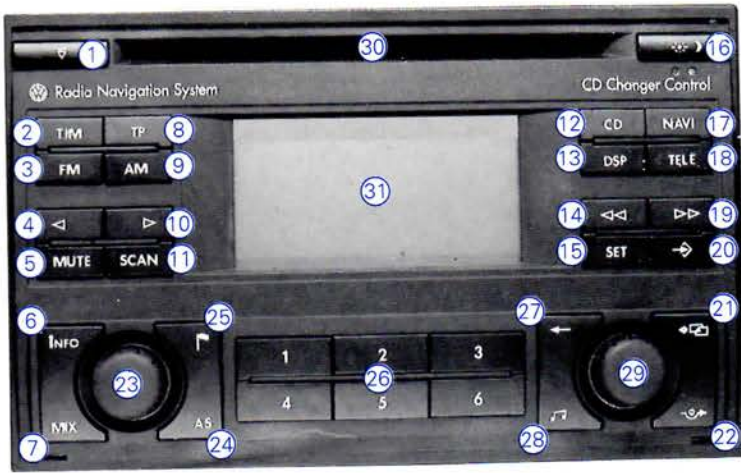




Volkswagen Radio Navigation System

Operating Instructions





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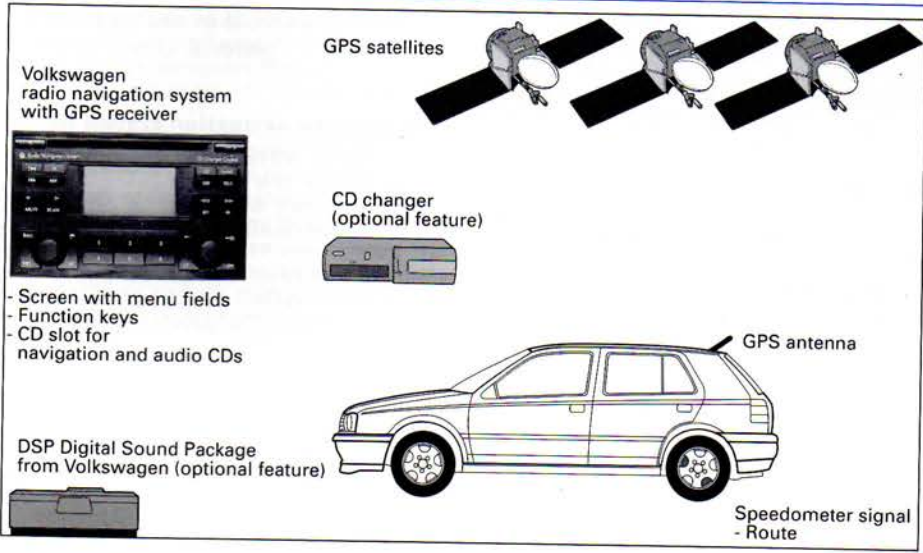
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The Volkswagen Radio Navigation System



The radio navigation system makes it very easy to handle the convenient features for radio, CD and navigation in your car. The system can also be fitted with an original Volkswagen 6-disc CD changer, a Digital Sound Package and, in the near future, a telematics module.

Navigation

The navigation system is your "intelligent passenger". With its help, you can reach your desired destination quickly, safely and conveniently without ever having to study complicated roadmaps. You can, for example, drive directly to the nearest filling station in an unfamiliar town. The system uses the data stored on the navigation CD to calculate the route to your destination. During route guidance, a number of different display modes provide you with visual driving recommendations, indicating, for example, where to turn off (direction and distance up to the turning point), information on

your estimated time of arrival, the remaining driving time and distance from your destination. In addition, the radio navigation system is able to deliver "spoken" driving recommendations.

How does the navigation system work?

The electronic speedometer signal and locating signals received from GPS (Global Positioning System) satellites are used to identify the current location of your vehicle. The speedometer signal measures the distance already covered. The information gathered is passed on to the navigation system and compared with the map data stored in the system memory.

Important information on traffic safety

Operating the radio navigation system while driving

The demands of today's traffic require the full attention of road users at all times.

Never operate such functions as navigation unless the traffic situation allows. Do not adjust any of the basic functions of the radio navigation system or enter your destination unless the vehicle is stationary.

The various volume settings should be selected so that acoustic signals from the outside, such as police or fire brigade sirens, can be heard easily at all times.

Always devote your attention primarily to driving! As a driver you bear full responsibility for road safety. Never operate the radio navigation system in a way that could interfere with your ability to maintain control over your vehicle in all traffic situations!

Notes on operating the navigation system

- The route calculated by the navigation system is a recommendation on how to best reach your destination. Traffic regulations always take priority over the recommendations made by the navigation system. Temporary changes in the traffic conditions, e.g. due to road works or one-way street regulations, are not recorded on the navigation CDs.
- Street and place names may change. It is possible that in rare cases the names stored on the CD are not the same as the names now used.
- Changing the vehicle tyres may temporarily result in less-than-perfect performance until the navigation system is able to determine the size of the new tyres.

Display

Parts of the display



The contents and menus shown in the display consist of the following standard fields:

Background - When the navigation system is active, the status of the functions for radio, CD or CD changer (audio sources) will appear at the top of the display. During radio or CD operation, the function which has been activated for navigation will appear here.

When a menu is on display, for navigation or the set-up, for example, the menu title will appear in this part of the display.

Foreground - The foreground displays the visual driving recommendations for active navigation. In the radio display, the station name or frequency will appear here, during CD operation, the **TRACK** and current track number.

Status field (for audio sources only) - the status field displays the currently active audio source or memory bank for the radio, the station preset key, the CD number, the active functions, e.g. **SCAN, INFO** and traffic information standby.

Display contents



The display contains information (here: navigation with visual driving recommendations and the active audio source FM1, station preset key 1) and menus.

Switching to night display

For night driving you can press key (16) to switch to the night display.

Screen care

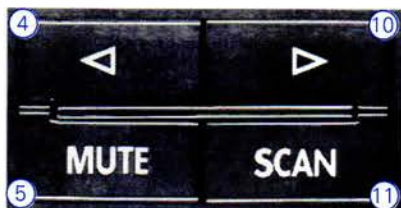
Always treat the screen with care as finger pressure may cause dents and contact with pointed objects may result in scratching.

Cleaning the screen

Fingerprints can be removed from the screen by rubbing over them gently with a soft cloth moistened with a little rubbing alcohol, if necessary.

Note: Never use any solvents such as petrol or turpentine as they will damage the material.

Mute



You can switch the audio output (radio, CD and CDC) of your radio navigation system to mute.

- Press key 5.

The currently active audio source will switch to mute. **AUDIO OFF** will appear in the display.

To cancel the mute function,

- Press any of the audio keys, the MUTE key 5 or adjust the volume control.

If you press key 5 during voice output from the navigation system, the current output will be interrupted. To switch off the voice output from the navigation system permanently, refer to Language in the Set-up menu for navigation.

INFO key



Press the INFO key ⑥ to obtain more detailed information.

- Press key ⑥.

Press key ⑥ to obtain more detailed information on the current destination or on abbreviated list entries marked by three dots.

After you press key ⑥, the current destination will appear in the foreground of the display when route guidance is active and the most recent spoken recommendation will be repeated.

If there is a list menu on display, you will see the list entries in more detailed form.

If there is more detailed information on your navigation CD, you can access this information in the "Travel Guide".

Telematics key



The telematics key **18** has been included so that your radio navigation system will be able to accommodate traffic telematics functions at a later date. Traffic telematics enables your radio navigation system to take any existing traffic congestion along the route into account and to calculate a detour.

If the telematics functions are not yet available, the following display will appear after you press key **18**:



Note: The telematics function is an optional feature. Please contact your Volkswagen service centre for more information on retrofitting your navigation system.


Alarm



If your radio navigation system should receive a disaster alert message, **ALARM** will appear in the display foreground as illustrated here or in the display background during active route guidance.

Any active audio sources will be interrupted and the radio source, which is receiving the disaster alert, will be given priority. The message will be played at the volume set for traffic messages, refer to page 26.

Once the message is finished, the system will automatically switch back to the last audio source which was active.

You can interrupt the message at any time by switching to a different audio source, selecting another radio station or pressing the TP key .

Telephone



If your vehicle is equipped with a car telephone system with hands-free operation (optional), the voice output will be emitted by the radio navigation system.

When the telephone is activated, the audio sources will switch to mute.

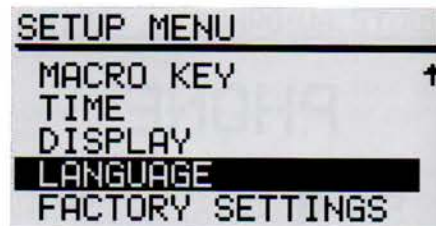
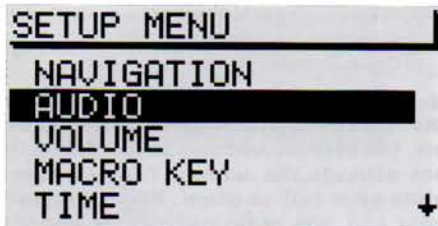
PHONE will appear in the display.

After the call has been completed, audio playback will resume.

Note: If the telephone is activated when the radio navigation system is switched off, the system will switch on. This will not activate the screen. You can complete your call as usual. When you end your call, the radio navigation system will switch off automatically.

Menus

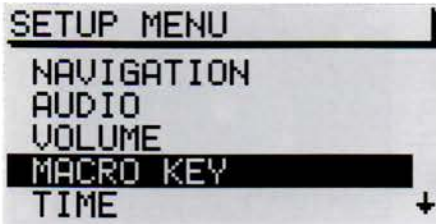
Menu structure



All of the basic functions of your radio navigation system can be adjusted in the Set-up menu. Menus are also used to make the adjustments for navigation and destination entry. The display contents in the menus are divided into menu items and menu titles. If a menu contains more than five items, all of the additional items will not appear in the display.

Menus like these are marked by an arrow in the lower right-hand corner. You can view the additional menu items by moving the selection bar to the second-last or second menu item on the list. When you turn the right-hand rotary/pushbutton (29) another notch, the selection bar will remain at this point. The other menu items will now appear.

How to select menu items

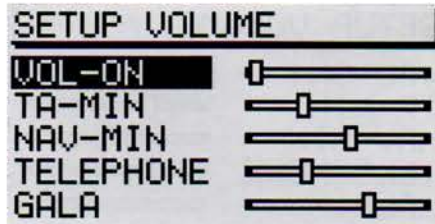


The right-hand rotary/pushbutton (29) is used to select menu items.

Turn the button clockwise to move the selection bar up and counter-clockwise to move it down. The menu item selected (here: MACRO KEY) will be highlighted.

To confirm your selection,

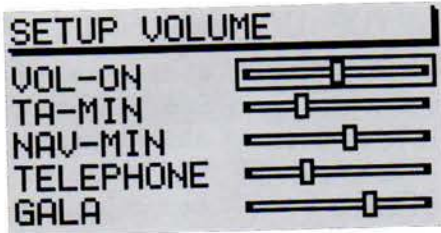
- Press the right-hand rotary/pushbutton.



Once you have confirmed your selection, the next submenu will appear. The selection bar will be positioned on the first menu item. The title of the menu will appear in the menu title. Use the right-hand rotary/pushbutton to mark and confirm the menu item you want to select.

Now you can make your adjustments to the setting (here: VOL-ON).

How to adjust the settings



The control slider will appear in a frame, use the right-hand rotary/pushbutton to make your adjustments. Press the button to switch between ON/OFF or other selections while the option is selected.

If you want to save the new setting,

- Press the right-hand rotary/pushbutton.

How to quit the menus



If you do **not** want to save the new setting,

- Press key 21.

If you want to return to the previous menu,

- Press key 21 again.

To quit the main menu, select another function, e.g. FM or CD.

Set-up - Basic Settings

Set-up - Navigation

```
SETUP NAVIGATION
INFO ARRIVAL TIME
LANGUAGE ON/OFF
REMEMB. DEST. ON/OFF
DRIVE SYMB. ON/OFF
LOCATION
```

The Set-up menu for navigation is used to make system settings for the equipment for navigation.

INFO - Here you can select the type of time display you prefer for active route guidance:

- **ARRIVAL TIME** - displays the estimated time of arrival at your destination.

- **TRAVEL TIME** - displays the remaining driving time to your destination.

LANGUAGE - If you prefer route guidance without voice output, switch this setting to **OFF**. If the voice output is deactivated, route guidance will use only the visual driving recommendations which appear in the display or in the instrument cluster.

REMEMB. DEST. - switches the automatic save function for the last 10 destinations on or off.

DRIVE SYMB. - If you want to display the visual driving recommendations in the instrument cluster only (depends on the model), then switch this setting to **OFF**.

LOCATION - If it is not possible to pick up the GPS signals, you can enter your vehicle location here manually.

Set-up - Audio

```
SETUP AUDIO
RDS NAME   FIX/VAR
RDS REG    AUTO/OFF
CD-MIX     DISC/MAG
MUSIC/SP.  AUTO/OFF
```

The Set-up menu for audio is used to make equipment settings for audio operation.

RDS NAME - Some RDS radio stations use RDS to transmit not only their names, but advertising messages as well. Use this setting to determine whether you want the name of the radio station displayed permanently on the screen or whether changing messages, such as advertising, should also be displayed.

- Select **FIX** to display the radio station name only. This setting will not be active until you recall the station concerned from the memory bank.
- Activate **VAR** to allow all of the texts transmitted with RDS to appear in the display.

RDS REG - Select this setting to allow the radio navigation system to switch to RDS stations which broadcast a different regional program than the one you are currently listening to. This can become necessary when reception is so weak that the radio can no longer tune into the station selected, refer to page 38.

- **AUTO** - If you select this setting the radio will switch to other regional frequencies in the broadcasting network if the reception for the current station deteriorates beyond a certain point.
- **OFF** - You can select another regional program manually. The radio will not switch automatically.

CD-MIX - Use this setting to select the Mix function for CD playback.

- Select **DISC** if you want to playback all of the tracks on the active CD in random order and then all of the tracks of another CD selected in random order.
- Select **MAGAZINE** if you want to playback all of the tracks on all of the CDs in random order (only available in connection with a CD changer).

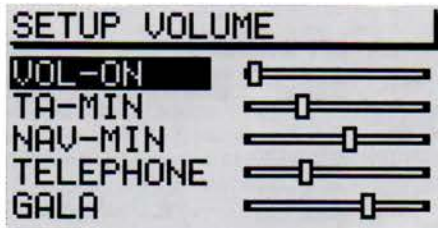
MUSIC/SP. - RDS stations are also able to transmit a signal which switches the frequency response of your radio navigation system to speech reproduction when such programs are broadcast; this signal cuts the treble sound, for example. This makes the speech more distinct and easier to listen to. This applies in particular to vehicles equipped with DSP (optional feature).

- **AUTO** - The frequency response will automatically switch to speech playback when the corresponding signal is received.

- Select **OFF** if you do not want to use this feature.

Please note that this function is not yet supported by all RDS radio stations. As a result, it is not always possible to determine an improvement in speech quality when the function is activated.

Set-up - Volume



VOL-ON - sets the power-on volume for the system. Adjust the lever to the desired volume level. The current volume will also change when this adjustment is made.

Note: If the volume selected last was very quiet or very loud, the system will play at the pre-selected volume the next time it is switched on.

If the VOL-ON setting is moved to the extreme right the power-on volume will be very loud. This could result in damage to your hearing.

TA-MIN - the minimum volume for traffic messages.

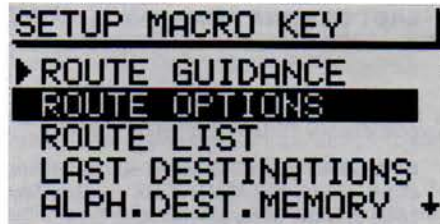
NAV-MIN - Use this setting to adjust the minimum volume for voice output during navigation.

Note: If the volume for the system is adjusted to a louder level than the TA-MIN or NAV-MIN when a traffic message is broadcast or voice output transmitted, then the message or output will be emitted at this volume.

TELEPHONE - If your vehicle is equipped with a Volkswagen car phone system, you will hear your calls over the radio navigation system. Here you can select the volume at which your calls will be emitted over the car speaker system.

GALA - The volume of your radio navigation system will increase automatically as your driving speed and the accompanying noise inside the vehicle increases. Use this setting to adjust the desired level.

Set-up - Macro Key (20)



You can allocate a specific function to the macro key (20).

The following functions are available:

- **ROUTE GUIDANCE** activates the route guidance function if a destination has already been entered.
- **ROUTE OPTIONS** activates the menu used to select the options for route calculation.

- **ROUTE LIST** activates the route list when route guidance is active.
- **LAST DESTINATIONS** displays the contents of the "Last Dest." memory for navigation.
- **ALPH.DEST.MEMORY** activates the alphabetically sorted destination memory.
- **GPS STATUS** indicates the number of satellites which the system can currently receive and the geographical position.
- **TOGGLE TIME INFO** allows you to switch between arrival time and remaining travelling time in the information window.
- **SHOW LOCATION**, route guidance indicates the direction of travel leading to your destination and the name of the street you are currently travelling on, if applicable.

When you activate this menu, the selection bar marks **ROUTE GUIDANCE**. The selection allocated to the macro key is marked by a triangle.

Set-up - Time

```
SETUP TIME
GPS TIME    14:06
TIME ZONE   + 1
DAYL. SAV.  ON/OFF
SYS. TIME   15:06
```

Use this menu to adjust the settings for the system clock. The **GPS TIME** menu item cannot be adjusted. It calculates the time for the system clock using GPS reception. If GPS time is available, it is not possible to adjust the clock manually.

TIME ZONE - Here you can enter the time by which the time zone in which you are located

deviates from Central European Time (CET). For Germany, enter a standard value of +1.

DAYL. SAV. - Select **ON** if you are located in a country where daylight savings time is in effect at the time you adjust the clock.

SYS. TIME - Use the right-hand rotary/push-button to select **SYS. TIME** and press it to confirm. Now you can turn the button to alter the hours. To switch to the minutes, press the right-hand rotary/pushbutton again. Turn the right-hand rotary/pushbutton to alter the minutes and press it to save your changes and quit the menu.

Note: You cannot alter the system time unless GPS time is not available.

The time zone and summer time must be adjusted manually.

Set-up - Language



- ENGLISH (METRIC),
measurements in metres
- ESPAÑOL
- FRANÇAIS
- ITALIANO
- NEDERLANDS.

You can choose from among several different languages for the display texts and the voice output.

The following languages are available:

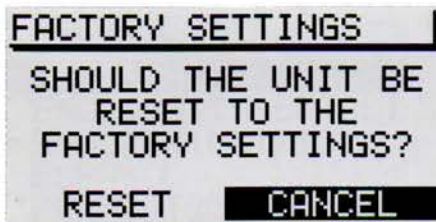
- DEUTSCH
- ENGLISH (IMPERIAL),
measurements in yards

Set-up - Display



Use this menu to adjust the contrast for the display.

Set-up - Factory Settings



Use this menu to reset all of the settings made in the set-up menu and the audio settings to the original factory settings. The only exceptions are the language settings and the calibration.

If you select and confirm the menu item for **FACTORY SETTINGS** in the main set-up menu, a submenu will appear in which you are required to confirm your selection again. The settings will not be reset to the factory settings until you select **RESET** and confirm this selection. The radio navigation system will switch off briefly and then switch on again.

If the navigation CD is inserted in the system, it is also possible to delete the destinations stored. If you want to select this option; mark **DELETE** in the submenu. If you do not want to delete the destinations, select **CANCEL**.

Theft protection system

Anti-theft coding

ENTER CODE

SAFE

The anti-theft coding of your radio navigation system ensures that the system cannot be operated by unauthorised persons after it has been disconnected from its power supply.

It is necessary to enter the security code after the vehicle battery has been disconnected, after the system has been disconnected from the vehicle power supply and after the fuse has blown.

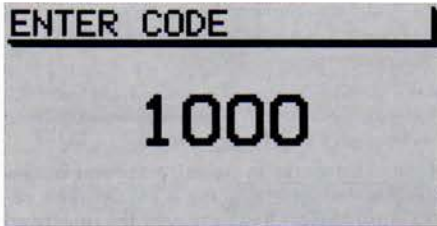
In these cases, **SAFE** will appear in the display when the system is switched on.

The code number can be found on a sticker along with the unit number in the front of the instruction manual.

Make sure to remove the Radio Card from the manual and keep it in a safe place **outside** of the vehicle.

Note: The code is usually stored in the instrument cluster. As a result, the radio navigation system will be decoded automatically (convenient coding). It is normally not necessary to enter the code manually.

Deactivating the anti-theft coding



The electronic locking system can be deactivated by entering the correct code number.

Proceed as follows:

- Switch the system on.

SAFE will appear in the display. After 2 seconds, you will be prompted to enter the code number. **1000** will appear in the display.

- Press station key 1 repeatedly until the first digit in the code appears in the display.
- Press station key 2 to enter the second digit.
- Press station keys 3 and 4 to enter the third and fourth digits.
- After you have entered the complete code press the right-hand rotary/pushbutton, (10) or (19) for at least 2 seconds.

What to do is you enter the incorrect code

If you enter and confirm an incorrect code by mistake, **SAFE** will appear in the display again, first the letters will flash and then light up permanently. The following message will appear in the status line in the display:

WRONG TRIES: 1

Now enter the code number again.

If an incorrect code number is entered a second time, the system will switch to lock for one hour. It is not possible to try and enter the code number until this hour has elapsed. During this time, leave the system switched on and the ignition key in the ignition.

After an hour, you can enter the code number again. If an incorrect code number is entered again twice in succession, the system will switch to lock for another hour.

Note: If you have lost your Radio Card, contact a Volkswagen Service Centre.

Switching the system on and off

Switching the system on



- Press the rotary/pushbutton (23) to switch the system on.

Note: If the system does not begin to play and "SAFE" appears on the display after you have switched it on, please refer to the operating instructions on page 34.

The system will switch to either the audio source or navigation mode (if the last route guidance

took place no longer than 30 minutes ago) used last before the system was switched off.

With the ignition key removed, the system can be switched on for approx. one hour by pressing the left-hand rotary/pushbutton. The system will then switch off automatically to prevent running down the vehicle battery. This process may be repeated as often as required.

If the system is switched off and the key removed from the ignition, a light diode will soon begin to flash to indicate that the theft-protection system has been activated.

Switching the system off

Press the left-hand rotary/pushbutton. The system will store the active audio source and the navigation status.

If the key is removed from the ignition while the system is switched on, it will switch off automatically.

Radio Operation

Radio Operation with RDS

RDS (Radio Data System)

The RDS (Radio Data System) function is always active for the radio navigation system.

An increasing number of FM radio stations now transmit RDS information in addition to their usual programming. This information is received and evaluated by the RDS receiver.

This information includes such things as the station name and traffic information status of the station selected.

Alternate frequency

The alternate frequency function ensures that the radio automatically switches to the best frequency for the station selected.

The radio might switch to mute very briefly while the system is looking for the frequency with the best reception.

If it is not possible to find an alternate frequency for the station currently playing and the reception for this station begins to deteriorate, please select another station.

RDS - Regional

Many radio stations broadcast regional programs at certain times of the day. The first program broadcast by the NDR radio station, for example, sometimes transmits regional programming with different contents for Schleswig-Holstein, Hamburg and Lower Saxony, states in northern Germany.

First the system will only attempt to find alternate frequencies for the selected station.

However, if the reception quality of the station deteriorates to the point that the radio will "lose" the program, the system will also switch to frequencies of "related" stations in the NDR1 broadcasting network. Because different programs are broadcast at certain times of the day, this might mean that the radio switches to a different program.

Switching between regional programs broadcast by the same station network

In most cases, the radio will only switch to frequencies for the same program. However, if reception becomes poor, the radio might automatically switch to a different regional program in the same network.

In the **Set-up menu - Audio**, you can switch the **RDS REG** function to "auto" or "off". For more information, refer to the section on the Set-up menu - Audio on page 24.

AUTO - Select this setting to allow the radio to switch automatically to other regional programs when reception begins to deteriorate.

OFF - A different regional program can be selected manually. The radio will not switch automatically.

Switching on radio operation



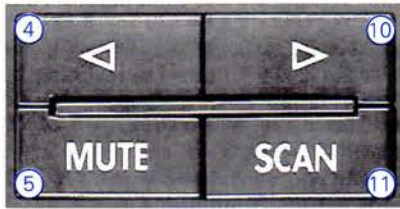
- FM on two levels (FM1 and FM2)
- Press FM (3) to activate FM radio operation. To switch between FM1 and FM2, press FM (3) again.
- Traffic information stations on memory bank 1 and 2 (TP1 and TP2)
- Press TP (8).

- MW (medium-wave) on two levels (AM1 and AM2)
- Press AM (9).

Press one of the keys to switch to radio operation in the desired mode. The radio will automatically select the memory bank used last. The station played last will begin to play if it is within reception range.

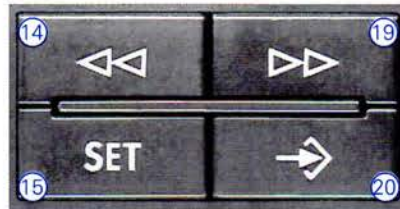
Note: If you switch from the FM mode to the TP mode and vice versa, the radio station playing will be transferred to the level selected.

Selecting Radio Stations



Selecting FM, TP and AM radio stations manually

- Press key 4 or 10 briefly to select a radio station manually. Each time you press the key, the frequency will move up or down the waveband step by step.



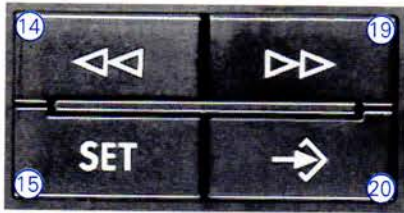
Paging through the FM and TP broadcasting networks

You can press key 14 and 19 to retrieve RDS radio stations in your reception range directly. If it is possible to pick up several stations in the same broadcasting network, you can press key 19 to page forwards and key 14 to page backwards through the broadcasting network.

The northern German radio station network (NDR) with its stations NDR 1, 2, 3, 4 and N-JOY is an example of a broadcasting network.

Automatic station seek tuning for AM radio

If you hold key 14 or 19 pressed down, this will accelerate station seek tuning to the next station.



- Press key 14 to start station seek tuning down or key 19 up the waveband. The radio will automatically tune into the next or the previous radio station and begin to play.

Storing and Retrieving Radio Stations



Storing radio stations

You can store 6 radio stations for each waveband (FM, TP and AM) on each memory level.

- Press key ③, ⑧ or ⑨ to select the desired waveband and memory level.
- Select the station you would like to store.

- Hold the station key on which you want to store the station pressed down until the radio switches to mute.

Retrieving stored radio stations

You can retrieve any of the stations you have stored at the touch of a button.

- Press key ③, ⑧ or ⑨ to select the desired waveband and memory level.
- Briefly press the station key on which the station has been stored.

If it is no longer possible to pick up a TP station which has been stored, **TP SEEK** will appear in the display when you press this key. This will activate the seek tuning function and the radio will switch to mute. If it is not possible to pick up any TP stations, you will hear a beep and **PRESS FM** will appear in the display.

- Then press key ③.

Storing Radio Stations Automatically

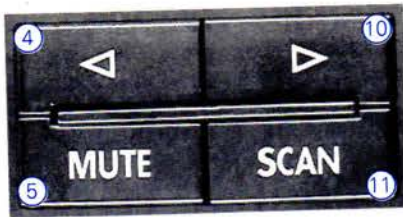


Use the Autostore function to automatically store the six radio stations with the strongest reception signals in your range of reception on any of the wavebands (FM, TP or AM). This function is particularly useful on longer trips.

- Select the memory level on which you want to automatically store the stations.
- Hold the AS key (24) pressed down until the automatic storage process has begun and **AUTOSTORE** appears in the foreground of the display.

The stations with the strongest signals will be stored automatically on memory level 2 of the waveband selected (FM2, TP2 or AM2). The order that the stations are stored in depends on their station codes.

Radio Scan



You can use Radio Scan to scan all of the stations within your reception range for five seconds each.

- Select the waveband you want to scan.
- Press SCAN (11) briefly.
- Press SCAN (11) again to continue listening to the station currently being scanned.

If you do not select any of the stations, scan seek tuning will begin again after the waveband has run through completely.

To end scan seek tuning:

- Press SCAN (11).

Traffic Information Radio

Many FM radio stations broadcast current traffic information for their transmitting areas at regular intervals.

Radio stations which broadcast traffic information transmit a special signal that your RNS can identify and analyse. When you tune into a station, the system determines whether or not it transmits traffic messages.

If the radio station you have selected is a traffic information station, **TP** (Traffic Program) will appear in the status line of the radio menu.

Listening to traffic messages

If you have set your radio navigation system to stand-by to receive traffic messages, the messages will be "put through". This means that any other audio source, such as a CD player, will be interrupted for the duration of the traffic message.

Note: The stand-by mode for traffic information will not be activated unless the CD player or CD changer was activated from the TP level.

At the same time, the message will be stored in the Traffic Info Memory (TIM). When the message is over, the audio source previously in operation will begin to play once again.

The messages are emitted at a pre-set volume: TA-MIN. This volume can be adjusted in the Set-up menu - Volume, refer to page 26. You can turn the left-hand rotary/pushbutton to adjust the volume at any time during the message.

Traffic information stand-by



To switch traffic information stand-by on or off

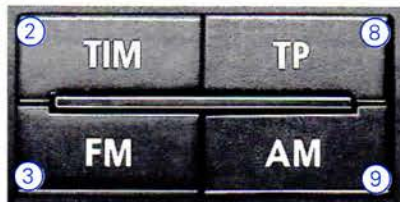
- Activate the CD player or CD changer from the TP level only. Before you do this, you must tune into a traffic information radio station.

All of the traffic messages received will now be put through.

Interrupting the current traffic message

- Press TP **8** briefly during a message to interrupt the message. The system will remain on stand-by for any following messages.

Traffic Information Memory (TIM)



You can use your radio navigation system to record the traffic messages received over a period of 2 to 24 hours. Up to nine traffic messages with a total length of four minutes will be recorded automatically.

While in operation, the system will always record traffic messages if it is tuned into a TP radio station, even if you press the TP key to interrupt the current message. However, an interrupted message will not be recorded if you are tuned into an EON station such as "NDR 4".

When the system has been switched off, messages will still be recorded if you have activated the TIM function.

Activating the 24-hour TIM stand-by function

- After you switch the system off and remove the ignition key from the ignition, press TIM ² for one second.

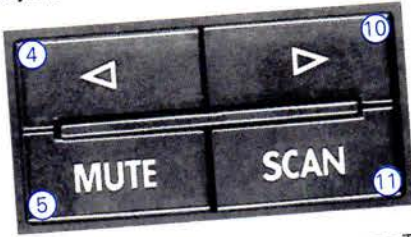
Activating the 2-hour TIM stand-by function

- When the system is switched off and the vehicle stationary, remove the ignition key from the ignition. A TP level must be activated beforehand.

The stand-by recording function is deactivated when you switch on the system again.

Note: If the memory is full, the system will record over the oldest message. If a message is longer than four minutes, the system will record over the beginning.

Playing recorded messages



- After switching on the system, press TIM (2).

The TIM display will appear. **TRACK** will appear in the foreground along with the number of the message recorded last. The message recorded last has the highest number, the oldest message the lowest number. In addition to the audio source, the status line displays the playing time of the message.

If no messages have been recorded, **NO MESSAGE** will appear in the display foreground.

Note: If you activate TIM from the route guidance menu, you can press NAVI to return to this menu.

Selecting recorded messages

- Press key (4) or (10) while the messages are being played to listen to the next or previous message.

Fast forward, audible

- To fast forward through a message, press key (19) or (14) while the message is playing.

Deleting traffic messages

All traffic messages will be deleted automatically six hours after the system is no longer set to stand-by.

Switching off the TIM function

- Press key ② once again to switch off the TIM function. The function will switch off automatically after all of the messages have been played.

Note: If you activate TIM from the route guidance menu, you can press NAVI to return to this menu.

CD Operation

Built-in CD Drive

Your radio navigation system can also play back audio CDs in the built-in CD drive. In addition, you can also connect a CD changer (available optionally, refer to page 52).

Note: You can play audio CDs on the built-in CD drive when the navigation function has not been activated or when you are using NO MAP route guidance. This type of route guidance indicates the travelling direction and the remaining distance to your selected destination as the crow flies.

Inserting a CD (built-in CD drive)

Insert an audio CD with the label facing upwards into the CD slot of the radio navigation system until you feel the system pull it into the slot automatically. Never use force to insert a CD.

After the CD is pulled into the CD drive, the radio navigation system will switch to CD playback automatically. The system will require a few seconds to begin playback and will start with the first track on the CD.

TRACK and the track number will appear in the foreground of the display.

Starting CD operation (built-in CD drive)

- If there is already a CD inserted in the drive, press CD **12**. Playback will begin where it left off the last time the system was used. If the CD played until the end, it will start again at the beginning.

Note: If a CD changer has been connected, the system will switch to the CD changer first when you press key **12.**

CD Functions (Built-in CD Drive)

Selecting tracks

- Press key 10 to select the next track and key 4 to select the previous track.

Cue and review (audible)

- To start this function, press down and hold key 14 for review (reverse) or key 19 for cue (fast forward) as necessary.

CD Scan

Use this function to scan all of the tracks on a CD for 10 seconds each.

- Press SCAN 11. All of the tracks will be scanned in ascending order. **SCAN** will appear in the display.
- To continue listening to the track being scanned, press key 11 again.

Listening to all of the tracks on a CD in random order

You can have all of the tracks on a CD played in random order.

- Press MIX 7 to start the Mix function. **MIX** will appear in the centre of the status line in the display.
- Press key 7 again to end the Mix function. The next track in the regular sequence will begin to play.

Removing a CD from the CD drive

- Press key 1; the CD will eject. Remove it carefully from the CD slot.

Ending the CD function

To end the CD function,

- Press key 2, 3, 8 or 9 to select a different audio source or eject the CD from the CD drive.

CD Changer Operation (optional)



Switching on CD changer operation

- Press key CD ¹² with the radio navigation system switched on.

The CD changer will begin to play. It will automatically select the last track played on the last CD played. **TRACK** and the track number will appear in the foreground of the display.

CDC (CD changer) will appear as the audio source in the status line along with the number of the CD currently playing.

If you have not inserted a CD magazine or if the CD magazine has not been inserted correctly, **NO MAG** will appear in the display.

Note: If there is no CD changer connected to the system, the built-in CD drive will be activated when you press key ¹² as long as you have inserted an audio CD into the unit.

Selecting a CD

- Briefly press one of the station keys (26). The number of the station key corresponds to the number of the CD in the magazine.

Selecting tracks

- Briefly press key (10) to select the next track of the CD currently playing.
- If you would like to listen to the previous track, press key (4) twice within one second. If you press key (4) only once, the track currently playing will start again from the beginning.

Cue and review (audible)

- To start this function, press down and hold key (14) for review (reverse) or key (19) for cue (fast forward) as necessary. The CD will play audibly at an accelerated speed.

CD Scan

Use this function to scan all of the tracks for 10 seconds each.

- To start the scan function, press SCAN (11).
- To end the scan function, press key (11) again.

Listening to all of the tracks in random order



You can have all of the tracks played in random order. Select the Mix function for a single CD or for all of the tracks on the CDs in the magazine. Make the necessary settings in the Set-up menu - Audio. Refer to Set-up menu - Audio: CD-MIX, page 25.

- Press MIX (7). The tracks will be played back in random order.

To end the function:

- Press key (7) again to end the Mix function.

Switching off CD changer operation

To switch off the CD changer

- Select a different audio source or
- Press Eject on the CD changer to eject the CD magazine. The system will then switch over to the radio.

Notes on Audio CDs



CD labelling

Make sure that you use only those audio CDs which bear the symbol illustrated above.

Skips in CD playback

CD playback might begin to skip when you drive along particularly uneven roads.

In this case, it is advisable to switch off CD playback until the driving conditions improve.

Condensation

During cold or very humid weather, such as during or shortly after a rain shower, condensation might form on the CD. As a result, the system might not be able to play the CD or it might start skipping. In this case, either remove the CD or leave the sliding door of the CD changer open until the condensation has evaporated.

Cleaning CDs

To clean your CDs use a soft, lint-free cloth. Wipe the CD from the centre in a straight line to the outside edge.

Note: Never use rubbing alcohol, petrol, solvents of any kind or record cleaner to clean your CDs.

Tone

Adjusting the tone



Use the tone menu to adjust the treble, bass, balance (left/right) and fader (front/rear).

The treble and the bass can be adjusted and stored separately for each audio source. The balance and fader settings apply to all of the sources.

The fader cannot be adjusted unless there are speakers mounted in the rear of the vehicle.

- Press key 28 to access the tone menu.
- Use the right-hand rotary/pushbutton 29 to select the function you want to alter (**BASS**, **TREBLE**, **BALANCE** or **FADER**) and confirm your selection. The active function will appear in a frame.
- Use the right-hand rotary/pushbutton 29 to adjust the current setting.
- Press the right-hand rotary/pushbutton 29 to store the new setting. Press key 21 to reset the setting.
- After you have completed all of your adjustments, press 21 or one of the audio source keys to quit the tone menu.

Digital Sound Package (DSP)



If you own a vehicle equipped with a Digital Sound Package, you can adjust the sound quality inside your vehicle. You can use this feature to adjust the sound to satisfy your own personal preferences.

- Press key 13 to access the DSP menu.

Select one of the following sound options:

- **LINEAR (unmodified playback)**
- **POP**
- **ROCK**
- **CLASSIC**
- **JAZZ**

DRIVER - If you activate the Driver option, the sound in the vehicle will be adjusted ideally for the driver's position.

DYNAMIC - Use this option to activate dynamic sound adjustment in your vehicle.

Note: Refer to the DSP operating instructions for more information on making adjustments to DSP and the effects on the sound quality in your vehicle. It contains all of the information you require to adjust the sound ideally to satisfy your own personal preferences. Also refer to Set-up Audio, Music/Sp., page 25.



Activating the main navigation menu

- Press NAVI 17.

If you have not yet entered a destination, the selection bar will highlight the **SHOW LOCATION** menu item.

If you have entered a destination, the selection bar will highlight the **ROUTE GUIDANCE** menu item.

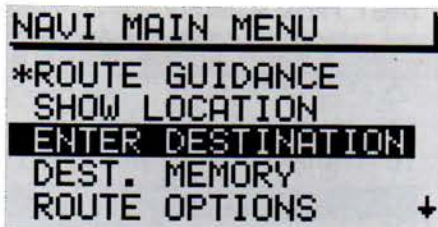
Note: Press NAVI 17 to return to the main navigation menu from all of the submenus, lists and other displays.

If you press NAVI while route guidance is active, you can toggle between route guidance or show location and the main navigation menu.

Activating submenus, selecting options

- Use the right-hand rotary/pushbutton 29 to mark the menu item you want to select and press the right-hand rotary/pushbutton to confirm your selection.

Main Navigation Menu



Note: The menu items which are not available for selection are marked by an asterisk.

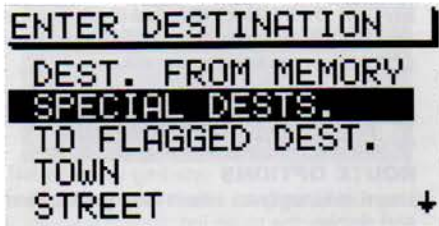
- **ROUTE GUIDANCE** (starting on page 87). After you have entered a destination, route guidance will begin and you will be guided to your selected destination.
- **SHOW LOCATION** (page 90). Route guidance in the Show Location mode is a compass function. It points due north and also

indicates the road on which you are currently travelling, if applicable.

- **ENTER DESTINATION** (starting on page 60). The destination is entered either manually or from the destination memory.
- **DEST. MEMORY** (starting on page 94). Stores, edits and deletes destinations in the destination memory.
- **ROUTE OPTIONS** (starting on page 84). Use this function to select the route options and display the route list.
- **TRAVEL GUIDE** (starting on page 101). Use this function to access travel information (such as prices for accommodation in hotels) at specific destinations and to select these destinations. If you are using a CD-ROM with only one travel guide, then the actual name of the travel guide will appear here.
- **GPS STATUS**. The number of GPS satellites which the system can currently receive and the geographical location appear here.

Destination Entry

Overview



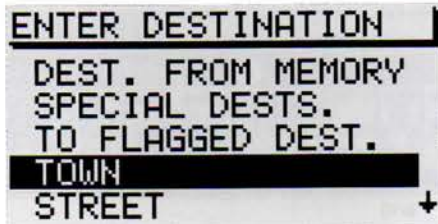
Select the menu item marked **ENTER DESTINATION** to access the destination entry menu directly from the main navigation menu.

Now you can select from the following menu items to enter your destination:

- **DEST. FROM MEMORY** (memory for the last destinations, alphabetical destination memory and destination memory sorted by the user), refer to page 75.
- **SPECIAL DESTS.**, refer to page 71.
- **TO FLAGGED DEST.**, refer to page 80.
- **TOWN** (and Town submenu), refer to page 61.
- **STREET** (and Intersection), refer to page 66.
- **TOWN CENTRE**, refer to page 69.

Destination Entry - Town

Selecting a town as your destination



Select the **TOWN** menu item to select the town or city for your destination and then use the Town submenu to define your destination more closely.

Use the following menu items in the Town submenu:

- Destination entry via the **STREET** menu item
- Destination entry via the **TOWN CENTRE** menu item

Selecting the **TOWN** menu item

- Use the right-hand rotary/pushbutton (29) to mark the **TOWN** menu item and press it to confirm your selection.

The Editor



Use the editor to help you make all of the alphanumeric entries required for navigation.

These include:

- Entering the names of towns or streets for your destination,
- Entering a short name when storing a destination in the destination memory,

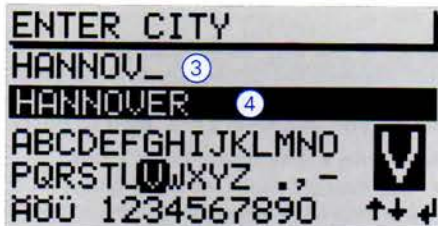
- Entering a location name for a flagged destination.

The editor menu consists of:

- the speller ① with letters, a blank space and digits,
- the following 3 arrows ↑, ↓ and ← ②,
- the editing field with a standard name or the cursor mark ③,
- a section with the list entry (editing list) ④ and
- the zoom window ⑤, which displays the character marked in magnified form.

The cursor in the speller will first highlight the letter **A**.

Entering a City Name



Enter the first letter of the city name in the edit field (3). With each letter you enter, the list will automatically move to the corresponding entry on the list and display it in the editing list (4).

This feature allows you to find the city/town you are looking for quickly without having to enter the complete name.

- Use the right-hand rotary/pushbutton (29) to mark the letter you want to select. Move the cursor to the desired letter. The letter will appear in the zoom window in magnified form.
- Press the right-hand rotary/pushbutton (29) briefly to confirm your selection.

The corresponding letter will appear in the editing field. At the same time, the input cursor will move one space to the right. The next corresponding entry on the editing list will appear.

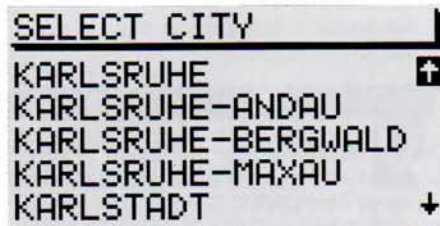
Repeat these steps as often as necessary.

Note: If you enter an incorrect letter, you can use the key marked ← (27) to delete it.

Then select the correct letter.

Use the arrows ↑ and ↓ to access special characters other than those on display.

Accessing the List



Use the list to select the city you want to enter as your destination.

There are two ways to access the list from the edit menu.

- Press the right-hand rotary/pushbutton (29) for longer than 2 seconds or

- Use the right-hand rotary/pushbutton (29) to mark \uparrow and press it to confirm your selection.

Note: If the city name you want to select appears on the list more than once, the system will open a submenu from which you can select the desired entry.

Selecting a city name from a list

- Use the right-hand rotary/pushbutton (29) to mark the entry you want to select and press it to confirm.

Paging through the list: Turn the right-hand rotary/pushbutton (29) to move the selection bar to the arrow and then beyond the first or last entry.

To scroll through the list page by page, move the selection bar to mark the arrow and then press the right-hand rotary/pushbutton (29).

Press the Info key (6) to display an abbreviated list entry followed by ... in its full length.

Entering your Exact Destination

ADDRESS ENTRY

STREET

TOWN CENTRE

CLOSE TO ADDRESS

The **ADDRESS ENTRY** submenu will appear once you have entered a destination town.

Use this menu to define your destination more exactly.

- **STREET** - allows you to enter a street and then an intersection in cities with more than 50,000 inhabitants. This depends on the CD-ROM you are using (refer to the CD book).

- **TOWN CENTRE** - appears for towns with fewer than 50,000 inhabitants if it is not possible to use the **STREET** menu item. This depends on the CD-ROM you are using. In this case, you can select digitised town centres as your destination instead.

- **CLOSE TO ADDRESS** - allows you to select your destination from different categories, such as motorway access points or shopping centres. This function will not be available unless the corresponding information has been stored on the navigation CD. Destinations close to the address can also be located outside of the city/town entered as a destination. The possible destinations which are close to the address entered are displayed along with their distance from the destination.

Selecting a Street as the Destination



Use the **STREET** menu item to select the desired street and then the street submenu to define the destination address more precisely.

Selecting the **STREET** menu item

- In the destination entry menu or in the submenu for entering the city, use the right-hand rotary/pushbutton (29) to mark the **STREET** menu item and press it to confirm your selection.

One of the following displays will then appear:

- A street list (if there are no more than 20 digitised streets in the destination town) or
- The edit menu if there are more than 20 entries.

Entering the street name in the edit menu

- Enter the street name in the editing field in the edit menu.
- Then hold the right-hand rotary/pushbutton (29) pressed down for a moment to access the list or
- Use the right-hand rotary/pushbutton (29) to mark ↕ and confirm your selection.

Selecting the Street from a List



Scroll through the list by moving the selection bar beyond the last entry (paging forwards) or the first entry (paging backwards).

- Use the right-hand rotary/pushbutton (29) to mark the desired entry and press the rotary/pushbutton to confirm your selection.

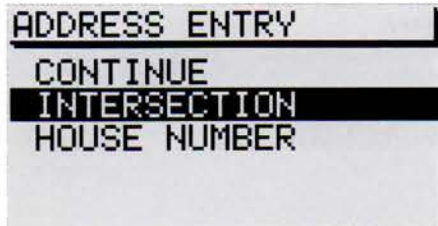
The system will access the street submenu.

Note: If the street name you want to select appears on the list more than once, the system will open a submenu from which you can select the desired entry.

A longer street name may be stored more than once to make it easier for you to find, e.g.

RAABE-WEG, WILHELM-
WILHELM-RAABE-WEG.

Selecting an Intersection as the Destination



You can define your destination address more precisely in the street submenu:

- **INTERSECTION** - activates the edit menu/the list from which you can select an intersection.

- **HOUSE NUMBER** - activates the edit menu/the list from which you can select a house number or block of house numbers.

Note: If it is not possible to mark the HOUSE NUMBER menu item, then the CD-ROM has no information on house numbers.

- **CONTINUE** - ends the entry of the address and activates the main navigation menu.

Once you have pressed **CONTINUE**, you have completed destination entry at this point. You can start route guidance to the street entered, refer to page 87.

Destination Entry - Town Centre

Selecting a Town Centre (Part of Town)



You can use the **TOWN CENTRE** menu item to enter the centre of a part of the town as your destination in larger cities.

In cities with fewer than 50,000 inhabitants, this menu item is used to enter the actual town centre as your destination because the CD-ROM used does not support defining your des-

ination by entering a **STREET**. In this case, the **STREET** menu item will be marked by an asterisk*.

In larger cities, you can use the **TOWN CENTRE** menu item to select individual parts of the town directly.

Selecting the **TOWN CENTRE** menu item

- Use the right-hand rotary/pushbutton (29) to mark **TOWN CENTRE** in the destination entry menu and press it to confirm your selection.

One of the following displays will appear:

- The list (if there are no more than 20 possible centres) or
- The edit menu.

Selecting the Town Centre



- Enter the name of the part of town you want to select in the editing field or confirm an existing entry.
- Now access the list.
- Use the right-hand rotary/pushbutton (29) to mark the town centre you want to select from the list and confirm your selection.

Following this, the system will return to the main navigation menu.

Now you can start route guidance, refer to page 87.

Note: For larger cities, parts of the city will appear on the list, refer to page 69. If the city name (or city centre name) you want to select appears on the list more than once, the system will open a submenu from which you can select the desired entry.

Destination Entry - Special Destinations

Entering Special Destinations



SPECIAL DESTS.
SURROUNDING AREA
SUPRAREG. DESTS.
CLOSE TO ADDRESS
CLOSE TO LOCATION

You can also enter other types of destinations if you select **SPECIAL DESTS.** in the destination entry menu.

Special destinations include:

- Destinations in the **SURROUNDING AREA**

Use this menu item to display and select special destinations, e.g. car parks, in the destination town or city.

• SUPRAREGIONAL DESTINATIONS

Special destinations which appear under suprarregional destinations are not selected in connection with any destination already chosen. Use this function to select such points as a motorway service centre or an airport directly as your destination and start route guidance.

• Destinations **CLOSE TO ADDRESS**

These special destinations depend on the destination which has already been selected. Use this function to help you do such things as find a car park in a large city you are unfamiliar with.

• Destinations close to your current vehicle location (**CLOSE TO LOCATION**)

This type of special destination indicates destinations in your immediate current vicinity. Select this menu item if you are planning a stopover, e.g. at the next petrol station. If necessary, you can also find the nearest Volkswagen service centre quickly and easily.

-
- Use the right-hand rotary/pushbutton (29) to mark the type of special destination you want to select and press it to confirm your selection.

To enter the rest of the information required use the categories, which are stored in alphabetical order. These categories will vary depending on the type of special destination you have selected.

Categories can include:

- Motorway service
- VW dealership

As a rule, the system does not display any categories for which there is no information available on the CD-ROM. After you have selected the category, you can select your actual destination from the list in the edit menu.

Selecting the category



Note: If there are more than 20 entries for a category, an edit menu will appear first. Enter the name of the destination or the first letters and access the corresponding list.

- Use the right-hand rotary/pushbutton (29) to mark the entry you want to select and press it to confirm your selection.

A list will appear for the category selected.

Selecting an entry from the list

STATION

3.1 km LEHRE (BRAUN...
4.6 km SCHANDELAH
9.4 km BRAUNSCHWEI...
10 km KÖNIGSLUTTER
11 km BRAUNSCHWEI... +

- Select the entry you are looking for from the list by marking it and confirming your selection.

Following this, the system will return to the main navigation menu.

Now you can begin route guidance, refer to page 87.

Note: Press the INFO key **6** to display abbreviated entries marked by three dots (...) in their full length.

To do so, use the right-hand rotary/push-button **29** to mark the corresponding entry and press the INFO key **6**.

Destination Entry - From the Destination Memory

Entering a Destination from the Destination Memory



Activating the enter destination menu

To activate the destination entry menu, mark the menu item for **ENTER DESTINATION** in the main navigation menu and confirm your selection.

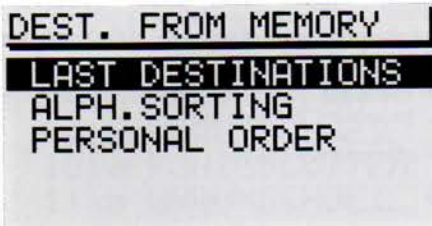
Selecting the **DEST. FROM MEMORY** menu item

When you activate the destination entry menu, the selection bar will highlight **DEST. FROM MEMORY**.

- Press the right-hand rotary/pushbutton (29) to confirm this selection.

A submenu will appear.

Selecting a Memory



- Use the right-hand rotary/pushbutton (29) to select the memory you want in the submenu and press it to confirm your selection.

The following selections are available:

- **LAST DESTINATIONS**
- **ALPH. SORTING**
- **PERSONAL ORDER**

Selecting a stored destination

Select one of the memories listed above. The name of the memory selected will appear in the menu line.

- Use the right-hand rotary/pushbutton (29) to mark the entry you want to select.
- Press the right-hand rotary/pushbutton (29) to confirm your selection.

Following this, the system will return to the main navigation menu. The destination selected is active.

Now you can begin route guidance, refer to page 87.

Storing a Destination in the Destination Memory

```
DEST. MEMORY
STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS
```

It is possible to store a destination you have entered in the destination memory so that you will be able to use it again at a later date.

A destination is stored in the **DEST. MEMORY**.

You can give the destination a short name (e.g. the first name of the person at that address).

This will enable you to find the destination more easily later.

Activate the destination memory menu directly by selecting **DEST. MEMORY** in the main navigation menu.

To use these stored destinations at a later date, they can be displayed in either the order in which they were stored or alphabetically. You can re-sort the order of the stored destinations at any time.

To enter a destination from the destination memory, you can also use the **LAST DESTINATIONS** memory. This memory automatically stores the last 10 destinations used for route guidance.

Note: When the memory can no longer accommodate any more destinations, the following message will appear: "Destination memory is full" and you will have to delete one or more destinations before any new ones will be stored.

Storing a Destination in the Memory

```
DEST. MEMORY
STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS
```

Use the function **STORE DESTINATION** to store the current destination in the destination memory.

- Press the right-hand rotary/pushbutton (29) to confirm the **STORE DESTINATION** menu item.

The edit menu will appear so that you can enter a short name for this destination.

Entering a short name

- Enter the short name in the edit field (e.g. HOME) by marking and confirming the letters one after the other with the right-hand rotary/pushbutton (29).
- Hold the right-hand rotary/pushbutton (29) pressed down for a moment to confirm the short name entered or
- Use the right-hand rotary/pushbutton (29) to mark + and press it to confirm your selection.

The destination has now been stored in the destination memory under the short name entered.

If you do not want to enter a short name, press the right-hand rotary/pushbutton (29) to quit the menu without entering a name.

Sorting the Destinations in the Memory Manually

```
DEST. MEMORY
STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS
```

If you use some destinations more frequently than others, it is advisable to store them, sorted according to the criteria you select.

- Press the right-hand rotary/pushbutton (29) to confirm the **SORT DESTINATIONS** menu item.

The memory will then appear with the destinations as you have sorted them.

- Use the right-hand rotary/pushbutton (29) to mark the destination you want to re-position. Press the right-hand rotary/pushbutton (29) to confirm your selection.

The entry selected will be marked indicating that it can now be moved.

- Turn the right-hand rotary/pushbutton (29) to move the marked destination to the new position.
- Press the right-hand rotary/pushbutton (29) to confirm the new position.

Destination Entry - To a Flagged Destination

Setting a Flagged Destination



A flagged destination marks the current location of your vehicle when you press the Flag key **25** during a trip using route guidance or the show location function. However, it is necessary to have the navigation CD inserted in the CD drive. This destination might be an interesting shop that you would like to come back to later.

- Press the Flag key **25**.

To confirm that a flagged destination has been set, **SET FLAG** will appear in the display along with the time and the geographical position.

You can also store a flagged destination in the destination memory and give it a short name immediately after you have set it. If you store the flagged destination in the destination memory, it will be available for route guidance at a later date.

Any flagged destination you have set will be overwritten the next time you press the Flag key **25**.

Storing a Flagged Destination

```
DEST. MEMORY
STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS
```

You can store the flagged destination permanently in the destination memory.

Activating the destination memory menu

Mark and confirm **DEST. MEMORY** in the main navigation menu to activate the destination memory menu.

Selecting the **STORE FLAG** menu item

- Use the right-hand rotary/pushbutton (29) to mark **STORE FLAG** and press it to confirm your selection.

Now the speller menu will appear so that you can also enter a short name for the flagged destination.

Naming the Flagged Destination



In the speller menu you can either confirm the standard name **FLAG DEST. (TIME)** or enter any short name of your choice.

Confirming the standard name:

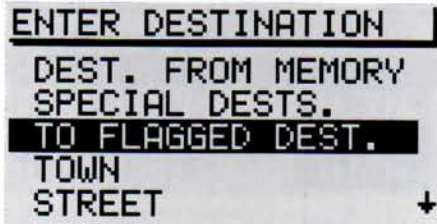
- Press the right-hand rotary/pushbutton (29) for longer than 2 seconds to confirm the entry as **FLAG DEST. (TIME)**.

Entering a short name of your own:

- Use the edit menu to enter a short name. The standard name will be deleted as soon as you enter the first letter.
- To confirm your entry, hold the right-hand rotary/pushbutton (29) pressed down for a moment.

The flagged destination will be stored under the given name in the destination memory.

Selecting a Flagged Destination as a Destination



Activating the destination entry menu
Mark and confirm **ENTER DESTINATION** in the main navigation menu to activate the destination entry menu.

Selecting the **TO FLAGGED DEST.** menu item

- Use the right-hand rotary/pushbutton (29) to mark the **TO FLAGGED DEST.** menu item in the destination memory menu and press it to confirm your selection.

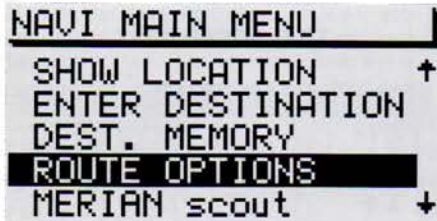
Following this, the main navigation menu will appear and route guidance is ready to start.

Now you can start route guidance, refer to page 87.

Note: There is only one destination stored in the flagged destination memory. Unless an existing flagged destination is stored in the alphabetical memory, it will always be deleted as soon as the Flag key (25) is pressed again.

Route Options

Planning a Route



After you have entered a destination, you can use the **ROUTE OPTIONS** menu item in the main navigation menu to plan the route and display the route calculated.

Selecting the Route Options function

- Use the right-hand rotary/pushbutton (29) to mark the **ROUTE OPTIONS** menu item in the main navigation menu and press it to confirm your selection.

Following this, the menu for the selection of the route options will appear.

Setting the Route Options



- Use the right-hand rotary/pushbutton (29) to mark the route option you want to alter.
- To select the alternative setting for the option, first mark the menu item concerned and then press the right-hand rotary/pushbutton (29).

ROUTE LIST - The route list calculated to your destination will appear in the display.

ROUTE - Here you can determine whether you want to take the Quick or the Short route to your destination.

MOTORWAYS - Here you can determine whether you want to use or avoid motorways.

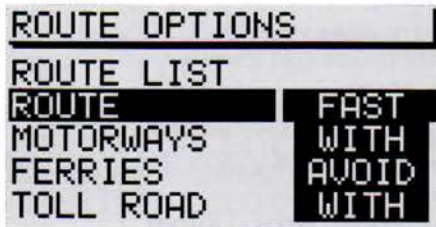
FERRIES - Here you can determine whether or not ferry connections should be included in the route planning.

TOLL ROAD - Here you can determine whether you want to use or avoid toll roads.

Select either **WITH** or **AVOID**.

Note: In rare cases, a route might be calculated using an option that was marked as "Avoid". This will be done if the selection of the option concerned results in an unreasonably long and/or complicated route. The route options will remain active for all route guidance until they are altered.

Calculating the Route List



- Select the **ROUTE LIST** menu item and press the right-hand rotary/pushbutton (29) to confirm your selection.

Depending on the length of the route, the calculation process may take a few seconds. When the calculation is complete, the route list will appear in the display.

The route list will remain on display, but it is not dynamic. It will not "follow along" with the route as you drive.

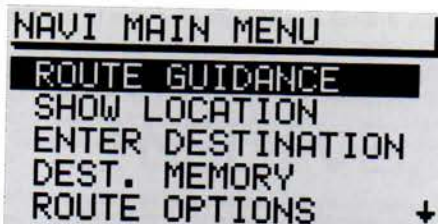
The entries will appear along with information on the distance. If the driving route is altered, the route list must be re-calculated. The list indicates the stretches of road and includes information on how long they are.

To quit the route list:
Press key (21) to return to the **ROUTE OPTIONS** menu.

Note: If it is not possible to calculate a route list, there will be a corresponding message in the display.

Route Guidance

Starting Route Guidance



NAVI MAIN MENU
ROUTE GUIDANCE
SHOW LOCATION
ENTER DESTINATION
DEST. MEMORY
ROUTE OPTIONS

After you have entered a destination and set the route options (if necessary), you can start route guidance by confirming the **ROUTE GUIDANCE** menu item in the main navigation menu.


Following this, a route guidance window will appear in the display.

Information display

The information display contains information on the distance to your destination and the estimated time of your arrival at the destination, your travelling direction and the bar graph indicating the distance to the next turn/change in direction.

If the option for **DRIVE SYMB.** has been set to **ON** in the Set-up menu - Navigation (refer to page 23), the visual driving recommendations will appear both in the instrument cluster and in the display of the radio navigation system. If the option for **DRIVE SYMB.** has been set to **OFF**, the visual driving recommendations will appear in the instrument cluster only. The information on the destination will appear in the display.

Displaying the complete destination address

Press INFO  to display the current destination and more detailed information. The current voice output will also be repeated.

Route Guidance with Driving Symbols



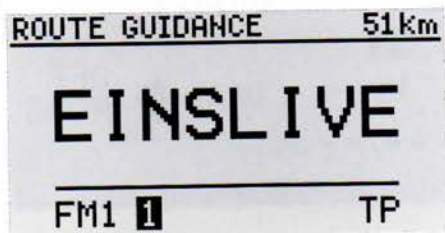
If the option for **DRIVE SYMB.** has been set to **ON** in the Set-up menu - Navigation (refer to page 23), the display will show the visual driving recommendations, the remaining travelling time or the time of arrival (refer to page 23, INFO) and the distance to the next change of direction or a bar graph.

The name of the street you are currently travelling on will appear in the lower part of the display if there is a straight-on arrow to indicate your direction.

If there is an arrow indicating a turn, the name of the street you will be turning onto will appear. This is also indicated by a small arrow pointing to the right directly beside the street name.


The active audio sources and functions will be displayed in the background. During route guidance, you can use all of the audio sources as usual, except for the built-in CD drive.

Route Guidance without Driving Symbols



If the option for **DRIVE SYMB.** has been set to **OFF** in the Set-up menu - Navigation (refer to page 23), the visual driving recommendations will appear in the instrument cluster only. In navigation mode, the information window will appear in the display foreground and the audio source selected in the background. In audio mode, this display priority is reversed.

The display background will indicate the navigation status, e.g. **ROUTE GUIDANCE** and the distance to your destination.

If the option for **LANGUAGE** has been set to **ON** in the Set-up menu - Navigation, spoken driving recommendations will be added to the visual ones during route guidance. Press **INFO**  to repeat the most recent spoken recommendation at any time.

OFF MAP Route Guidance



If the destination entered or the current vehicle position is located outside of the digitised map material stored on the navigation CD, OFF MAP navigation will be provided.

The display will indicate the compass direction of the destination. The distance to the destination as the crow flies will also be displayed.

OFF ROAD Route Guidance



If the system cannot identify the current position of the vehicle with respect to a street/road on the navigation CD used, OFF ROAD route guidance will be provided.

The display will indicate the compass direction of the destination and the distance to the destination as the crow flies.

NO MAP Route Guidance



It is also possible to have route guidance without using a CD. This route guidance is provided without a map. The display indicates the direction and the distance to your destination as the crow flies. There are no spoken driving recommendations available.

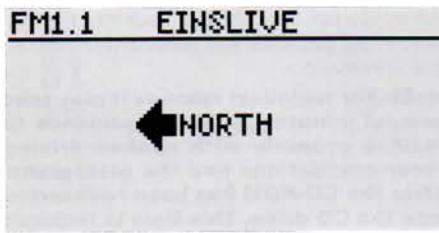
This function is useful on lengthy stretches of motorway where you do not need much information from the navigation system. NO MAP

route guidance will go into effect if you remove the CD-ROM while route guidance is active.

When you put the CD-ROM back into the system, route guidance will resume if it was active previously.

Note: For technical reasons it may take several minutes for route guidance to resume properly with spoken driving recommendations and the pictograms after the CD-ROM has been re-inserted into the CD drive. This time is required for the system to clearly identify the current vehicle position. During this time, "OFF ROAD" may appear in the display. In densely built-up areas with a closely woven network of roadways, the locating function may not be completely accurate until the system is able to orient itself clearly. To speed up the locating process, place the CD-ROM back into the system on the motorway, if possible.

Show Location with CD



When the Show Location function has been activated, an arrow indicating due north will appear in the display. The name of the street you are currently travelling on will also be displayed if it is available.

At the Finish Line



When you have reached your destination, you will see the display illustrated above. After 5 seconds, the main navigation menu will appear.

If the destination is located in a non-digitised area (possible for flagged destinations only) but close to a digitised street, route guidance will take you to this street and you will receive the following message: "You have reached your destination".

If the destination is located further away from a digitised street, you will receive the following message: "You have reached the area of your destination". Then the display will show "OFF ROAD" and a directional arrow as well as the remaining distance will guide you to your final destination.

labelling: 12, 13, 17, 18. The buttons are arranged in a 2x2 grid with a horizontal separator line between the top and bottom rows. The top-left button is labeled 'CD' with a circled '12' in the top-left corner. The top-right button is labeled 'NAVI' with a circled '17' in the top-right corner. The bottom-left button is labeled 'DSP' with a circled '13' in the bottom-left corner. The bottom-right button is labeled 'TELE' with a circled '18' in the bottom-right corner.



To cancel route guidance, activate the main navigation menu.

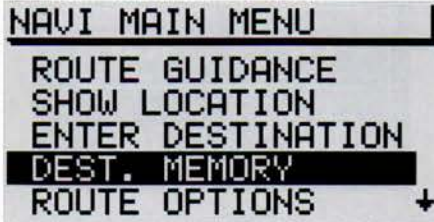
- Press NAVI (17).

Here select either **ENTER DESTINATION** or **SHOW LOCATION**. Active route guidance will be cancelled.

- Select one of the menu items and press the right-hand rotary/pushbutton (29) to confirm your selection.

Destination Memory

Overview



To activate the destination memory menu directly from the main navigation menu, select the **DEST. MEMORY** menu item.

In the destination memory it is possible to store, edit, sort and delete destinations.

In the destination memory sorted according to your own personal criteria, you can store the destinations in the alphabetical destination memory in an order which you choose.

In the destination memory containing the last destinations, the last ten destinations used for navigation are stored in chronological order. It is possible to deactivate the automatic storage of the last destinations. Please refer to the section in Set-up menu - Navigation on page 23.

Short names, which you enter yourself, enable you to find stored destinations in the destination memory quickly and easily. The short name always comes before the destination name. A short name can be the first name of the person at that address or another term, such as HOME.

DEST. MEMORY

STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS

Select from among the following menu items:

STORE DESTINATION - stores a navigation destination in the destination memory, refer to page 77.

STORE FLAG - stores and edits a flagged destination which has been set, refer to page 81.

CHANGE SHORT NAME - changes short names in the destination memory, refer to page 96.

DEL. DESTINATIONS - deletes last destinations, individual destinations or all destinations, refer to page 98.

SORT DESTINATIONS - sorts the destinations in the destination memory to make a list of destinations according to the user's own criteria, refer to page 97.

Entering/Changing Short Names

```
DEST. MEMORY
STORE DESTINATION
STORE FLAG
CHANGE SHORT NAME
DEL. DESTINATIONS
SORT DESTINATIONS
```

You can give the entries in the destination memory a short name. This will enable you to find the destinations in the memories quickly and easily. Short names can be the first name of the person at that address, for example. It is also possible to edit the short names at a later date.

The short name always comes before the actual destination name. The speller menu is used to enter the short name.

Editing short names

- Use the right-hand rotary/pushbutton (29) to mark the **CHANGE SHORT NAME** menu item and press it to confirm your selection. The alphabetical destination memory will appear in the display.

Now use the right-hand rotary/pushbutton to mark and select the entry you want to change. Following this, the speller menu will appear.

- Use the list of characters to enter a short name. The entry you want to edit will appear in the highlighted text line.
- To confirm your changes, hold the right-hand rotary/pushbutton (29) pressed down for a moment.

Sorting Destinations




- Mark and confirm the **SORT DESTINATIONS** menu item.
- Use the right-hand rotary/pushbutton (29) to select the entry you want to move. Press the right-hand rotary/pushbutton (29) to confirm your selection.

The entry selected will be marked indicating that it can now be moved.

- Turn the right-hand rotary/pushbutton (29) to move the marked destination to the new position.
- Press the right-hand rotary/pushbutton (29) to confirm the new position.

Now you can select another entry.

- Press  (21) to return to the main destination memory menu.

Deleting Destinations from the Destination Memory

Deleting Destinations

```
DEL. DESTINATIONS
LAST DESTINATIONS
SINGLE DEST.
ALL DESTINATIONS

BACK
```

Destinations you no longer need can be deleted from the destination memory.

To prevent you from deleting one or more destinations by mistake, you will be prompted to confirm your selection first.

- Use the right-hand rotary/pushbutton (29) to mark the **DEL. DESTINATIONS** menu item in the main destination memory and confirm your selection.

LAST DESTINATIONS - The destinations stored in the last destinations memory will be deleted. This option is not available if the last destinations memory has been activated (refer to Set-up menu - Navigation, page 23).

SINGLE DEST. - It is also possible to delete individual destinations in the destination memory. First a list of the destinations will appear so that you can select the one you want to delete.

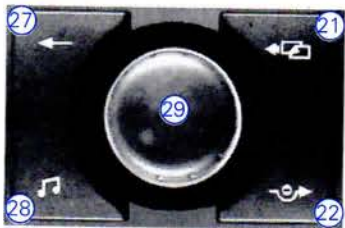
Use the right-hand rotary/pushbutton (29) to select and mark the entry.

ALL DESTINATIONS - All of the destinations stored in the destination memory will be deleted.

After you have selected one of the menu items, you will be prompted to confirm your selection. The selection marked in the inquiry window is **CANCEL**.

Bypassing Traffic Congestion

Activating the Traffic Congestion Function



Use this function to remove sections of the road ahead of you from your route list. Menu items are used to select the length of the diversion. The radio navigation system then uses this information to calculate an alternate route to the selected destination to bypass the traffic congestion as far as possible. Route guidance will resume with the new route.

The maximum length of the diversion is determined by the navigation system. When traveling through the countryside, the diversions will be longer because the road network is less dense.

Activating the main bypass congestion menu

- During route guidance, press the traffic congestion key **22** to calculate an alternate route.

The **BYPASS CONGESTION** menu will appear in the display.

Selecting an Alternate Route

BYPASS CONGESTION

SHORT DIVERSION

MEDIUM DIVERSION

LONG DIVERSION

*DELETE DIVERSION

- Use the right-hand rotary/pushbutton (29) to mark one of the menu items and press it to confirm your selection.

SHORT DIVERSION - A short section of the road ahead will be bypassed.

MEDIUM DIVERSION - A medium section of the road ahead will be bypassed.

LONG DIVERSION - A long section of the road ahead will be bypassed.

DELETE DIVERSION - The last diversion will be cancelled and the route re-calculated.

Note: It is not always possible to block off sections of the route lying ahead. If necessary, select the long diversion.

Any diversions entered will remain in effect until the end of the trip.

If you use the bypass congestion function again, the last diversion will be deleted and the new diversion will be stored for the route currently lying ahead.

If there are no alternate routes available, you will receive the following message: "Continue to follow the road".

```
NAVI MAIN MENU
ENTER DESTINATION ↑
DEST. MEMORY
ROUTE OPTIONS
MERIAN scout
GPS STATUS
```

Use the Travel Guide to obtain information on your destinations. The travel information is divided into categories.

These **categories** might be:

- Accommodation
- Meals
- Tourist Information

The travel information could include such information as prices, facilities and telephone/fax numbers for hotel accommodation.

You will require a special travel-guide CD before you will be able to use the Travel Guide feature.

Activating the Travel Guide

- Use the right-hand rotary/pushbutton (29) to mark the **TRAVEL GUIDE** menu item in the main navigation menu. Press the right-hand rotary/pushbutton (29) to confirm your selection.

The main Travel Guide menu will appear.

Note: If your navigation CD uses only one travel guide, the travel guide name will appear directly in the main navigation menu. If there are several travel guides available, a selection menu listing the travel guides will appear first.

Selecting a Destination

- Use the right-hand rotary/pushbutton (29) to mark the menu item you would like to select. Press the right-hand rotary/pushbutton (29) to confirm your selection.

The entries in the travel guide menu depend on the travel guide selected and may vary. As a result, only a few examples of possible entries are provided here.

PLACE NAME - activates an edit menu for the entry of the place name.


GOLF COURSE - activates an edit menu in which you can select a specific golf course.

ACCOMMODATION - activates the category list in the area surrounding the destination address.

ENTERTAINMENT - activates the category list for the current vehicle position.

Selecting a category and destination

Speller menus and lists are used to select destinations and transfer them to route guidance.

Press  (21) to return to the list of categories.

Glossary

COMFORT CODING

Comfort coding automatically enters the system code via the instrument cluster.

EON - Enhanced Other Network

EON makes it possible for RDS radio stations to exchange broadcast information within their broadcast network.

For example, this can mean that, during a traffic announcement, the system switches from a radio station which does not broadcast traffic information to one that does in the same station network. After the traffic announcement has ended, the system will switch back to the previous station.

GALA - Speed-dependent Volume Adjustment

The volume will be raised and lowered to compensate for driving noise.

MAG

CD changer magazine to accommodate 6 CDs

TA - Traffic Announcement

Priority for traffic messages

TP - Traffic Program

TP in the display indicates that the system is tuned into a traffic information radio station.

Scan

Scanning function for the radio stations within reception range and for CD tracks during CD operation.

This
able
Subj

Repr
part
writt



Radio Card



Unit name

Radio Navigation System

Series no.

Code no.

Please apply series no. and code no. stickers here.

Note

Do not forget to remove the "Radio Card" and keep it in a safe place. Do not leave it in the vehicle under any circumstances! If you lose the Radio Card with the code number, please contact a Volkswagen service centre. They will be able to provide you with assistance free of charge.

START
START

POSITION

ROAD

Radio-Navigationssystem
englisch 5.99
201.552.7Q5.20