

7.8 Listening to a stored service

- ▶ First select the desired memory bank, if necessary.
- ▶ Short-tap one of the memory preset buttons (30).
The stored service is played.

7.9 Listening to a service's secondary audio channel

If a service provides an alternative audio channel, *2nd audio* appears in the display. The secondary audio channel is listed in the *DAB service list* (please refer to the section entitled "DAB service list" (page 31)).

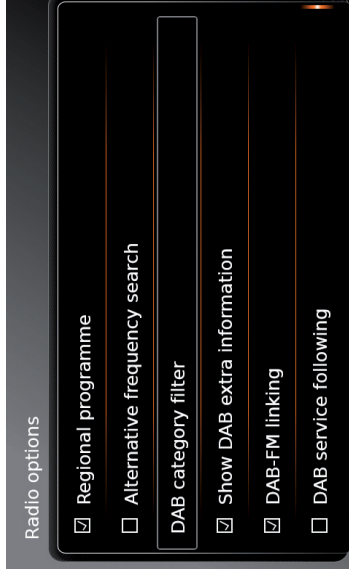
Note:

It is not possible to store a service's secondary audio channel. Select, if necessary, the regular audio channel to store the service.

7.10 Preselecting programme types

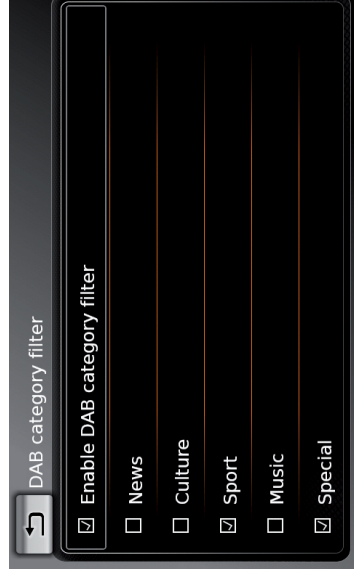
You can apply the DAB category filter in order to limit the available services in the DAB service list to the ones that support certain programme types. If the DAB category filter is enabled, only the services of selected programme types will be available.

- ▶ In DAB mode, tap  (6).



- ▶ Tap **DAB category filter**.

The available programme types are displayed.



To select programme types,

- ▶ tap the desired programme type.

A programme type is selected when the check mark is displayed in the checkbox.

To enable or disable the DAB PTY filter,

- ▶ tap **DAB category filter**.

The DAB category filter is enabled when the check mark is displayed in the checkbox.

- ▶ Tap  (6) to close the options display.



- ▶ the PTY symbol is displayed in the DAB display.
- ▶ A service that is selected via the DAB category filter remains selected even if the DAB PTY filter is later disabled.

7.11 Displaying DAB extra information

You can preset whether DAB extra information is shown or hidden.

- ▶ In DAB mode, tap  (6).



- ▶ Tap **Show DAB extra information**.

Displaying of DAB extra information is enabled when the check mark is displayed in the checkbox.

- ▶ Tap  (6) to close the options display.

7.12 DAB service following

A particular service may be provided by several ensembles. DAB service following ensures that this service remains selected even if reception of the current ensemble is lost.

- ▶ In DAB mode, tap  .



- ▶ Tap **DAB service following**.

DAB service following is enabled when the check mark is displayed in the checkbox.

- ▶ Tap   to close the options display.

7.13 DAB-FM switching

A service may be receivable via DAB and on FM simultaneously. If DAB-FM switching is enabled and the current DAB service becomes unavailable, the device automatically switches to FM reception until DAB reception is available again.

- ▶ In DAB mode, tap  .

8 Playing media



Note:

To connect or insert an external device, please refer to the section entitled “Connecting/inserting external devices and data storage devices” (page 21).

8.1 Selecting a media source

- ▶ If necessary, call up the home menu for the desired area (cockpit, passenger area).
- ▶ In the home menu, touch the title bar for the radio or media mode.

The source selection menu is displayed.

- ▶ Tap the **Media** tab, if necessary.
- ▶ Tap the desired media source.

The audio or video display for the selected media source is displayed and playback begins.

Note:



display

- ▶ if the selected audio source is not connected or inserted.
- ▶ if it is not possible to play all the tracks on the selected audio source due to the maximum number of manageable tracks being exceeded.

8.2 Calling up the audio/video display

While you are playing media:

- ▶ In the home menu, tap the main area for the media operating mode.

8.3 Audio playback



- The control options that are available depend on the current audio source:
- ▶ Bluetooth® devices may employ communication protocols that do not support all control options.
 - ▶ No control options are available for AUX playback.

You will find the following information and controls in the audio display:



- The information that is available depends on the current audio source:
- ▶ Information on MP3 tracks must be stored as ID3 tags on the audio source.
 - ▶ Bluetooth® devices may employ communication protocols that do not provide all the track information.
 - ▶ No track or playback information is available with AUX playback.

31

Current playback source

32

Title information area

33

▶▶ button: Skip to next title/fast forward

34

⏸ button: Pause playback

When playback is paused: ▶▶ button:

Resume playback

35

Playback progress bar

36

◀◀ button: Skip to previous title/rewind

37

≡ button: Shuffle function

38

🔄 button: Repeat function

8.3.1 The audio display



The title information area provides information on the current track, audiobook or podcast, for instance:

- ▶ Artist
- ▶ Title
- ▶ Album

The playback progress bar (35) displays the playback position in the current title and the elapsed and total playing time of the title.

8.3.2 Pausing playback

- ▶ Tap ⏸ (34). Playback is paused.
- ▶ Tap ▶▶ (34). Playback resumes.

8.3.3 Skipping to the next/previous title

- ▶ Tap ▶▶ (33) or ◀◀ (36). The next or previous title is played.

8.3.4 Selecting titles in the media browser

- ▶ Tap the title information area (32). The media browser opens. For further details on this, please read the section entitled “Media browser” (page 36).

8.3.5 Fast forward/rewind

- ▶ Touch and hold ▶▶ (33) or ◀◀ (36) until you reach the desired position.

Or:

- ▶ Touch the playback progress bar (35) and swipe left or right along the bar to alter the position in the title continuously.

8.3.6 Skipping forwards/backwards in the current title

- ▶ Tap the desired position in the playback progress bar (35).

8.3.7 Repeating a title

- ▶ Tap (38).
- ▶ Tap the desired option:
 - Repeat track: Repeat the current title
 - Repeat selection: Repeat the current playback category (e.g. album, artist, folder)

8.3.8 Shuffle function

- ▶ Tap (37).
- ▶ Tap the desired option:
 - Shuffle selection: Shuffle the tracks in the current playback category (e.g. album, artist, folder)
 - Shuffle off: Deactivate shuffle

8.4 Video playback



Safety notice

The displaying of video images is only possible while the vehicle's parking brake is applied. As soon as the parking brake is released, the video image of a running video file or external DVD is hidden and the following notification appears in the display: "For your safety, the video is off while the vehicle is in motion." Playback of the video file or external DVD continues, and the audio output can still be heard.



Note:

No control options are available when playing an external DVD.

You will find the following information and controls in the video display:

- (39) Current playback source
- (40) Picture area
- (41) ▶▶ button: Skip to next title
- (42) || button: Pause playback
- When playback is paused: ▶ button: Resume playback
- (43) ◀◀ button: Skip to previous title
- (44) Playback progress bar
- (45) ≡ button: Open media browser

The picture area (40) provides information on the current title:

- ▶ Title (not for an external DVD)
- ▶ Number of the current title / of the current episode (not for an external DVD)

The playback progress bar (44) displays the playback position in the current title and the elapsed and total playing time of the title (not for an external DVD).

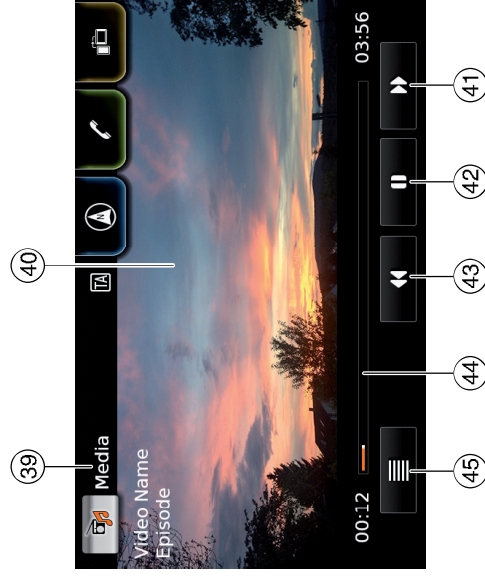


In full-screen mode, the || symbol appears in the picture area when playback is paused.

8.4.2 Pausing playback

- ▶ Tap || (42).

8.4.1 The video display



Playback is paused.

Tap **(42)**.

Playback resumes.

8.4.3 Skipping to the next/previous title

▶ Tap **(41)** or **(43)**.

The next or previous title is played.

8.4.4 Selecting titles in the media browser

▶ Tap **(45)**.

The media browser opens. For further details on this, please read the section entitled “Media browser” (page 36).

8.4.5 Fast forward/rewind

▶ Touch and hold **(41)** or **(43)** until you reach the desired position.

Or:

▶ Touch the playback progress bar **(44)** and swipe left or right along the bar to alter the position in the title continuously.

8.4.6 Skipping forwards/backwards in the current title

▶ Tap the desired position in the playback progress bar **(44)**.

8.4.7 Full-screen mode – on/off

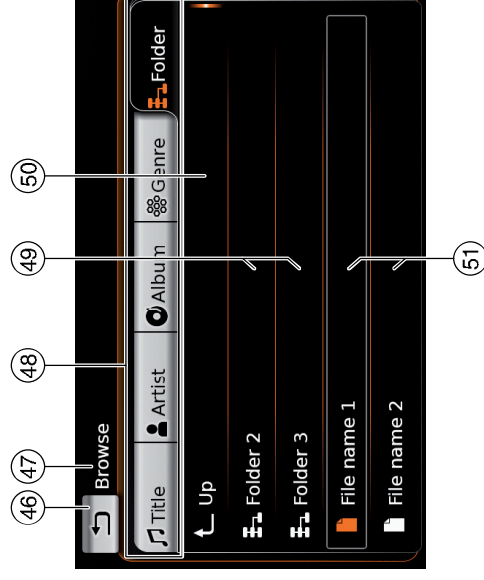
To switch between the video display and full-screen mode,

▶ tap the picture area **(40)**.

8.5 Media browser

Using the media browser you can select audio and video titles for playback.

8.5.1 The browser display



You will find the following information and controls in the browser display:

(46) button: Close media browser

(47) Browse mode indication

(48) Main categories (here: *Folder*)

(49) Button [X] / [X] : Show other main categories

(50) Up button: Return to the parent category

(51) Subcategories (here: folder)

(52) Title / Files

In the browser display you can select media according to various categories, such as artist, album or genre.

The main categories are:

▶ Title:

Select a title from all the available titles. All titles of the media source are subsequently played.

▶ Artist:

Select a title from all of the artist's titles or from one of the artist's albums. Only the titles of the artist or album are subsequently played.

▶ Album:

Select a title from an available album. Only the titles of the album are subsequently played.

▶ Genre:

Select a title from an album of the genre or from the album of a particular artist. Only the titles of the album are subsequently played.

▶ Folder:

Choose a title in the folder structure of the media source. Only the titles contained in the same folder are subsequently played.

▶ Playlist:

Choose a title in a playlist. Only the titles

contained in the same playlist are subsequently played.

► Audiobook:

Select a chapter from an available audiobook. Only the chapters of the selected audiobook are subsequently played.

► Podcast:

Select an episode from an available podcast. Only the episodes of the selected podcast are subsequently played.

► Video:

Select an episode from an available video. Only the episodes of the selected video are subsequently played.

To return to a parent category, tap **up** ⁽⁵⁰⁾.

Tap the desired title ⁽⁵²⁾. Playback begins.



Note:

To display the respective media display, tap **←** ⁽⁴⁶⁾.

8.5.3 Closing the browser without selecting a title

► Tap **←** ⁽⁴⁶⁾.
The current media display is displayed.

9 Navigation



Note:

This function is only available if the device is equipped with a navigation system.

If your device is not equipped with a navigation system you may be able to retrofit the navigation function (see the section entitled “Retrofitting the navigation function” (page 55)). Please contact your Bosch dealer regarding this.

8.5.2 Selecting titles

► Tap the desired main category ⁽⁴⁸⁾.
The corresponding list items are displayed.



Note:

To scroll through the main categories, touch the tab row.

► Tap the desired subcategory, if applicable ⁽⁵¹⁾.



- To scroll through list items, touch the list area and swipe up or down.
- A subcategory can contain further subcategories.



Road safety

- The usage of the navigation system does not absolve the driver of the responsibility of a correct and vigilant attitude. The relevant traffic regulations must always be followed. If a navigation instruction contradicts traffic regulations, the **traffic regulations always apply**.
- The route guidance provided by the device may not be completely accurate. Ensure that all driving manoeuvres are legal and safe in order to avoid accidents.
- Some areas – one-way streets, entrances and other pedestrian zones, where vehicle entry is pro-

hibited – may not be marked on the map. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Note:

This navigation system calculates the current vehicle position using satellite signals, various vehicle signals, map data, etc. However, an accurate position may not be shown depending on satellite condition, Road configuration, vehicle condition or other circumstances.

9.1 Starting navigation

Note:

Ensure that the SD card containing the navigation system's map data is inserted in the SD card slot (3). The navigation function is only available when the SD card containing the map data is inserted.

To open the map view,

- ▶ tap the *Drive* area in the Home menu.

To open the *Destinations* menu,

- ▶ tap the direct-select button  in the Home menu.

9.2 Entering a destination

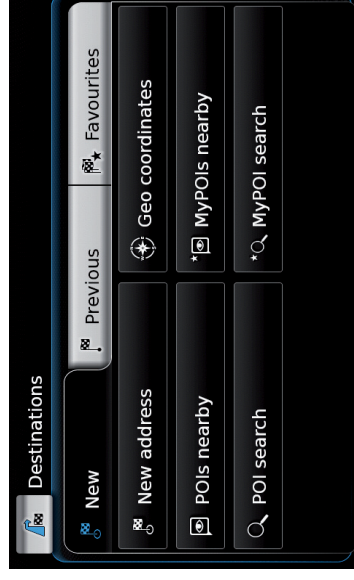
9.2.1 Opening the *Destinations* menu

- ▶ Tap the direct-select button  in the Home menu.

or:

- ▶ Tap  in the map view.

The *Destinations* menu is displayed:



Note:

If a route guidance session is active, the *Route* menu of the *Destinations* menu will be displayed. For more details please refer to the section entitled "Route guidance settings in the Route menu" (page 45).

Under the *New* tab, you can specify a new destination.

Please refer to the sections "Entering an address" (page 38) and "Selecting a point of interest" (page 40).

If you switch to the *Previous* tab or *Favourites* tab, you can select a previous destination or a stored favourite as your new destination.

Please refer to the section entitled "Selecting one of the previous destinations or a destination stored as a favourite" (page 41).

9.2.2 Entering an address

- ▶ In the *Destinations* menu, tap the **New** tab, if necessary.
 - ▶ Tap **New address**.
- The *Address input* menu is displayed.

Enter the following address components in this order:

1. Country
2. City / Postcode
3. Street
4. Intersection or House number

To enter an address component,

- ▶ tap the relevant item.

The keyboard is displayed:



Note:

If the “Lock keypad while driving” setting is enabled, you will only be able to access the keyboard while the vehicle is stationary. For further details on this, please read the section entitled “Enabling the keyboard lock while driving” (page 54).

- ▶ Enter the relevant name or number.

Note:

If necessary, tap **Æ Ø Ü** to show the special characters on the keyboard.

The first suitable match found for what you have entered is displayed above the keyboard.

- ▶ Tap **OK** to select the displayed match.

Or:

- ▶ Enter the first characters of the address component.

The number of matches corresponding to the entered characters is displayed beside the  symbol.

- ▶ Tap  to display the list of matches.
 - ▶ Tap the desired match.
- The *Address input* menu is displayed.
- ▶ Proceed with the next address component.

Note:

As soon as you have entered the country and city of your destination, you can start route guidance. You will then automatically be guided to the city centre.

- ▶ Tap  to start route guidance.



If the entered address is ambiguous, a list of possible destinations is displayed.

- ▶ Tap the desired item to start route guidance to the respective destination.
- ▶ Tap  for an item to view the details for the respective destination before starting route guidance (see the section entitled “Location details view” (page 41)).

Or:

- ▶ Tap  to view the details for the respective destination and a map of the surrounding area (see the section entitled “Location details view” (page 41)).

Note:

If the entered address is ambiguous, a list of possible destinations is displayed. Tap the desired item to view the details for the respective destination.

- ▶ Tap  to start route guidance.

The system calculates the route to the selected destination.



- If a route guidance session is already active, you can choose
 - ▶ whether the current destination or, if applicable, the current waypoint should be replaced by the new destination (see the section entitled “Changing the destination while route guidance is active” (page 43))
 - or
 - ▶ whether the new destination should be added to the current route as a waypoint (see the section entitled

“Entering a waypoint” (page 43)).

9.2.3 Selecting a point of

Methods for searching for a point of interest

There are 2 methods for searching for a point of interest:

- ▶ Method 1: You can search for a point of interest that is located in a particular city or postcode area.
- ▶ Method 2: You can search for a point of interest that is located near your current position.



- ▶ You can use both methods to search for a point of interest stored in the map data or in your own points of interest.
- ▶ your own points of interest in the section entitled “Your own points of interest” (page 51).

Follow the steps of the desired method as described below and continue reading the section “Selecting a point of interest and starting route guidance” (page 40).

- ▶ Method 1: Point of interest in a city or postcode area:
 - ▶ In the *Destinations* menu, tap the **New** tab.

- ▶ Tap **POI search** or **MyPOI search**.

The *Address input* menu is displayed.

- ▶ Enter a country and a city or postcode for the point of interest, as described in the section entitled “Entering an address” (page 38).

Tap **POI search**.

The available point of interest categories are displayed.

- ▶ Method 2: Point of interest nearby:
 - ▶ In the *Destinations* menu, tap the **New** tab.

- ▶ Tap **POIs nearby** or **MyPOIs nearby**.

The available point of interest categories are displayed.



Note:

Up to 30 available points of interest inside a 150 km radius around your current position are listed.

Selecting a point of interest and starting route guidance

The available points of interest are divided into categories such as *Emergency* and *Automotive*.

- ▶ Tap the desired category.

Or:

- ▶ Tap **All categories** to display all of the available points of interest.



- ▶ A category may contain further subcategories. For example, the *Automotive* category is divided into subcategories such as *Petrol station* and *Garage*. Keep selecting the desired subcategories until the points of interest are displayed.
- ▶ You can also use a search term to find one or more particular points of interest. To do so, tap **Search**, enter the desired search term and confirm by tapping **OK**.

- ▶ Tap the desired point of interest. Details about the point of interest and a map of the surrounding area are displayed (see the section entitled “Location details view” (page 41)).

- ▶ Tap to start route guidance.

The system calculates the route to the selected destination.



- If a route guidance session is already active, you can choose
 - ▶ whether the current destination or, if applicable, the current waypoint should be replaced by the new destination (see the section entitled “Changing the destination while

route guidance is active” (page 43))

- or
- ▶ whether the new destination should be added to the current route as a waypoint (see the section entitled “Entering a waypoint” (page 43)).

9.2.4 Entering coordinates

- ▶ In the *Destinations* menu, tap the **New** tab, if necessary.
- ▶ Tap **Geo coordinates**. The *Enter Geo coordinates* menu is displayed.
- ▶ Enter the coordinates.



- ▶ You can select in which format section entitled “Selecting the geo coordinate format” (page 54)).
- ▶ In order to enter the values of a coordinate, first tap the respective tapping the respective digit on the numeric keypad.
- ▶ If you want to enter coordinates for the southern or eastern hemisphere, tap **N** or **W**.
- ▶ If you enter a wrong digit, you can delete it by tapping .

- ▶ Tap .

Details about the location and a map of the surrounding area are displayed (see the section entitled “Location details view” (page 41)).

- ▶ Tap to start route guidance.

9.2.5 Selecting one of the previous destinations or a destination stored as a favourite

- ▶ In the *Destinations* menu, tap the **Previous** tab or **Favourites** tab.

The available destinations are displayed.



Note:

Under the **Favourites** tab, you will find your **Home** address at the top of the list. To specify and store the home address, please read the section entitled “Storing the home address” (page 43).

- ▶ Tap the desired destination to start route guidance.



Note:

Tap for an item to view the details for the respective destination before starting route guidance (see the section entitled “Location details view” (page 41)).

The system calculates the route to the selected destination.



If a route guidance session is already active, you can choose

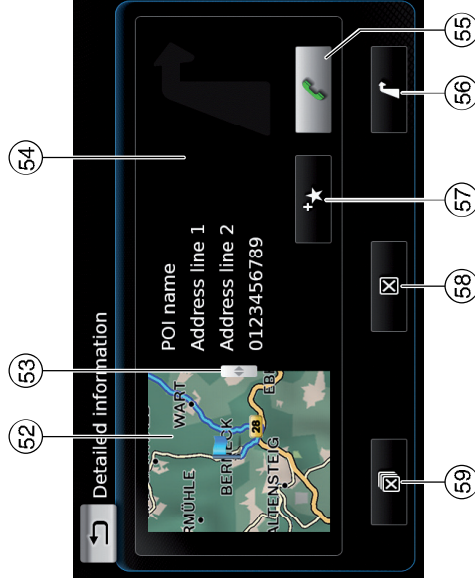
- ▶ whether the current destination or, if applicable, the current waypoint should be replaced by the new destination (see the section entitled “Changing the destination while route guidance is active” (page 43)) or
- ▶ whether the new destination should be added to the current route as a waypoint (see the section entitled “Entering a waypoint” (page 43)).

9.3 Location details

For the following locations or destinations you can display a details view:

- ▶ Points of interest
- ▶ Previous destinations
- ▶ Favourites
- ▶ New destinations

9.3.1 Areas of the location details view



trols in the details view:

- (52) Map of the area around the location
- (53) Slider
- (54) Address information
- (55) button: Call the stored number (only if a number is stored)
- (56) button: Start route guidance
- (57) button: Save as favourite
- If the location is already a favourite:
 - button: Edit the name of the favourite
- (58) button: Delete the location (only for previous destinations, favourites or waypoints)

- (59) button: Delete all locations of the list (either previous destinations, favourites or waypoints)

You can adjust the size of the map (52) and the information area (54):

- ▶ Touch the slider (53) and swipe left or right.

9.3.2 Options in the location details

In addition, you have these options available to you (depending on the type of location):

- ▶ You can store a location in your favourites. To do so, tap ★ (57). Then you have the following options:
 - Tap **Edit name** to edit the name of the new favourite before saving it.
 - Tap **Save with displayed name** to save the new favourite without editing the name.
- Tap **Save as home** to store the favourite as the home address (see also the section entitled “Storing the home address” (page 43)).



- ▶ If you want to rename the destination, enter a name for it using the keyboard. If necessary, tap **⌫** to show the special characters on the keyboard. Tap **OK** to store the destination under the entered name.

- ▶ If you want to store the favourite as the home address and a home address is already stored, you are ment of the existing home address.
- ▶ If all the storage spaces for your favourites are already occupied, a and allows you to replace an existing favourite.
- ▶ If the location is already a favourite, you can rename the favourite. To do so, tap ✎ (57) **OK**.
- ▶ A telephone number is stored for some locations. Tap ☎ (55) to call this number.



A mobile phone must be connected to the device for this function.

- ▶ To delete the displayed location from the list of previous destinations, from your favourites or from the list of waypoints, tap ✕ (58) and ✓.
- ▶ To delete all previous destinations, favourites or waypoints and the final destination of an active route guidance session, tap ✕ (59) and confirm by tapping ✓.



- ▶ If you delete a waypoint, the route is recalculated and displayed in the map view.
- ▶ If you delete all waypoints and the session is cancelled.
- ▶ To start route guidance from within the details view, tap  (56).

9.4 Storing the home address

You can store a home address. This address appears at the top of the list of your favourites (see the section entitled “Selecting one of the previous destinations or a destination stored as a favourite” (page 41)).



Note:

If a home address has already been stored, it will be replaced/overwritten by the new address after confirmation.

- ▶ In the *Destinations* menu, tap the **Favourites** tab.
- ▶ Tap **Home**.
- ▶ Tap **Current position** to store the current position as the home address.

Or:

- ▶ Tap **Enter address** to specify an address.
- ▶ Enter the address as described in the section entitled “Entering an address” (page 38).

- ▶ After specifying the address, tap **Set as home** to store the entered address as the home address.

9.5 Entering a waypoint

As soon as you have started route guidance to a destination, you can enter up to 5 further destinations as waypoints.



Note:

The order in which you enter additional waypoints cannot be changed afterwards. Each waypoint that you add will be placed on the route before the destination. So the last waypoint that you add will be the last waypoint on your route.

- ▶ Enter the new destination as described in the section entitled “Entering a destination” (page 38).

As soon as you tap , the *Route guidance* is active notification appears.

- ▶ Tap **Add as waypoint**.
The new destination is inserted in the route as a waypoint. The system calculates the route to the waypoint.

9.6 Changing the destination while route guidance is active

You can change the destination or waypoint while route guidance is active.

- ▶ Enter the new destination as described in the section entitled “Entering a destination” (page 38).

As soon as you tap , the *Route guidance* is active notification appears.

- ▶ Tap **Replace destination** or **Add as waypoint**.

The system calculates the route to the new destination.

9.7 Map view and map options

9.7.1 Opening the map view

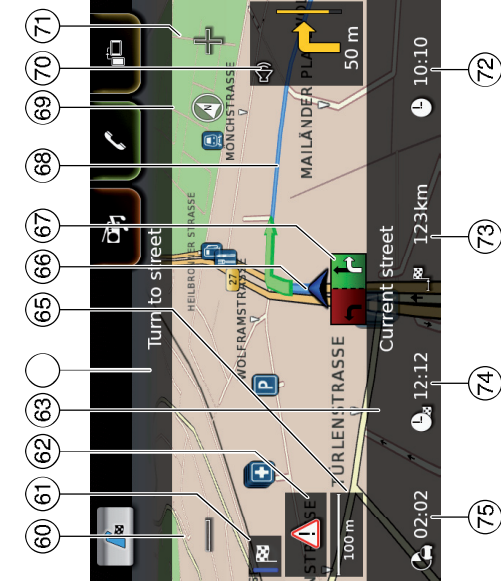
- ▶ Tap the *Drive* area in the Home menu.

or:

- ▶ Tap  in the *Destinations* menu.

9.7.2 The map view during an active route guidance session

An active route guidance session is displayed in the map view. Driving recommendations are provided in visual form (see below) and as announcements.



- 60 button: Decrease map scale
- 61 Clock time
- 62 Distance to the destination
- 63 Estimated arrival time
- 64 Estimated time to the destination

9.7.3 Repeating the current navigation announcement

- During active route guidance, tap the driving manoeuvre symbol in the map view (70).

9.7.4 Changing the map scale

To increase or decrease the map scale when in map view,

- tap (60) or (71).



Note:

If automatic zoom is enabled (see the section entitled “Enabling automatic zoom” (page 48)): If you manually change the map scale, the automatic zoom function is suspended for around 30 seconds.

9.7.5 Changing the map view

You can choose whether

- the map aligns with north (in this case, north always appears at the top in map view),
- the map always aligns with your heading (in this case, the area that lies ahead of the

vehicle always appears at the top in map view), and whether

- a 2D map is shown or
- a 3D map is shown.

In the map view, tap the compass (69) to switch between these modes:

- 3D map aligned with the driving direction
- 2D map aligned with north
- 2D map aligned with the driving direction



- You can also change the map orientation in the navigation and map settings (see the section entitled “Selecting the map orientation” (page 47)).

- You can also activate the 3D map view in the navigation and map settings (see the section entitled “3D map view – on/off” (page 48)).

9.7.6 Displaying TMC messages

- In the map view, tap the TMC symbol (62). A list containing the current TMC messages is displayed.



Note:

While a route guidance session is active, you have these options:

- ▶ Tap **On route** to display only messages that concern your current route.
- ▶ Tap **All** to display all current messages.
- ▶ Tap on a message to display details about this message.

9.7.7 Changing the displayed section of the

During active route guidance, you can choose whether

- ▶ the map should show the entire route or whether
- ▶ the map should show the area around the vehicle.
- ▶ In the map view, tap the button  to switch between the modes.

9.7.8 Selecting a destination or waypoint from the map

You can pick a location shown on the map as a destination or waypoint.

Long tap the location on the map.

If a route guidance session is active, you can

- ▶ replace the current destination,
- ▶ set the location as a waypoint.

To do so,

- ▶ tap **Replace destination** or **Add as waypoint**.

If no route guidance session is active, you can set the location as your destination.

- ▶ Tap **Set as destination**.

The system calculates the route to the new destination.

9.7.9 Viewing details of a location on the map

- ▶ Tap the location on the map.
- ▶ Tap **Details**.

The details view of the location is displayed (see the section entitled “Location details view” (page 41)).

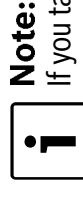
9.7.10 Selecting a point of interest from the map

You can select a point of interest from the map or search for points of interest near a location on the map. Then you can view the details of a point of interest and set it as your destination, if desired.

To view details of a particular point of interest,

- ▶ tap the symbol of the point of interest on the map.

The details view of the location is displayed (see the section entitled “Location details view” (page 41)).



Note:

If you tap a point on the map where several symbols overlap, a list of the corresponding points of interest is displayed. Select the desired point of interest from the list.

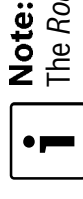
To search for points of interest near a location on the map,

- ▶ tap the location on the map.
- ▶ Tap **POIs around**.

The available point of interest categories are displayed. Continue reading the section entitled “Selecting a point of interest and starting route guidance” (page 40).

9.8 Route guidance settings in the Route menu

9.8.1 Opening the Route menu



Note:

The *Route* menu is only available when a route guidance session is active.

- ▶ Tap  in the Home menu.