



WELCOME TO BMW.

Owner's Handbook. Navigation, Entertainment, Communication.

Congratulations on your choice of a BMW.

The better you are acquainted with your vehicle, the easier you will find it is to operate. We would therefore like to offer you the following advice:

Please read the Owner's Handbook before setting out in your new BMW. Also use the Integrated Owner's Handbook in your vehicle. It contains important notes on how to operate the vehicle, enabling you to derive maximum benefit from the technical advantages of your BMW. It also contains useful information which will help you to maintain both the operating and road safety of your BMW as well as its full resale value.

If applicable, you will find updates after the editorial deadline in the appendix of the printed Owner's Handbook for the vehicle.

Supplementary information is provided in the other documents of on-board literature. Your BMW AG wishes you pleasant and safe driving.

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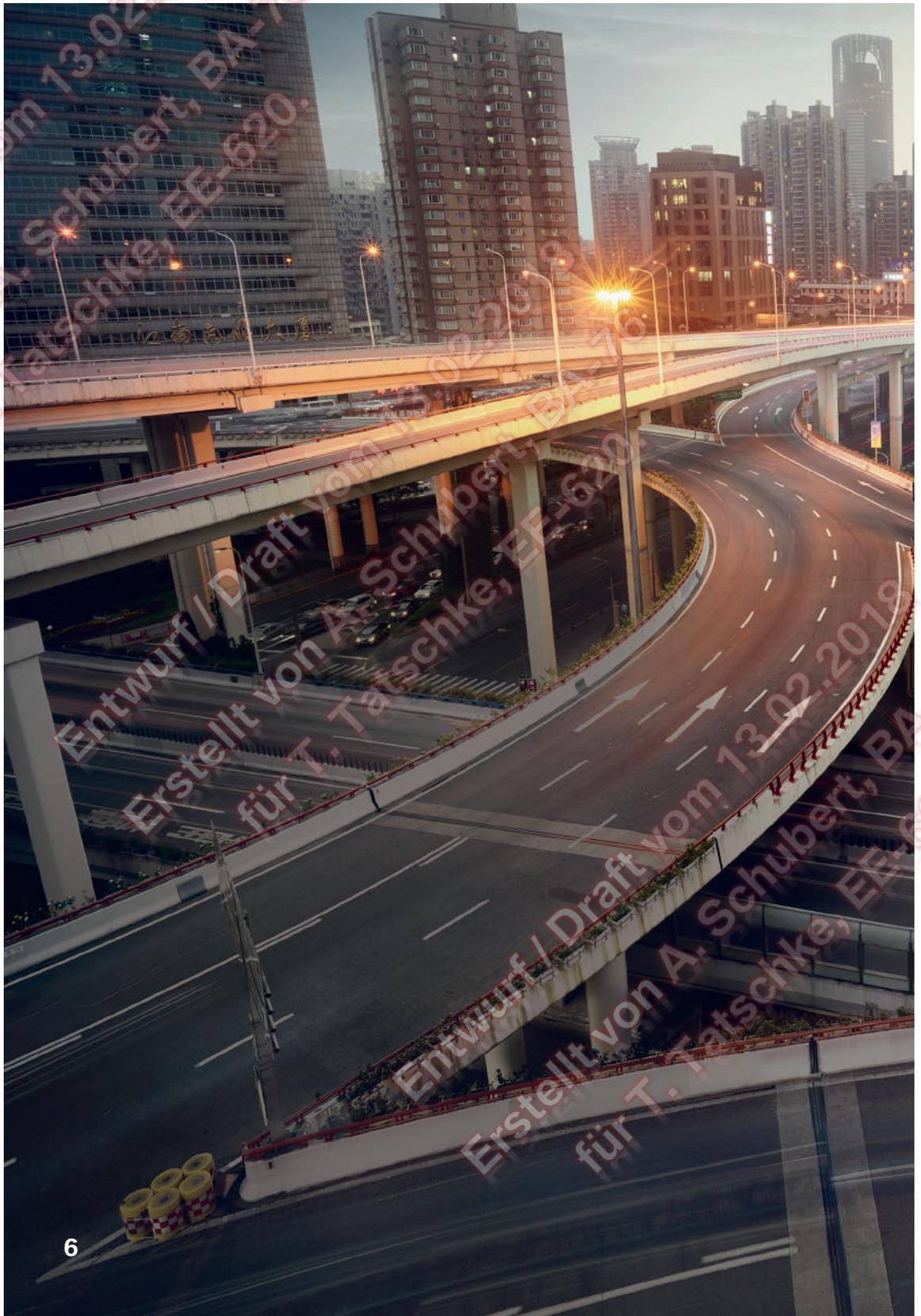
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Navigation, entertainment and communication can be called up in the following Owner's Handbooks: Integrated Owner's Handbook in the vehicle, Online Owner's Handbook, BMW Driver's Guide app.

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NAVIGATION

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Navigation system

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

Overview

General

The navigation system can determine the precise position of the vehicle by means of satellites and guide you reliably to any specified destination.

Navigation data is saved in the vehicle and can be updated with a USB data storage medium.

Certain navigation system services are only available in full if you agree to the data protection terms. The services, see page 30, can be configured individually.

Calling up the navigation system

-  Press the button on the Controller.
- "NAV"

Buttons on the Controller

The buttons on the Controller enable quick access to the navigation system.

Symbol	Function
	Call up the destination input menu.
	Call up map view. If route guidance is active, call up the information window.

Safety notes

WARNING

Operating integrated information systems and communication devices during a journey may distract you from the traffic. You could lose control of the vehicle. There is a danger of accidents. Only operate the systems or devices if permissible in the traffic situation. Stop if necessary and operate the systems or devices with the vehicle at a standstill.

WARNING

The current road and traffic situation may differ from the instructions given by the navigation system, for example due to changes in road routing or roadworks. There is a danger of accidents. Always obey the traffic regulations and road signs.

Split screen

Principle

Additional information for navigation can be shown on the right-hand part of the split screen.



Switching on/off

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Split screen"
4. "Split screen"

Selecting the display

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Split screen"
4. Select the desired setting.

Arrow view

Principle

When route guidance is active, route guidance information can be displayed as a list in the split screen.

General

On multi-lane roads, lane information shows the recommended lanes if necessary.

The current vehicle position can also be shown in the lane information

Display

The following information is displayed during route guidance:



- 1 Turn-off prompt
- 2 Upcoming road

- 3 Distance to manoeuvre
- 4 Lane information
- 5 Current road

Depending on the national specification, the display may differ from that illustrated.

Navigation data

General

Navigation data is saved in the vehicle and can be updated via a USB medium.

Current navigation data is available from a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop or from the ConnectedDrive store.

Depending on the volume of data, updating the navigation data can take several hours. You can check the status of the update process.

To save the vehicle battery, the navigation data is updated during a journey.

Updating

1. Connect a USB medium with the new navigation data to a USB interface in the front.
2. Follow the instructions on the Control Display.
3. After updating, remove the USB medium.

Information on the current map version

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Settings"
4. "Update"



Automatic map update

General

Depending on the equipment and the country specifications, navigation data for the home region is transferred to the vehicle online several times a year, where it is automatically installed and updated.

Activating/deactivating

The automatic map update services can be activated or deactivated in the settings, see page 30.



Destination input

Vehicle equipment

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Quick search

Principle

Depending on the equipment version, Points of Interest and addresses can be searched online or in the navigation data saved in the vehicle by entering a sequence of letters.

All entries containing this sequence of letters are shown.

General

You can search for a town/city and street at the same time. To do this, enter a sequence of letters for the town name, then a space, and then a sequence of letters for the street name.

Calling up quick search

1.  Press the button on the Controller.
2.  "Quick search"
3. Enter at least two letters or characters.

If applicable, the search term will be automatically completed in grey text.

Tilt the Controller upwards to accept the suggested search term.

4. **OK** Select symbol as appropriate.
The results are shown as a list.
5. "Search location": select search location if applicable.
6. Tilt the Controller to the right.
7. Select the desired destination.

Last destinations

General

The last destinations driven to are saved automatically.

Calling up a destination from last destinations

1.  Press the button on the Controller.
2.  "Recent destinations"
3. Select a destination.

Editing last destinations

1.  Press the button on the Controller.
2.  "Recent destinations"
3. Highlight a destination.
4.  Press the button.
5. Select the desired setting:
 - ▶ "Save destination as favourite": save as favourite destination.
 - ▶ "Delete entry": delete the selected destination.
 - ▶ "Delete entire list": delete the list of last destinations.



Destination input by voice control

General

- ▷ For the handbook for the voice control system, see Owner's Handbook for the vehicle.
- ▷ When entering destinations using spoken commands, it is possible to switch between voice control and iDrive.
- ▷ To have possible voice commands read aloud: ›Voice commands‹ or ›Help‹.

Voice commands

- ▷ Complete addresses can be spoken in a single command. When entered individually, countries, towns/cities, streets and junctions can be spoken in whole words. To do so, the language of the system must be set to the language of the destination country.
- ▷ Addresses can be spelled out even if the system is set to a different language. Pronounce letters fluently and avoid excessive intonation and pauses.
- ▷ You can search online for Points of Interest for navigation using natural language; for example, by asking for certain restaurants nearby.
- ▷ The options for input depend on the specific navigation data and the country and language settings.

Entering an address in a command

The desired destination can be entered in a command. There are different options for stating the destination.

For destinations within the same town/city, you merely need to state the street. The system will adopt the current town/city automatically.

It is also possible to say Points of Interest, for example ›Drive to the nearest filling station‹.

1.  Press the button on the steering wheel.
2. State your desired destination in one sentence.

Home address

General

The home address must be created in order to set it as the destination.

Defining the home address

1.  Press the button on the Controller.
2.  "Home address"
3. Enter an address.

Accepting your home address as a destination

1.  Press the button on the Controller.
2.  "Home address"

Editing the home address

1.  Press the button on the Controller.
2. Highlight the home address.
3.  Press the button.
4. Select the desired setting:
 - ▷ "Edit entry": change the home address.
 - ▷ "Delete entry": delete the home address.



Points of Interest

General

Points of Interest are special locations that can be useful during a journey. Points of Interest, for example restaurants, hotels, service stations or charging stations, can be accepted as a destination. Even if the navigation data is up to date, information on individual Points of Interest may have changed, for example filling stations may not be in operation.

Searching for Points of Interest

Calling up Point of Interest search

-  Press the button on the Controller.
-  "Points of interest"
- Select the desired setting:
 - "Category search": search for Points of Interest in navigation data saved in the vehicle.
 - Search using preferred Point of Interest categories.

Category search

- "Category search"
- "Search location": select search location.
- Select the desired Point of Interest category or search for all Point of Interest categories if applicable.

The Points of Interest are searched for at the current location.

When route guidance is active, the Points of Interest are searched for along the route.

- The list of Points of Interest is displayed. The Points of Interest are sorted by distance.
- "Filter": to adapt the search criteria if necessary:
 - "Filter search results by:": to change sorting.

Depending on the equipment, filling stations can be sorted by fuel price.

- ▷ "Search location": to change search location.
 - ▷ Select category details if necessary.
 - ▷ "Keyword": to restrict list by a keyword search.
- "Show results"
 - Select a Point of Interest. The details are displayed.
 - Select an address.
 - "Start route guidance"

Preferred Point of Interest categories

Point of interest categories that have been searched for most frequently are displayed.

Select a preferred Points of Interest category to search at the location for Points of Interest of the desired category.

When route guidance is active, preferred Point of Interest categories are searched for along the route.

Displaying Points of Interest in the map

Principle

The categories of the Points of Interest can be shown as symbols on the map.

Selecting categories

-  Press the button on the Controller.
- Tilt the Controller to the right.
-  "Settings"
- "Map settings"
- "Points of interest on the map"
- Select the desired setting.

The display can be switched on and off in the function bar of the map view, see page 24.



Favourites

Principle

Addresses, Points of Interest and the current position can be saved as favourites.

Saving current position as a favourite

General

The current position can also be saved after destination input or via the interactive map, even while driving.

Saving

1.  Press the button on the Controller.
2. Press the Controller.
3.  "Save map as favourites"
The current position is saved in the list of favourites.

Selecting

1.  Press the button on the Controller.
2.  "Favourites"
3. Select an entry.

Editing

Editing display names

1.  Press the button on the Controller.
2.  "Favourites"
3. "Edit entry"
4. Highlight the entry.
5.  Press the button.

6. "Name displayed"
7. Enter a name for the destination. For an explanation of the principle, see Owner's Handbook for the vehicle.

Assigning a colour for an icon

1.  Press the button on the Controller.
2.  "Favourites"
3. Highlight the entry.
4.  Press the button.
5. "Edit entry"
6. "Pin"
7. Select the desired setting.

Audio signal

Principle

A signal sounds when you are approaching a favourite.

Assigning audio signal

1.  Press the button on the Controller.
2.  "Favourites"
3. Highlight the entry.
4.  Press the button.
5. "Edit entry"
6. "Set favourite alert for this destination"

Deleting Favourites

1.  Press the button on the Controller.
2.  "Favourites"
3. Highlight the entry.
4.  Press the button.
5. "Delete entry"



Showing details

1.  Press the button on the Controller.
2.  "Favourites"
3. Highlight the entry.
4.  Press the button.
5. "Show details"

Deleting all entries

1.  Press the button on the Controller.
2.  "Favourites"
3.  Press the button.
4. "Delete entire list"

Changing the sorting

1.  Press the button on the Controller.
2.  "Favourites"
3.  Press the button.
4. "Refresh list"

Entering the destination using an address

General

For the address, the country and town/city must be entered as a minimum. If only the town/city has been entered, route guidance to the town/city centre is started.

Selecting a country

1.  Press the button on the Controller.
2.  "Address input"
3. "Country"
4. Select the country from the list.

Entering an address

1. Enter letters or numbers for the town/city.
2. Tilt the Controller to the right to select the town/city or postal code from the list.
3. Enter the street in the same way as for the town/city or skip this entry.
4. Enter letters or numbers for the house number/junction or skip this entry.
5. If applicable, switch to the list of house numbers or junctions so as to select the house number/junction.

Starting route guidance

"Start route guidance" or add a stopover, see page 16.

Selecting a destination from contacts

1.  Press the button on the Controller.
2.  "Contacts"

Contacts with addresses are displayed if these addresses have been checked as destinations. Checking an address as a destination, see page 60.

3. Select a contact.
4. Select an address.

Received destinations

General

If destinations or routes have been transferred to the vehicle via the BMW Connected app or the BMW route portal, they are automatically saved as a received destination and can be added to the route guidance.

Destinations sent from the Concierge Service, for example, are saved in the received destinations.



Calling up a destination from received destinations

1.  Press the button on the Controller.
2.  "Received destinations"
3. Select a destination.

Editing received destinations

1.  Press the button on the Controller.
2.  "Received destinations"
3. Highlight the entry.
4.  Press the button.
5. Select the desired setting:
 - ▶ "Save destination as favourite": save as favourite destination.
 - ▶ "Delete entry": delete the selected destination.
 - ▶ "Delete entire list": delete the list of received destinations.

Entering a destination using GPS coordinates

Principle

Destinations can be entered directly using GPS coordinates.

General

The coordinates can be entered in degrees, minutes and seconds or as a decimal value.

Calling up

1.  Press the button on the Controller.
2.  "GPS coordinates"
 - ▶ "Degrees Minutes Seconds"
 - ▶ "Decimal"

3. "Longitude" or "Latitude"
4. Enter the desired coordinates and compass direction.
5. If necessary, enter values for minutes and seconds, and compass direction.
6. "Apply coordinates"

Trip

General

When planning a trip, it is possible to enter several stopovers.

New trip

1.  Press the button on the Controller.
2. Select the mode of destination entry.
3. Select the individual destination.
4. Enter a stopover.

Stopovers

General

An individual destination must be set prior to entering a stopover.

A maximum of 30 stopovers can be entered for one trip.

Enter a stopover

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Intermediate dest."
4. Select the mode of destination entry.
5. Enter a stopover.

Sorting stopovers

The order of the stopovers can be modified. From the second stopover onwards, the list of



stopovers is automatically displayed when a new stopover is entered.

1.  Press the button on the Controller.
2.  "Destination info"
3. "Sort destinations"

Editing stopovers

1.  Press the button on the Controller.
2.  "Destination info"
3. Highlight the stopover.
4.  Press the button.
5. Select the desired setting:
 - ▷ "Save destination as favourite": save the stopover as a favourite.
 - ▷ "Delete entry": to delete the stopover.

Saved journeys

General

Up to 30 trips can be saved in the trip list. If necessary, delete existing trips so that new trips can be saved.

Saving

The route guidance for the journey must be active.

1.  Press the button on the Controller.
2.  "Destination info"
3. "Save journey"
4. Enter name.
5. **OK** Select the symbol.

Selecting

1.  Press the button on the Controller.
2.  "Journeys"
3. Select the desired journey.

Editing

1.  Press the button on the Controller.
2.  "Journeys"
3. Highlight the desired trip.
4.  Press the button.
5. Select the desired setting:
 - ▷ "Rename": rename journey.
 - ▷ "Delete entire list": delete journey.

Last journey

The last journey driven is automatically saved and can be called up again. The last journey is at the top of the list of saved journeys.

Transferring journeys to the vehicle

Journeys can also be planned via the BMW route portal and transferred to the vehicle. Journeys transferred from the BMW route portal are saved under the received destinations, see page 15.



Map

Vehicle equipment

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Map, overview

Calling up the map

 The map can be directly called up with the button on the Controller.

Overview

General

The map can be operated using iDrive.

For an explanation of the principle, see Owner's Handbook for the vehicle.

Map view



- 1 Touchscreen operation: change the map view
- 2 Status field
- 3 Call up the destination input menu
- 4 Route stage with traffic obstruction
- 5 Road sign for traffic obstruction
- 6 Planned route
- 7 Location
- 8 Function bar

Function bar

To switch to the function bar, tilt the Controller to the right.

Symbol	Function
	Ending route guidance.
	Route preview.
	To switch spoken instructions on/off.
	Traffic information. Status of traffic information.
	Select theme map.
	Set up map.
	Add a stopover.

Map

NAVIGATION



Symbol	Function
	Settings.
	Split screen.

Status field

The following information is displayed:

- ▷ Symbol for active route guidance.
- ▷ Time and distance to destination.
- ▷ Possible time delay due to traffic obstructions.

Traffic obstructions

If traffic information is received, traffic obstructions can be shown on the map.

Traffic information, see page 26.

Route guidance

Starting route guidance

1.  Press the button on the Controller.
2. Select the mode of destination entry, see page 11.
3. Select a destination.
4. Start route guidance if necessary.

Information window for route guidance

General

Once the route has been started, an information window appears automatically in which the route criteria can be adjusted and alternative routes displayed. The route magnet can be used to change the current course of the route.

Displaying the information window again

1.  Press the button on the Controller.

Touchscreen operation: when route guidance is active, you can tap the status field, see page 18, on the map view to display the information window again.

Calling up active route guidance

Principle

Once a route guidance instance has been started, it can be called up again.

Calling up current route guidance

1.  Press the button on the Controller.
2.  "Destination info"

Simulating route guidance

Principle

The journey along a route can be simulated while the vehicle is stationary with route guidance active.

Activating demo mode

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Settings"
4. "Demo mode"

Starting demo mode

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Demo"



NAVIGATION

Map

Functions

Symbol	Function
	"End"
	"Start"
	"Pause"
	"Change current location"

Setting the speed

- Press the button on the Controller.
- Tilt the Controller to the right.
- "Demo"
- "Speed"
- Select the desired setting.

Ending route guidance

- Press the button on the Controller.
- Tilt the Controller to the right.
- "Stop"

Settings for route guidance

Additional settings can be made for route guidance. Settings for route guidance, see page 31.

Route

Principle

During route guidance, more detailed information can be displayed about the current route and the route itself can be adapted.

General

Depending on the equipment version, various views of the course of the route are available during route guidance:

- ▷ List of route sections, see page 20.

- ▷ Map view, see page 18.
- ▷ Route guidance information on the map, see page 25.
- ▷ Arrow view in the split screen, see page 9.
- ▷ Arrow view in the instrument cluster.
- ▷ Depending on the equipment, arrow view in the Head-Up Display.

Route criteria

General

You can influence the calculated route by selecting various criteria. The suggested route can differ from your personal experience.

Default settings for route criteria

The route criteria can be set individually. The settings are saved as default and are automatically used for new route guidance procedures.

Default settings for route, see page 31.

Route preview

Principle

When route guidance is active, a list of the route sections can be displayed.

General

The following information is displayed:

- ▷ Display of route guidance information, such as turn-off prompts or lane information.
- ▷ Traffic incidents and traffic flow.
- ▷ Points of Interest along the route. Points of Interest can be selected and added directly to the route guidance.
- ▷ Possible stopping places along the route, for example refuelling recommendations.

Displays

- Press the button on the Controller.



2. Tilt the Controller to the right.
3.  "Journey list"

Route magnet

Principle

If route guidance is active, the route displayed on the map can be manually adjusted. For this purpose, use a marking point on the route, the 'route magnet', to drag the route in the desired direction.

General

The route magnet can alternatively be operated using the touchscreen.

When route guidance is active, the route magnet can also be called up via the information window, see page 19, on the map.

Calling up the route magnet

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Journey list"
4. Tilt the Controller to the right.
5. "Edit route"
6.  "Route magnet"

Positioning the route magnet

1.  Press the button on the Controller.
2. Press the Controller.
3. "Interactive map"
4. Use the cross-hairs to select the route section for which the route magnet is to be set.
 - ▶ To change the scale: turn the Controller.
 - ▶ To move the map: tilt the Controller in the corresponding direction.
 - ▶ To move the map diagonally: tilt the Controller in the corresponding direction and turn the Controller.

5. Press the Controller.
6. "Add route magnet"

Changing the route magnet

1. If necessary, tilt the Controller to select the route section for which the route magnet is to be changed.
2. Press the Controller.
3. Select the desired setting:
 - ▶ "Modify route magnet": to change the amended route again.
 - ▶ "Remove route magnet": restore the original route.

Alternative routes

Principle

When route guidance is active, alternative routes are suggested if possible.

General

The alternative routes can be displayed on the map and changed via an information window for route guidance, see page 19. The information window is displayed automatically when route guidance is started.

Displaying alternative routes

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Journey list"
4. Tilt the Controller to the right.
5. "Edit route"
6. "Alternative route"

Display

An overview of the current route and the proposed alternative routes is shown. The routes are shown in colour on the map.

The following details are displayed:



- ▷ Arrival time and, if applicable, delay due to current traffic conditions.
- ▷ Route length.
- ▷ The symbol indicates how high the fuel consumption on the route is. The more leaves displayed, the more optimised the route is for consumption.
- ▷ Costs for tolls, for example, that will be encountered on the route (if applicable).

Online alternative routes

Online alternative routes are transmitted to the vehicle online. As soon as online alternative routes are available, they are automatically shown on the Control Display and can be added to the route guidance.

Information about traffic obstructions and traffic forecasts can be taken into account here.

If Dynamic Route Guidance is activated as well as online alternative routes, available online alternative routes are automatically adopted into the route guidance.

Activating/deactivating online alternative routes, see page 30.

Scheduling in stopping places along the route

Principle

For active route guidance, a Point of Interest search can be used to schedule in stopping places along the route, for example for refuelling or to take a break.

General

Even with the most up-to-date navigation data, information on individual service stations may have changed, for example service stations may not be in operation.

Refuelling recommendations are shown in the route list, see page 20.

Calling up

1. Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Journey list"
4. Tilt the Controller to the right.
5. "Places to stop"
6. Search for the desired Point of Interest category, for example filling stations.
7. "Filter": adapt the search criteria if applicable.
8. Select a Point of Interest.
The details are displayed.
9. Select an address.
10. "Start route guidance"

Reduced overview of route preview

Principle

Only the traffic flow is shown in the route preview view.

Displaying reduced overview

1. Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Journey list"
4. Tilt the Controller to the right.
5. "Reduced route summary"

Learning navigation

If the driver deviates from the proposed route several times in an identical manner, this deviation will be taken into account in future route planning. Destinations that have been entered in the route guidance several times are also taken into account in future route planning and are suggested automatically when applicable. Activating/deactivating learning navigation, see page 30.



Spoken instructions

Switching on/off

The setting is saved for the currently used driver profile.

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.   "Spoken instructions"

Repeating

1.  Press the button on the Controller.
2. Press the Controller.
3. "Repeat spoken instruction"

Using the button:

1.  Press the button twice.

Volume control

Turn the volume knob during the spoken instruction until the desired volume is obtained.

Saving to Favourites buttons

The enable/disable spoken instructions function can be saved to a Favourites button for quick access.

Theme maps

Principle

The map view is optimised for a particular view, for example to display the current parking space situation.

General

Depending on the setting, the theme maps are displayed automatically. Setting the map, see page 30.

Selecting a theme map

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Theme map"
4. Select the desired setting:
 - ▶  "Parking map": display parking map.
 - ▶  "Weather map": display map with weather symbols.

Parking map

Principle

The parking map makes it easier to find available parking spaces in towns/cities.

Functions in the parking map

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Theme map"
4.  "Parking map"
5. Tilt the Controller to the right.
6. Select the desired setting:
 - ▶  "Parking Space Assistant": call up the parking space assistant.
 - ▶  "Recently vacated spaces": display symbols for BMW vehicles that are just leaving an on-street parking space. The symbol border indicates the likelihood of being able to park. If the symbol border is still shown as completely blue, this indicates the best chances of parking.
 - ▶  "Points of interest": display symbols for Points of Interest such as parking garages or park-and-ride car parks on the map.
 - ▶  "On-Street Parking": display coloured lines to indicate the likelihood of finding available on-street parking spaces. The more visible the lines, the greater the probability of finding a parking space.



Parking space assistant

Principle

The parking space assistant can be used to start route guidance to the roads near the destination with the best chances of parking or to a nearby car park.

Calling up

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Theme map"
4.  "Parking map"
5. Tilt the Controller to the right.
6.  "Parking Space Assistant"

A message showing the suggestions is displayed.

Settings

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Theme map"
4.  "Parking map"
5. Tilt the Controller to the right.
6.  "Settings"
7. Select the desired setting:
 - ▶ "Points of interest": select Point of Interest categories for the parking map.
 - ▶ "On-Street Parking": select which type of on-street parking spaces should be shown, for example only parking spaces that are free of charge.
 - ▶ "Availability": the list of towns/cities for which parking information is available can be displayed.
 - ▶ "Park Assist": activate the automatic parking space assistant. Parking suggestions are displayed automatically.

Setting up the map

Setup

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Set up map"
4. Select the desired setting:
 - ▶ "Map view": selecting the map view.
 - ▶ "In direction of travel"
 - ▶ "North-oriented"
 - ▶ "Perspective"
 - ▶ "Zoom": select the scale.
 - ▶ "Auto zoom": if route guidance is active, the map is automatically enlarged when approaching a manoeuvre.
 - ▶ "Manual zoom": to manually enlarge or reduce scale of the map.
 - ▶ "Route overview": to display the route between the location and destination.
 - ▶ "Points of interest": symbols for Points of Interest are shown.
 - ▶ "Traffic flow": lines are displayed for the traffic flow.

Information on traffic flow in the map view, see page 28.
 - ▶ "Traffic events": symbols for traffic incidents are displayed.
 - ▶ "Route guidance info": when route guidance is active, route guidance information is displayed along the route.
 - ▶ "Favourite destinations": symbols for saved destinations are displayed.
 - ▶ "Traffic lights": symbols for traffic lights are displayed.
 - ▶ "3D buildings": depending on availability and resolution, buildings are shown in 3D for certain scales.
 - ▶ "Satellite images": depending on availability and resolution, satellite images are



shown as the background in several scales.

- ▷ "Further settings": make additional settings.

Route guidance information

Principle

When route guidance is active, route guidance information can be displayed in the map view at the corresponding manoeuvring points on the current route.

General

On multi-lane roads, lane information shows the recommended lanes if necessary.

The current vehicle position can also be shown in the lane information.

Route guidance information can also be displayed using arrow view in split screen, see page 9. If the arrow view is active in the split screen, no lane information will be shown.

Displaying route guidance information

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Set up map"
4. "Route guidance info"

Display



Functions in the map view

General

A variety of information can be called up and settings made for any point on the map.

The map can alternatively be operated using the touchscreen.

Interactive map

Operating the interactive map

1.  Press the button on the Controller.
2. Press the Controller.
3. "Interactive map"
4. Use the cross-hairs to select the desired point on the map.
 - ▷ To change the scale: turn the Controller.
 - ▷ To move the map: tilt the Controller in the corresponding direction.
 - ▷ To move the map diagonally: tilt the Controller in the corresponding direction and turn the Controller.
5. Press the Controller.
6. Select the desired setting.

Leaving the interactive map

1.  Press the button on the Controller.
2. Press the Controller.
3. "Leave interactive map"

Functions

Various functions are available, depending on the selected point on the map:

- ▷ "Repeat spoken instruction"
 - With active route guidance.
- ▷ "Show details": any details on the destination can be shown.



- ▷ "Show list": if the cross-hairs remain over a position with several Points of Interest, these are shown as a list.
- ▷ "Save map as favourites": save position in the cross-hairs as favourite.
- ▷ "Show destination": the map section around the destination is displayed.
- ▷ "Change map view": to switch map view.
- ▷ "Parking at destination": search for parking spaces at the destination.
- ▷ "Block route": set a detour for a route section.
- ▷ "Cancel blocking": cancel a detour.
- ▷ "Start route guidance": start route guidance to the selected point on the map.
- ▷ "Add as intermediate destination": add a stopover while route guidance is active.
- ▷ "Delete intermediate dest.": to delete the stopover.
- ▷ With touchscreen:
 - "Back to current location": return to current vehicle position.
 - "Send current location": send current vehicle position.

Avoid areas

Principle

Areas that should be bypassed, can be defined as areas to avoid.

General

Saved avoid areas, see page 31, can be activated and deactivated.

Defining an avoid area

1. Select the area to be avoided on the map.
2.  Press the button on the Controller.
3. Press the Controller.
4. "Set new area to avoid"

5. Follow the instructions on the Control Display.
6. Press the Controller to add the avoid area.

Editing an avoid area

1. Select the desired avoid area on the map.
2.  Press the button on the Controller.
3. Press the Controller.
4. Select the desired setting:
 - ▷ "Edit": change the selected avoid area.
 - ▷ "Rename area to avoid": rename the selected avoid area.
 - ▷ "Delete": delete the selected avoid area.

Traffic information

General

Traffic information from radio stations which broadcast the Traffic Message Channel TMC, a traffic warning service, is shown in the map view and is taken into account when calculating the route. Information on traffic obstructions and hazards is continuously updated.

Traffic information is displayed on the map by symbols.

For particular dangers, for example objects on the road, a message is displayed.

Some hazard messages are also displayed as a Check Control message in the instrument cluster.



Display in the map view

Symbol	Function
	Yellow symbol: The expected delay is less than 20 minutes.
	Red symbol: The expected delay is more than 20 minutes or the route is closed or there is a hazard message for the route.
	Grey symbol: The expected delay is more than 5 minutes.
	A suitable diversion is available with the traffic information.

Real Time Traffic Information RTTI

In some countries, RTTI is transmitted via additional bookable services. RTTI is then used and displayed instead of the traffic information from the radio stations.

RTTI enables traffic delays to be located more accurately and in greater detail. In addition, the traffic situation off the motorways, for example, on side streets and urban roads, is extensively recorded and shown. Diversion recommendations can be calculated more precisely on the basis of this information. This lowers the risk of coming across another traffic obstruction on diversions. Several recommended diversions or further information may be provided.

For journeys in countries where RTTI is not available, the system continues to use traffic information from radio stations, if possible.

The function bar of the map view, see page 18, shows whether traffic information from the Traffic Message Channel TMC or RTTI is being used.

Activating/deactivating

The traffic information services can be activated or deactivated in the settings, see page 30.

Displaying the list of traffic information

- Press the button on the Controller.
- Tilt the Controller to the right.
- "Traffic information"

When route guidance is active, the traffic information affecting the calculated route is shown first, with red symbols. Then the traffic information not affecting the route is shown with grey symbols. The various items of traffic information are sorted by distance from the vehicle's current position.

- Select the item of traffic information.
 - "Next traffic events": browse to the next traffic information.
 - "Previous traffic events": browse to the previous traffic information.

Displaying the recommended diversion

- Press the button on the Controller.
- Tilt the Controller to the right.
- "Traffic information"
- "Diversion": a recommended diversion is displayed.

The following functions are available:

- "Current route": to keep the current route.
- "Diversion": to accept the diversion.

Traffic information in the map

Illustrating traffic information in the map view

- Press the button on the Controller.



NAVIGATION

Map

2. Tilt the Controller to the right.
3.  "Set up map"
 - ▷ "Traffic events": symbols for traffic incidents are displayed.
 - ▷ "Traffic flow": lines are displayed for the traffic flow.

Symbols in the map view

Symbols for traffic incidents are displayed depending on the map scale and location of the traffic obstruction.

Information on traffic flow in the map view

The length and effect of a traffic obstruction are indicated on the map by coloured lines, depending on the scale.

- ▷ Black: closure.
- ▷ Red: traffic jam.
- ▷ Orange: queuing traffic.
- ▷ Yellow: heavy traffic.
- ▷ Green: free-flowing traffic.
- ▷ Grey: general traffic information, for example road works.

The information displayed depends on the specific traffic information service.

Dynamic Route Guidance

Principle

With Dynamic Route Guidance, the traffic information is taken into account in the calculation of the route.

Setting dynamic route guidance

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Settings"
4. "Route settings"

5. "Dynamic route guidance"
6. Select the desired setting:
 - ▷ "Automatic": the route is automatically changed if a traffic obstruction is encountered.
 - ▷ "With confirmation": a message is displayed first asking whether the route should go round the traffic obstruction.
 - ▷ "Off": do not display any dynamic route guidance messages.

Frequently Asked Questions

Why can the current position not be displayed?

- ▷ The position is in an area not covered by the data, is in a poor reception area or the system is currently calculating the position.

Reception will normally be possible in the open.

Why is a destination with no street details not transferred to the route guidance system?

- ▷ No city centre can be determined for the town/city entered.

Enter any street in the town/city selected and start route guidance.

Why is a destination not transferred to the route guidance system?

- ▷ The data for the destination is not available in the navigation data. Choose a destination as close as possible to the original one.

Why can letters not be selected for destination input?

- ▷ The data for the destination is not available in the navigation data. Choose a destination as close as possible to the original one.

Why are spoken instructions no longer given immediately before junctions during route guidance?

Map

NAVIGATION 

- ▶ You have left the recommended route and the system requires a few seconds to calculate a new proposed route.

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für T. Tatschke, EE-620.

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Settings

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

General

The navigation settings can be configured individually. The settings are saved for the currently used driver profile.

Services

Principle

The vehicle offers various functions which require data to be transferred to BMW or a service provider. The transfer of data can be deactivated for some functions.

General

If data transfer has been deactivated for a service, then that service cannot be used. Only perform settings with the vehicle at a standstill.

Configuring services

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3. "Settings"

4. "Configure services"
5. Select the desired setting.

Map

Principle

The map view can be individually adjusted, for example the map colour and map mode can be set. In addition, it is possible to define which Points of Interests are displayed on the map.

Setting the map

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Settings"
4. "Map settings"
5. Select the desired setting:
 - ▷ "Day/Night": set the map mode depending on the light conditions, for example night mode or automatic map mode.
 - ▷ "Map style": set the map style.
 - ▷ "Automatic display of theme map": display theme maps automatically.
 - ▷ "Simplified mode": the map view switches to sedated mode after a certain amount of time. The displays in the map view are reduced to the minimum necessary.
 - ▷ "Points of interest on the map": set which Point of Interest categories are displayed on the map.



Route

Principle

The route criteria can be set individually. The settings are saved as default and are automatically used for new route guidance procedures.

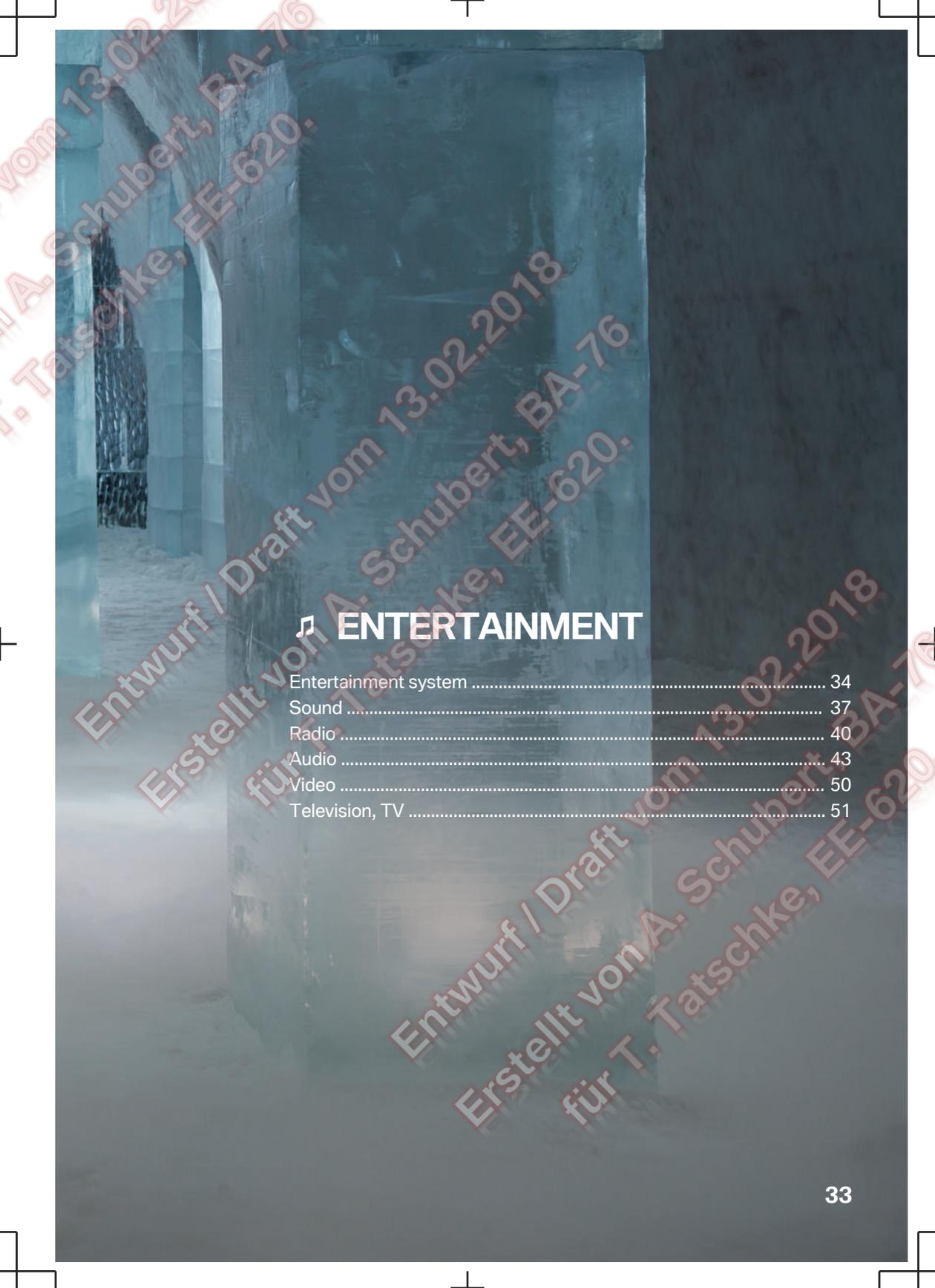
Setting the route criteria

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Settings"
4. "Route settings"
5. Select the desired setting:
6.  "Route guidance"
 - ▷ "Fast": time-optimised route resulting from a combination of a route as short as feasible and fast roads.
 - ▷ "Short": distance-optimised route resulting from a combination of a route as short as feasible and fast roads.
 - ▷ "Efficient": consumption-optimised route resulting from a combination of a route requiring the lowest possible consumption and fast roads.
 - ▷ "Dynamic route guidance": with Dynamic Route Guidance, see page 28, the traffic information is taken into account in the calculation of the route.
 - ▷ "Motorways": motorways are used/avoided as far as possible.
 - ▷ "Toll roads": toll roads are used/avoided as far as possible.
 - ▷ "Ferries/trains": ferries and car trains are used/avoided as far as possible.
 - ▷ "Tax vignette": routes with long-term tolls are avoided as far as possible. The setting can be restricted by selecting the countries.
 - ▷ "Area to avoid:": activate/deactivate avoid areas, see page 26.

Setting route guidance

1.  Press the button on the Controller.
2. Tilt the Controller to the right.
3.  "Settings"
4. "Route guidance settings"
5. Select the desired setting:
 - ▷ "Automatic length of route guidance": automatic route guidance features.
 - ▷ "Length of navigation prompts"
 - ▷ "Detailed"
 - ▷ "Reduced"
 - ▷ "Gong"
 - ▷ "3D junction view": selected sections of route, for example motorway intersections, are shown in perspective.
 - ▷ "Passive manoeuvres": display additional information, such as tunnels.





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🎵 ENTERTAINMENT

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Entertainment system

Vehicle equipment

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Controls

Buttons and functions

Button	Function
	<p>Press: to switch the sound output on/off.</p> <p>Turn: to adjust the volume.</p>
	To change the entertainment source.
	<p>Press once: to change the station/track.</p> <p>Press and hold: to fast forward/rewind the track.</p>
	Favourites buttons.
	To activate/deactivate traffic information.
	For Australia/New Zealand: To change waveband.

Sound output

Safety note

WARNING

Having the volume of the sound output on a high setting can damage your hearing. There is a danger of injury. Do not use a high setting for the volume.

Volume and sound output



- ▷ Turn the knob to set the volume.
- ▷ Press the knob to switch off the sound output. Pressing again restores the previous volume.

Playback of audio recordings is stopped when muting is active.

Entertainment sources

General

Possible entertainment sources:

- ▷ Radio, see page 40.
- ▷ Music hard disc, see page 43.
- ▷ USB audio, see page 46.
- ▷ USB video, see page 50.
- ▷ Bluetooth audio, see page 46.
- ▷ Screen Mirroring, see page 50.
- ▷ Apple CarPlay, see page 71.

Changing the entertainment source

On the radio:

-  Press the button.
A list of all currently available entertainment sources is displayed.
-  Press the button again to select an entertainment source.

Via iDrive:

- "MEDIA"
A list of all possible entertainment sources is displayed.
- Select the desired entertainment source.

Via the button on the Controller:

-  Press the button.
The entertainment source last selected is played.
-  Press the button again.
A list of all currently available entertainment sources is displayed.
- Select the desired entertainment source.

Adapting the selection list for the entertainment sources

It is possible to select which entertainment sources are displayed in the selection list. The entertainment source currently being played cannot be removed from the selection list.

- "MEDIA"
A list of all possible entertainment sources is displayed.
- "Personalise menu"
- Select the desired setting.

Audio remote control in the rear

Principle

Operation is in the same way as the corresponding buttons on the radio.

Controls

Button	Function
	Turn the wheel: to adjust the volume. Press the middle button: to switch the sound output on/off.
	To change the entertainment source.
	Press the left or right button: to switch stations, tracks or chapters. Press and hold the left or right button: to fast forward/rewind.

The send time of the remote control is limited in accordance with legal regulations. Pressing or turning the relevant button again allows a function to be executed again.

Changing the batteries

NOTE

If batteries are used in the remote control, damage can occur due to the contained substances. There is a danger of damage to property. Do not use rechargeable batteries.



ENTERTAINMENT

Entertainment system



1. Remove the cover. To do so, press the cover, arrow 1, and push forwards, arrow 2.
2. Insert batteries of the same type.
3. Close the cover.



Dispose of old batteries at a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop or hand them into an authorised collecting point.

Sound

Vehicle equipment

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General

Settings are saved in the currently used driver profile.

Treble, bass, balance, fader

1. "CAR"
2. "Settings"
3. "General settings"
4. "Sound" or "Bowers & Wilkins sound"
5. Select the desired setting:
 - ▷ "Treble": treble adjustment.
 - ▷ "Bass": bass adjustment.
 - ▷ "Balance": left/right volume distribution.
 - ▷ "Fader": front/rear volume distribution.
6. To adjust: turn the Controller.
7. To save: press the Controller.

Multichannel reproduction, surround

When surround is activated, multichannel reproduction is simulated when playing a soundtrack in stereo.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Sound"
5. "Surround" or "Logic 7 Surround"

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Equaliser

Settings for individual sound frequency ranges.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Sound" or "Bowers & Wilkins sound"
5. "Equaliser"

The current bass and treble settings, see page 37, are shown on the left and right edges of the equaliser screen. These values can also be set in the equaliser. The treble and bass sound settings affect the settings of the audio frequency ranges of the equaliser.

To select and adjust the treble and base settings or an audio frequency range:

1. Turn the Controller to select the audio frequency range to be set.
2. Press the Controller.



3. Turn the Controller to set the audio frequency.
4. Press the Controller to save the setting.

Bowers & Wilkins Diamond Surround Sound System

For an optimum listening experience inside the vehicle, you can choose between different sound profiles depending on the type of music you are listening to.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Bowers & Wilkins sound"
5. "Sound profiles"
6. Select the desired setting.

Volume compensation

To compensate for the increasing driving noise at higher speeds, it is possible to set an automatic volume increase.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Sound" or "Bowers & Wilkins sound"
5. "Volume settings"
6. Select the desired setting:
 - ▷ "Navigation": ratio between the volume of spoken instructions and the volume of the entertainment source.
 - ▷ "Speed volume": ratio between the volume of the entertainment source.

With Harman/Kardon Surround Sound System: audibility is improved by adapting the sound settings.

With Bowers & Wilkins Diamond Surround Sound System or with Bang & Olufsen

High End Surround System: volume is automatically adjusted according to the driving noise audible in the interior.

"Speed volume": omitted in this case.

- ▷ "PDC": ratio of the Park Distance Control PDC acoustic signal volume to the volume of the entertainment source.

The basic setting ensures that the acoustic signal will be heard at any volume.

- ▷ "Gong": ratio of the acoustic signal volume, for example for seat belt reminder, to the volume of the entertainment source.

The basic setting ensures that the acoustic signal will be heard at any volume.

- ▷ "Microphone": sensitivity of the microphone during a telephone call.

The adjustment is made during the telephone call and is saved for the mobile telephone being used.

- ▷ "Loudspeakers": loudspeaker volume during a telephone call.

Playback of audio recordings is stopped when muting is active.

The adjustment is made during the telephone call and is saved for the mobile telephone being used.

7. To adjust: turn the Controller.
8. To save: press the Controller.

The volume setting for the Traffic Programme, see page 42, is made during an announcement.

Resetting the sound settings

The sound settings are reset to factory settings.

1. "CAR"
2. "Settings"
3. "General settings"

- 4. "Sound"
- 5. "Reset"

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Radio

Vehicle equipment

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General

Settings are saved in the currently used driver profile.

AM/FM stations

General

Depending on the equipment and the country specifications, it may not be possible to receive AM stations.

Radio Data System RDS

RDS broadcasts additional information on the FM waveband, for example the station name.

If a station has a number of frequencies, an automatic switch to the frequency with the best reception quality is made when required.

RDS is automatically active.

Selecting a station

1. "MEDIA"
2. "Radio"
3. "Available stations"

The station last played is played and the station list is shown.

4. Select the desired station.

Changing stations

On the radio:



Press the left or right button.

The previous or next station from the station list is played.

Saving stations

General

A symbol next to the highlighted station indicates whether the station has already been saved.

Symbol	Meaning
☆	Station has not been saved.
☆	Station has already been saved.

Saving stations

1. "MEDIA"
2. "Radio"
3. "Available stations"
4. Highlight the desired station.
5. Tilt the Controller to the right.
6. ☆ "Save station"

Manual station selection

Station selection via frequency.

1. "MEDIA"
2. "Radio"
3. "Available stations"
4. Tilt the Controller to the right.
5. ⌂ "Manual search"

6. To select the frequency: turn the Controller.
7. To save the frequency: press the Controller.

Digital radio DAB/DMB

Principle

Digital stations can broadcast several shows simultaneously on one frequency. The collection of stations for a particular frequency is called an ensemble. Some stations feature additional programmes. Sports stations, for example, may broadcast various sports events at the same time.

Depending on what the station provides, additional information or even images transmitted by the station can be shown.

Selecting a station

1. "MEDIA"
2. "Radio"
3. "Available stations"

The station last played is played and the station list is shown.

4. Select station.

DAB: information on the station and programme currently playing is shown. The availability, content and sequence depend on the radio station.

Changing stations

On the radio:



Press the left or right button.

The previous or next station from the station list is played.

Saving stations

General

A symbol next to the highlighted station indicates whether the station has already been saved.

Symbol	Meaning
	Station has not been saved.
	Station has already been saved.

Saving stations

1. "MEDIA"
2. "Radio"
3. "Available stations"
4. Tilt the Controller to the right.
5.  "Save station"

Automatic station following

If reception is poor, a search is run for the same station in another ensemble. If the station can be received better in another ensemble, an automatic switch is made.

If station tracking is activated, the station is additionally searched for in the analogue frequency band. If it is not available in another ensemble, the station's analogue frequency is switched to instead. This changeover is only possible if the corresponding station's signal quality is adequate and the IDs of the stations match.

Station tracking is activated automatically.

Electronic programme guide

Several stations broadcast an electronic programme guide for their programme.

1. "MEDIA"
2. "Radio"
3. "Available stations"
4. Select "DAB".
5. Tilt the Controller to the right.
6.  "DAB programme"

All available programme guides are displayed.

For each programme, the programme currently being broadcast and the next programme are displayed.



Select the desired entry to show the details on a programme.

Enlarging an image

If a radio station transmits images, these are shown. The image display can be shown enlarged.

1. "MEDIA"
2. "Radio"
3. "Available stations"
4. Select "DAB".
5. Tilt the Controller to the right.
6.  "Enlarge image"

Saved stations

General

25 stations can be saved.

Selecting a station

1. "MEDIA"
2. "Radio"
3. "Saved stations"
4. Select the desired station.

Deleting a station

1. "MEDIA"
2. "Radio"
3. "Saved stations"
4. Highlight the station to be deleted.
5. Tilt the Controller to the right.
6.  "Delete entry"

Traffic information

Activating/deactivating

On the radio:



Press the button.

Interrupting

Press one of the following buttons on the radio during the traffic announcement:



Adjusting the volume



Turn the knob during a traffic announcement until the desired volume is obtained.

Note the following regarding volume setting:

- ▶ The set volume is not saved.
- ▶ At the start of each journey, the volume of the traffic announcements is adapted to the volume of the entertainment source playback.
- ▶ The volume cannot be reduced further beyond the point at which the traffic announcement is still plainly audible.

Audio

Vehicle equipment

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General

Music tracks, audiobooks and podcasts can be played. The sound is output via the vehicle loudspeakers.

The settings are saved for the currently used driver profile.

Depending on the equipment, the following audio sources can be used:

Symbol	Meaning
	Music hard disc.
	USB device.
	Bluetooth audio.
	Online Entertainment.

Music hard disc

General

Tracks from USB media can be saved on the music hard disc in the vehicle and played from there.

All playable audio files of the USB medium are saved in a directory with the name of the USB

device. Tracks and directories can be renamed and deleted subsequently. Manage music collection, see page 44.

Tracks with DRM Digital Rights Management copy protection are saved, but cannot be played.

Back up the music hard disc regularly, see page 45, otherwise the saved music could be lost in the event of a fault in the hard disc.

Saving from a USB device

1. Connect the USB device to the USB interface, see page 46.

2. "MEDIA"

3. "USB"

Or:

Select the name of the USB device.

4. Tilt the Controller to the right.

5.  "Import music data"

The audio data is saved on the music hard disc.

During saving, bear the following in mind:

- ▶ Do not remove the USB device during saving, as this could interrupt the saving process.
- ▶ The tracks on the USB device can still be played.
- ▶ It is possible to change over to other audio sources.

Cancelling saving from a USB device

1. "MEDIA"

2. "USB"

Or:

Select the name of the USB device.

3. Tilt the Controller to the right.

4.  "Cancel import"

The saving process is interrupted.



Resuming saving from a USB device

1. "MEDIA"
 2. "USB"
- Or:
- Select the name of the USB device.
3. Tilt the Controller to the right.
 4. "Import music from USB."

Selecting the music hard disc

1. "MEDIA"
2. "Music collection"

Further descriptions for playback, see page 47.

Managing the music hard disc

Renaming folders or tracks

If a folder with the name of an album is renamed, the album name in the track information for the individual tracks does not change.

If a track is renamed, the file name changes but not the track name saved in the track information.

1. "MEDIA"
2. "Music collection"
3. "Search"
4. "Browse folder"

Folders and tracks in the highest directory level are displayed.

5. Mark the desired folder or track, search sub-folders if necessary.
6. Press the button.
7. The current name is shown.
8. Change the name as desired.
9. **OK** Select the symbol.

Deleting folders or tracks

Folders or individual tracks can be deleted even while they are being played. Once they have been deleted, the next folder or track will be played.

1. "MEDIA"
2. "Music collection"
3. Tilt the Controller to the left.
4. "Search"
5. "Browse folder"

Folders and tracks in the highest directory level are displayed.

6. Mark the desired folder or track, search sub-folders if necessary.
7. Press the button.
8. "Delete folder" or "Delete track"

Displaying album information

A database with album information is saved in the vehicle. Depending on the information entered in this database for the selected album, the album name, artist, track name and album cover will be displayed.

Updating album information

To update this database, contact a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop.

Gracenote technology

Music recognition technology and related data is provided by Gracenote. Gracenote is the industry standard in music recognition technology and related content delivery.

For more information, please visit www.gracenote.com.

CD and music-related data from Gracenote, Inc., copyright © 2000 to present Gracenote.

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#6,161,132, #6,230,192, #6,230,207, #6,240,459, #6,330,593, and other patents issued or pending. Some services supplied under license from Open Globe, Inc. for U.S. Patent: #6,304,523.

- ▶  Symbol for saved audio CDs.
- ▶ The update takes place for each individual album.
- ▶ Album information can also be updated if the album has been imported from another vehicle.

1. "MEDIA"

2. "Music collection"

3. Tilt the Controller to the left.

4.  "Search"

5. "Browse folder"

Folders and tracks in the highest directory level are displayed.

6. Mark the desired folder, search sub-folders if necessary.

7.  Press the button.

8. Select album information.

The information saved for the album is displayed. If an album is not clearly recognised, all matching entries are displayed.

9. Select the appropriate entry if necessary:

- ▶ If information is displayed that does not match the played album, the information can be hidden. In this case, updating the database may also provide a solution.

The album information is no longer displayed.

- ▶ With ConnectedDrive Services, it is possible to perform an online update of the database.

The located information is entered in the vehicle database and displayed.

Displaying free capacity

To display the free capacity on the music hard disc:

1. "MEDIA"

2. "Music collection"

3.  Press the button.

4. "Manage music collection"

5. "Available memory"

Deleting selected tracks

Selected tracks can be deleted.

1. "MEDIA"

2. "Music collection"

3.  Press the button.

4. "Manage music collection"

5. "Delete selected tracks"

The music search is displayed. Proceed according to the description for search criteria, see page 48.

A list of tracks to be deleted is created according to the search criteria.

6. Select a track.

Deleting all tracks

1. "MEDIA"

2. "Music collection"

3.  Press the button.

4. "Manage music collection"

5. "Delete all music tracks"

6. "OK"

Backing up the music hard disc

Back up the music hard disc to a USB device regularly, otherwise the saved music could be lost in the event of a fault on the hard disc.

When backing up, ensure that the USB device has adequate free capacity.



Depending on the file size and number of tracks, backing up the music hard disc may take a long time. This is why it is best to perform the backup during a longer journey. If there is no time to complete the back-up, do not unplug the USB device. The back-up will resume on your next journey.

1. Connect the USB device to the USB interface, see page 46.
2. "MEDIA"
3. "Music collection"
4.  Press the button.
5. "Manage music collection"
6. "Save music collection to USB"

Restoring the music hard disc

When restoring the music hard disc from a USB device, the music hard disc available in the vehicle is overwritten. It is best to perform the backup during a longer journey. If the saving procedure is cancelled, do not unplug the USB device. Saving will resume on your next journey.

1. Connect the USB device to the USB interface, see page 46.
2. "MEDIA"
3. "Music collection"
4.  Press the button.
5. "Manage music collection"
6. "Restore music collection from USB device"

USB device

Formats that can be played

MP3, MP4, M4A, M4B, AAC, WMA.

Apple iPod/iPhone

The Apple iPod/iPhone music search and music playback functions are supported.

Audio players and storage media with USB port

Information on all tracks, for example artist, genre or track, as well as the playlists are transferred to the vehicle. This might take some time, depending on the USB device, file size and number of tracks.

During transfer, the tracks can be called up via the file directory.

The information for approximately 40.000 tracks can be saved in the vehicle, but no more than 16.000 tracks per USB device.

Music tracks with integrated Digital Rights Management DRM cannot be played.

Selecting the USB device

Information regarding the USB interface, see the Owner's Handbook for the vehicle.

1. Connect the USB device to the USB interface.

It is best to use the adapter cable supplied with the USB device.

2. "MEDIA"
3. "USB"

Or:

Select the name of the USB device.

Further descriptions for playback, see page 47.

Bluetooth audio

General

- ▶ Playback of music files via Bluetooth from external devices, for example audio devices or mobile telephones.
- ▶ The volume of the sound output depends on the device. If applicable, change volume settings on the device.
- ▶ Up to four external devices can be connected to the vehicle.

Operating requirements

- ▷ The Bluetooth device is connected with the vehicle. Bluetooth connections, see Owner's Handbook for the vehicle.
- ▷ Bluetooth audio playback has been activated.

Selecting a Bluetooth device

1. "MEDIA"
2. Select the required Bluetooth device from the list.

Further descriptions for playback, see page 47.

If the Bluetooth device is not listed in the device list, Bluetooth audio playback may not have been activated. Proceed as follows to activate Bluetooth audio playback:

1. "MEDIA"
2. "Mobile devices"
3. Select the required Bluetooth device.
4. "Bluetooth audio"

Online Entertainment

Principle

Online music services can be accessed via the Internet. It is necessary to have a valid membership with the selected music service.

The music offered there can be played and saved in the vehicle. Saved tracks can also be played back when there is no Internet connection.

The Owner's Handbook for Online Entertainment is available on the Internet at www.bmw.com, under ConnectedDrive Services.

Selecting Online Entertainment

1. "MEDIA"
2. "Online Entertainment"

Playback

General

Once an audio source has been selected, information about playback appears on the Control Display.

The Control Display shows the available information about the current track and the playlist. The content and scope of the playlist depends on the selected audio source and the search criteria used.

In the case of USB and Bluetooth devices and the music hard disc, the selected playlist is displayed. This can be the result of a search or a previously saved playlist.

Tilting the Controller to the left displays further functions. The extent of applications available depends on the selected audio source.

With Bluetooth devices, the extent of applications that can be operated using iDrive may be limited depending on the supported Bluetooth version. If necessary, the missing functions can be operated directly on the device.

Selecting a track

Select the desired track from the playlist.

All tracks in the playlist are played, starting from the selected track.

Changing the track

On the radio:



Press the left or right button.

The previous or next track from the playlist is played.

Fast forward/rewind

On the radio:



Press and hold the left or right button.



Search criteria

General

The possible search criteria depend on the selected audio source.

Searching for track information

The following search criteria relate to the data saved in the track information.

1. Tilt the Controller to the left.
2. 🔍 "Search"
3. Select the desired setting:

▶ "Search"

All tracks which have track information containing the entered search term are displayed. The more characters are entered, the more restricted the results will be.

Tilt the Controller to the right to display the list of results.

▶ "Genres"

A list of all available genres is displayed.

Once a genre has been selected, all matching artists are displayed.

▶ "Artists"

A list of all available artists is displayed.

Once an artist has been selected, all matching albums and tracks are displayed.

▶ "Albums"

A list of all available albums is displayed.

Once an album has been selected, all matching tracks are displayed.

▶ "Tracks"

A list of all available tracks is displayed.

4. If necessary, select an album.
5. Select the track you want to start playback with.

The search for artists and tracks can also be directly selected.

1. Tilt the Controller to the left.
2. 👤 "Artists" or 🎵 "Tracks"

Tracks which do not contain the selected search criterion are grouped as "unknown". Tracks without track information can only be found via the directory structure.

Searching for playlists

1. Tilt the Controller to the left.
2. 🔍 "Search"
3. "Playlists"

A list of all available playlists is displayed.

4. Select the playlist.
5. Select the track you want to start playback with.

Information about playback appears on the Control Display. The playlist corresponds to the track list resulting from the search.

Searching for other media

Depending on the USB device and the equipment, audio books and podcasts can be searched for separately.

1. Tilt the Controller to the left.
2. 🔍 "Search"
3. Select the desired setting:

▶ "Podcasts"

A list of all available podcasts is displayed.

▶ "Audio books"

A list of all available audio books is displayed.

4. Select the track you want to start playback with.

Information about playback appears on the Control Display. The playlist corresponds to the track list resulting from the search.

Searching in the folder structure

It is possible to search the music hard disc and USB devices via the directory structure.

The names of the folders and tracks correspond to the folder and file names. The folder and file names may differ from the names in the track information.

1. Tilt the Controller to the left.
2.  "Search"
3. "Browse folder"
4. Change to a subfolder if necessary.

Select the track you want to start playback with.

Information about playback appears on the Control Display. The playlist corresponds to the track list resulting from the search.

Browsing through the albums

1. Tilt the Controller to the left.
2.  "Browse albums"
The available albums are shown graphically.
3. Turn the Controller to browse through the albums.
4. Select the desired album.

All tracks on the selected album are displayed.

5. Select the track you want to start playback with.
6. Tilt the Controller to the left. The Control Display shows information about playback. The playlist corresponds to the track list of the album.

Searching for similar tracks

1. Tilt the Controller to the left.
2.  "More like this (local)"
A list of similar tracks is displayed.
3. Select the track you want to start playback with.

Information about playback appears on the Control Display. The playlist corresponds to the track list resulting from the search.

Shuffle

The current playlist or all tracks on the selected audio source are played in random order.

1. Tilt the Controller to the right.
2.  "Shuffle"

Creating a Favourites list

The current track can be allocated to a special playlist, the Favourites list. If the current track is already in the Favourites list, it can be deleted from it. The Favourites list is displayed first when searching for playlists, see page 48.

1. Tilt the Controller to the left.
2.  "Add to favourites" or  "Remove from favourites"



Video

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

General

Video files and, depending on the equipment, video DVDs can be played. The sound is output via the vehicle loudspeakers.

The settings are saved for the currently used driver profile.

The video screen on the front Control Display will be switched off when the vehicle exceeds a certain speed (varies from country to country).

Depending on the equipment, the following video sources are possible.

Symbol	Meaning
	With rear-seat entertainment: video DVD.
	USB device.
	Screen Mirroring.

USB devices

General

Depending on the USB device, video playback via the USB connection may not be possible.

Formats that can be played

MP4, M4V, AVI, WMV, XVID, H.264.

Selecting the USB device

Connect the USB device to the USB interface using a suitable adapter cable.

Information regarding the USB interface, see the Owner's Handbook for the vehicle.

1. "MEDIA"
2. "USB"

Or:

Select the name of the connected USB device.

Searching for video films

1. Tilt the Controller to the left.
2. "Search"
3. "Videos"

A list of all available video films is displayed.

4. Select the track you want to start playback with.

Information about playback appears on the Control Display. The playlist corresponds to the film list resulting from the search.

Screen Mirroring

The smartphone screen is shown on the Control Display over a WiFi connection. Sound is played back via the vehicle's loudspeakers.

This function must be supported by the smartphone.

The smartphone is used for operation.

For connecting the smartphone with the vehicle, see Owner's Handbook for the vehicle.

Television, TV

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

General

For your own safety, the TV picture is only shown in the front compartment if the vehicle speed is below approximately 3 km/h, 2 mph. For some country specifications, it is only shown with the parking brake applied or with the selector lever in selector lever position P.

The settings are saved for the currently used driver profile.

The TV picture is displayed in the rear even while driving.

Selecting a channel

In certain circumstances, the list of channels that can be received might not be updated automatically. If necessary, update the list with station search, see page 51.

1. "MEDIA"
2. "TV"

The last selected channel is displayed.

3. Turn the Controller to display the channel list.

All receivable TV channels and radio stations are shown in a list. The radio stations are shown at the end of the list.

4. Select the desired channel.

Symbol	Meaning
	TV channel.
	TV radio station.

Station search

The station search takes up to 2 minutes depending on the number of channels offered. If not all offered channels are listed, it might be necessary to reset the TV region, see page 52.

1. "MEDIA"
2. "TV"
3.  Press the button.
4. To cancel the search:

Changing the channel

On the radio:

-   Press the left or right button.

The previous or next channel from the channel list is displayed.

Saving the channel

1. "MEDIA"
2. "TV"



A symbol next to the highlighted channel indicates whether the channel has already been saved.

Symbol	Meaning
	Channel has not been saved.
	Channel has already been saved.

Memory locations 1 - 25 are available.

To save the highlighted programme:

1. Tilt the Controller to the right.
2. "Save station"

Electronic programme guide

Many stations provide an electronic programme guide.

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4. "TV guide"

The stations' current and next programmes are displayed.

Depending on the information that a station transmits, the entire daily schedule of the station may be shown.

Select station names to display the daily schedule.

If some characters are not correctly displayed, it may be necessary to reset the TV region, see page 52.

Showing programme information

Depending on the information a station transmits, more detailed information on a programme can be shown.

Select the programme to show the more detailed information.

The corresponding station can be selected.

Saved channels

1. "MEDIA"
2. "TV"
3. "Saved stations"
4. Select the desired channel.

Deleting channels

1. "MEDIA"
2. "TV"
3. "Saved stations"
4. Highlight the channel to be deleted.
5. "Delete entry"

Adjusting the TV

Setting the brightness, contrast, colour, zoom

1. Tilt the Controller to the right during playback.
2. "Display settings"
3. Select the desired setting.
4. Turn the Controller until the desired setting is displayed, then press the Controller.

Selecting a TV region

The TV region is not the same in every country. Adjust the TV region for optimum TV reception.

1. "MEDIA"
2. "TV"
3. Press the button.
4. Select the region.

Selecting the soundtrack

The range of soundtracks available depends on the TV programme and time of day.

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Audio"
5. Selecting the soundtrack.

Showing subtitles

The subtitles display depends on what the relevant station provides.

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Subtitles"
5. Select subtitles.

Teletext

Calling up teletext

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Teletext"

Selecting a page

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Teletext"
5. Tilt the Controller to the right.
6. **123**
7. Turn the Controller until the desired page number is displayed.

If the contents are too long to be shown on a single page the display is scrolled automatically.

Changing pages

On the radio:



Press the left or right button.

The previous or next page is displayed.

Via iDrive:

- ▶ Turn the Controller in the desired direction.
- ▶  To move to the previous page.
- ▶  To move to the next page.

Zoom

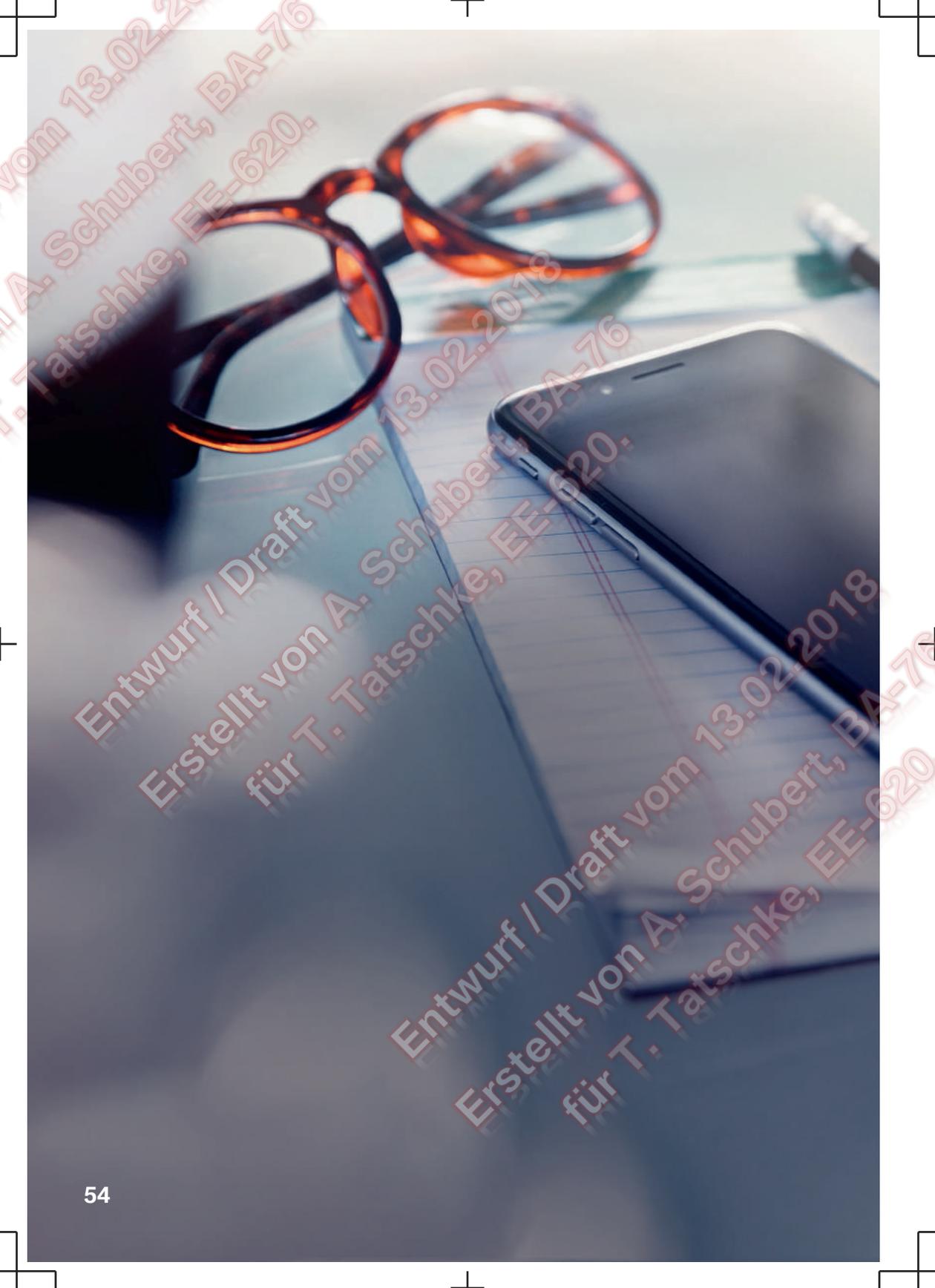
The top or bottom half of the page can be enlarged.

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Teletext"
5. Tilt the Controller to the right.
6. 

Automatic scrolling

A page may consist of several sub-pages which are automatically scrolled through.

1. "MEDIA"
2. "TV"
3. Tilt the Controller to the right.
4.  "Teletext"
5. Tilt the Controller to the right.
6. Select the desired setting:
 - ▶ To prevent scrolling 
 - ▶ To allow scrolling 





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Telephone

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

Telephone functions

General

Mobile telephones can be connected to the vehicle using Bluetooth, see Owner's Handbook for the vehicle.

At high temperatures, the charging function of the mobile telephone may be limited and functions may no longer be performed.

To avoid malfunctions, a mobile telephone which is connected to the vehicle should not be operated with the phone's keypad.

When using the mobile telephone through the vehicle, follow the user manual of the mobile telephone.

Safety note

WARNING

Operating integrated information systems and communication devices during a journey may distract you from the traffic. You could lose control of the vehicle. There is a danger of accidents. Only operate the systems or devices if permissible in the traffic situation. Stop if nec-

essary and operate the systems or devices with the vehicle at a standstill.

Incoming call

If the number of the caller is saved in the telephone book and is transferred by the network, the name of the contact is displayed. Otherwise, only the phone number is displayed.

Press the volume knob when a call is incoming to suppress the ring tone in the vehicle.

Accepting a call

Incoming calls can be accepted in different ways.

- ▶ Via iDrive:

"Accept"

- ▶ Press the button on the steering wheel.

- ▶ Via gestures: move your index finger towards the front of the vehicle.

- ▶ Via the selection list in the instrument cluster: Select using the knurled wheel on the steering wheel: "Accept"

Rejecting a call

- ▶ Via iDrive:

"Reject"

- ▶ Via the selection list in the instrument cluster: Select using the knurled wheel on the steering wheel: "Reject"

- ▶ Via gestures: move your hand in the direction of the driver's seat.

Ending a call

- ▶ Via iDrive:

"End call"

- ▶  Press the button on the steering wheel.

Ring tone

The telephone ring tone for an incoming call can be selected.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Mobile devices"
5. "Mobile devices"
6. Tilt the Controller to the right.
7. "Telephone"
8. "Use device ringtone"
9. Select the desired setting.

Last calls

The last outgoing, missed and incoming calls are transferred to the vehicle. Depending on the equipment version, the transfer is from the main and additional telephone.

Displays

1. "COM"
2. If applicable, "Telephone"
3. "Recent calls"
4. The last calls are displayed.

Filtering the call list

1. "COM"
2. "Telephone"
3. Select the desired filter:
 - ▶ "All calls"
 - ▶ "Missed calls"
 - ▶ "Incoming calls"
 - ▶ "Outgoing calls"
4. Select the desired setting.

Dialling a number from the list

Select from the list. The call is established using the mobile telephone from which the entry came.

Using options: start the call using the second mobile telephone.

To cancel: "End call"

Active calls

Adjusting the volume

During a call, turn the volume knob on the radio until the required volume has been reached. The setting is saved for the currently used driver profile.

Volume compensation

The microphone volume of the telephone can be adjusted during a call.

1. "Microphone sensitivity"
2. Set the desired volume.

Transferring a call

An incoming call can be heard using the terminal unit that took the call, for example via the vehicle's hands-free system by pressing the button on the steering wheel.

A call can be transferred between the vehicle and a terminal unit during a call:

- ▶ "Call via vehicle"
- ▶ "Forward call to mobile phone"

Dialling a number

1. "COM"
2. "Dial number"
3. Enter the numbers.
4.  Select the symbol.

The call is made using the mobile telephone assigned to the telephone function.



To establish the connection via the additional telephone:

1.  Press the button.
2. "Call via"

Hold, resume

An active call can be held and resumed later.

- ▶  "Hold call"
The call is held.
- ▶  "Continue"
The call is continued.

Microphone muting

The microphone can be muted during active calls.

 "Mute"

A muted microphone is activated automatically:

- ▶ When a new call is set up.
- ▶ When toggling between call parties.

DTMF overlap dialling

DTMF overlap dialling is used to access network services or to control devices, for example to access an answer phone remotely. This requires the DTMF code.

1.  "Digit input"
2. Enter DTMF code.

Calls with a number of participants

General

It is possible to switch between calls or merge two calls to set up a conference. The functions must be supported by the mobile telephone and service provider.

Accepting a call during another call

If there is a second call during an ongoing call you hear a call waiting signal, if applicable.

 "Accept"

The call is accepted and the existing call is held.

Setting up a second call

Another call can be set up during a call.

1.  "Contacts"
2. Select a new call number.
The call is started and the first call is held.

Switching between two calls, toggling

You can switch between two calls.

1. Set up two calls.
2. "Continue"
The phone switches to the call that is in progress.

Setting up a conference

Two calls can be merged to set up a telephone conference. The calls must be set up using the same mobile telephone.

1. Set up two calls.
2.  "Place conf. call"

Hands-free system

General

Calls taken via the hands-free system can be continued via the mobile telephone and vice versa.

From mobile telephone to the hands-free system

Calls that were started outside the Bluetooth range of the vehicle can be continued via the hands-free system with standby state switched on. The remote control must be in the vehicle for this to work.

Depending on the mobile telephone, there is an automatic switch to the hands-free mode.

If the changeover does not take place automatically, follow the instructions on the mobile telephone display. See also the user manual of the mobile telephone.

From the hands-free system to the mobile telephone

If the vehicle switches to idle state or you leave the vehicle with the key, a call started using the hands-free system can be continued using the mobile telephone, depending on the telephone.

Follow the instructions on the mobile telephone display. See also the user manual of the mobile telephone.

Contacts

General

Contacts are transferred from the mobile telephone and displayed. The contacts' photos can be displayed if the mobile telephone supports this function.

Contact entries with identical names are merged into one single contact.

Displaying all contacts

1. "COM"
2. "Contacts"

The contacts are listed in alphabetical order. The contact search function and the quick search are offered, depending on the number of contacts.

Filtering contacts

It is possible to select whether the contacts should be displayed from a mobile telephone, and if so, from which mobile telephone.

1. "COM"
2. "Contacts"
3. "Filter"
4. "Select sources for contacts"
5. Select the required mobile telephone.

Display order for contacts

The contact names can be displayed in a different sequence.

The sorting order for contacts might not be the same as the selected sorting order, depending on how contacts are saved on your mobile telephone.

1. "COM"
2. "Contacts"
3.  Press the button.
4. "Display order"
5. "First name, surname" or "Surname, first name"
6. Select the desired order.

Sorting contacts

The contacts can be sorted in a different order. The sorting order for contacts might not be the same as the selected sorting order, depending on how contacts are saved on your mobile telephone.

1. "COM"
2. "Contacts"
3.  Press the button.
4. "Sorting order"
5. "Surname" or "First name"
6. Select the desired order.

Contact search

If there are more than 30 contacts, the contact search function is available.

1. "COM"
2. "Contacts"
3.  "Search"
4. Enter letters.

The hits are displayed on the right side.



5. Tilt the Controller to the right.
6. Select the contact to display it.

Quick search in lists

If there are more than 30 contacts, a quick-search function is available. Letters for which an entry is available are displayed in alphabetical order along the left edge of the Control Display.

1. Turn the Controller quickly to the left or right. A display with the initial letters of available contacts is shown.
2. Select the initial letter of the required contact. The first entry of the selected letter is displayed.

Detail search

The contact search can be extended to individual details of the contact, for example the telephone number.

1. "COM"
2. "Contacts"
3.  Press the button.
4.  "Search in contact details"
5. Confirm selection.
6. Enter search term for contact search.

Additional functions

Depending on the equipment, the following functions are available for the selected contact:

- ▷  Start route guidance.
- ▷  Call up contact.
- ▷  New e-mail.

Checking an address as a destination

If the vehicle is equipped with a navigation system, a contact can be adopted as a destination.

1. Select the desired contact.
2. Select an address.

3. "Check address" or "Search for address online"
4. Correct entries if necessary.
5. "Start route guidance"

The address can be accepted into route guidance.

Displaying photos of contacts

Photos saved for contacts are displayed in the vehicle when a suitable mobile telephone is connected to the vehicle.

1. "COM"
2. "Contacts"
3.  Press the button.
4. "Display contact picture"
5. Activate the function.

Voice control

A connected smartphone can be operated by voice commands.

To do this, activate voice control on the smartphone.

Button on the steering wheel	Function
	Press the button for at least 3 seconds. Voice control in the smartphone is activated.
	This symbol on the Control Display shows that voice control is active.



Additional functions

General

Depending on the mobile telephone and the installed apps, the following content is transferred from the mobile telephone to the vehicle:

- ▶ Contacts, see page 59.
- ▶ SMS messages, see page 61.

The data transfer can take a few minutes.

You may need to have certain functions enabled by the mobile telephone provider or service provider.

SMS messages

Displaying all SMS messages

1. "COM"
2. "Text messages"

For information on BMW messages, see page 69.

Status

A symbol indicates the status of the SMS message.

Sym- bol	Meaning
	Read SMS message.
	Unread SMS message.

Filtering a message list

1. "COM"
2. "Text messages"
3. "Filter"
4. Select the desired setting.

Selecting sources

It is possible to select whether the SMS messages are to be transferred from the mobile telephone, and if so, from which mobile telephone.

1.  Press the button.
2. "Select sources for messages"
3. Select the required mobile telephone.

Deleting a conversation

Completely delete a conversation with a contact.

1. Highlight the required SMS message.
2.  Press the button.
3. "Delete text message thread"
4. "Yes"

Deleting an SMS message

Select the desired SMS or conversation. The conversation with this contact is displayed.

Answering or forwarding an SMS message

1. Select the required SMS message.
2. ▶  "Reply"
The recipient of the SMS message is entered automatically.
- ▶  "Forward"
"To:"
Enter the number or contact. Tilt the Controller to the right, if necessary, to select the contact from the list of results.

3. "From:"
If necessary select the mobile telephone from which the SMS message is to be sent.
4. "Text:"
Text recognition, see page 62.

5. "Send"

New SMS message

1. "COM"
2. "Messaging"
3.  "Compose text message"
4. "To:"

Enter the number or contact. Tilt the Controller to the right, if necessary, to select the contact from the list of results.

5. "From:"



If necessary select the mobile telephone from which the SMS message is to be sent.

6. "Text:"

Text recognition, see page 62.

7. "Send"

To cancel: "Delete all contents"

Additional functions

The following functions are available for a selected SMS message or a conversation.

- ▷ "Call sender"
- ▷ "Add to contact" or "Show sender"
- ▷ "Forward".
- ▷ "Reply".
- ▷ "Delete"
- ▷ "Read out".
- ▷ "Use data".

Text recognition/dictation function

General

The offer depends on the vehicle equipment and the country variant.

Principle

Spoken words are detected by voice recognition and converted to text. The text can be corrected and added to as needed. The text can be used as a subject or content of e-mails or SMS messages. To use it, data is sent across an encrypted connection to a service provider and stored locally there.

Operating requirements

The mobile telephone must support the function. The following function is activated: "Contact upload dictation function"

Improving voice recognition for contact names

Principle

The contact names on a connected mobile telephone are transferred to the voice recognition system. This improves recognition of contact names when they are converted into text. To use it, data is sent across an encrypted connection to a service provider and stored locally there.

Activating/deactivating the function

This function can be enabled or disabled for each mobile telephone.

1. "CAR"
2. "Settings"
3. "General settings"
4. "Mobile devices"
5. Select the required device.
6. "Contact upload dictation function"

Adapting the menu

The menu can be adapted, for example to remove the entries for unused functions from the menu.

1. "COM"
2. "Personalise menu"
3. Select the desired setting.
4. Tilt the Controller to the left.

Wireless charging dock

Principle

The wireless charging dock permits the following functions to be performed wirelessly:

- ▷ Charging the battery of a mobile telephone with Qi capability and of other mobile devices which support the Qi standard.

- ▶ Charging the BMW display key, see Owner's Handbook for the vehicle.
- ▶ Connection of the mobile telephone to the external aerial.

This ensures better network reception and a consistent reproduction quality, depending on the country.

General

When inserting the mobile telephone, make sure there are no objects between it and the wireless charging dock.

During charging, the surface of the dock and the mobile telephone can heat up. At higher temperatures, the charging current through the mobile telephone may be reduced; in exceptional cases, the charging process is temporarily interrupted. Observe the relevant information in the operating instructions for the mobile telephone.

 The charge indicator shows on the Control Display whether a mobile telephone with Qi capability is being charged.

Safety notes

WARNING

When charging a Qi-compatible device in the wireless charging dock, any metal objects located between the device and the dock can become very hot. If smart cards, memory cards or cards with magnetic strips are placed between the device and the dock, this may impair card function. There is a danger of injury and damage to property. When charging mobile devices, make sure there are no objects between the device and the dock.

Operating requirements

- ▶ The mobile telephone must support and be compatible with the required Qi standard. For compatible mobile telephones, see Owner's Handbook for the vehicle.

If the mobile telephone does not support the Qi standard, the mobile telephone can be charged using a special Qi-compatible charging pad.

- ▶ The mobile telephone is not allowed to exceed a maximum size of approximately 165 x 85 x 18 mm, 6.49 x 3.34 x 0.7 in.
- ▶ Only use protective sleeves and covers up to a maximum thickness of 2 mm, 0.07 in. Otherwise, the charging function may be impaired.
- ▶ Ignition or standby state is switched on.
- ▶ Charging tray: the mobile telephone to be charged is located in the middle of the dock.

Charging tray

General

The wireless charging dock is in the centre console at the front.

Overview



- 1 LED
- 2 Storage area

Inserting the mobile telephone

1. Push the cover of the storage compartment forward.
2. Place the mobile telephone in the centre of the tray with the display facing upwards.
3. Push the cover of the storage compartment backwards.



Removing the mobile telephone

1. Push the cover of the storage compartment forward.
2. Remove the mobile telephone.

Forgotten warning

General

If the vehicle is equipped with the forgotten warning function, a warning can be output if a mobile telephone with Qi capability has been left in the wireless charging dock when exiting the vehicle.

The forgotten warning is shown in the instrument cluster.

Activating

Via iDrive:

1. "CAR"
2. "Settings"
3. "General settings"
4. "Wireless charging tray"

LED displays

Col-our	Meaning
Blue	The mobile telephone is charging. The blue LED stays illuminated once the inserted Qi-compatible mobile telephone is fully charged.
Orange	The mobile telephone is not charging. The mobile phone is possibly exposed to excessively high temperatures or there may be foreign bodies in the charging dock.
Red	The mobile telephone is not charging. Contact a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop.

System limits

If the mobile phone or the vehicle interior is exposed to excessively high temperatures, the charging functions of the mobile telephone might be restricted and functions might no longer work.

Services and applications

Vehicle equipment

This chapter describes all standard, country-specific and special equipment available for the model series. It may therefore describe equipment and functions which are not installed in your vehicle, for example on account of the optional equipment selected or the country specification. This also applies to safety-relevant functions and systems. Please comply with the relevant laws and regulations when using the corresponding functions and systems.

Overview

General

The Teleservices, intelligent emergency call or ConnectedDrive Services features are required to use the services and applications described here.

The content and scope of the services that are available can vary by country. Therefore, it is possible that some of the services and applications described in this Owner's Handbook may not be offered, or may not yet be available in the vehicle's country of registration.

Services and applications may be provided in the following ways:

- ▶ In the scope of the vehicle order; for example as special equipment.
- ▶ Via the BMW ConnectedDrive Portal on the Internet.
- ▶ Via iDrive on the Control Display of the vehicle in the ConnectedDrive Store.

Details on the content and scope of ConnectedDrive can be obtained from www.bmw.com/connecteddrive or your Service Partner.

Safety note

WARNING

Operating integrated information systems and communication devices during a journey may distract you from the traffic. You could lose control of the vehicle. There is a danger of accidents. Only operate the systems or devices if permissible in the traffic situation. Stop if necessary and operate the systems or devices with the vehicle at a standstill.

BMW Teleservice

Principle

Teleservices are services that help to keep the vehicle mobile.

General

The offer depends on the vehicle equipment and the country variant.

For more information regarding available services, the manufacturer of the vehicle recommends contacting a Service Partner or customer support.

Teleservices can comprise the following services:

- ▶ Automatic Teleservice Call, see page 66.
- ▶ Manual Teleservice Call, see page 66.
- ▶ Teleservice Report, see page 66.
- ▶ Teleservice Battery Guard, see page 66.
- ▶ Your Service Partner, see page 67.
- ▶ Online logbook, see page 67
- ▶ Breakdown assistance, see Owner's Handbook for the vehicle.



- ▷ BMW Accident Assistance, see Owner's Handbook for the vehicle.

Requirements

- ▷ Activated ConnectedDrive contract, equipment with intelligent emergency call or BMW ConnectedDrive services.
- ▷ Mobile reception.
- ▷ Standby state is switched on.

Automatic Teleservice Call

Teleservice data relating to a vehicle's service requirements is automatically transmitted by BMW to the Service Partner when a service is due. If possible, the Service Partner will contact you to arrange a service appointment.

In so doing, the Service Partner can prepare precisely for service appointments. The workshop stay is shortened.

Manual Teleservice Call

Principle

A manually triggered Teleservice Call causes the data for the vehicle's service requirements to be transferred by BMW to the Service Partner. If possible, the Service Partner will contact you to arrange a service appointment.

General

A Teleservice Call can also be started through a Check Control message, see Owner's Handbook for the vehicle.

Starting a Teleservice Call

1. "Apps"
2. "BMW Assistance"
3. "Teleservice Call"

Teleservice Report

Principle

The technical data from the vehicle is transferred as needed to BMW at regular intervals. This is used to evaluate the further development of BMW products.

General

The Teleservice Report is free of charge and is activated for vehicles that meet the following requirements:

- ▷ Certain technical requirements are met.
- ▷ Active BMW ConnectedDrive contract.
- ▷ Equipment with intelligent emergency call or with ConnectedDrive services.

Neither personal information nor position data is transferred.

Teleservice Battery Guard

Principle

If the battery charge state falls below certain levels, BMW informs you or the Service Partner directly or when the vehicle is next started in defined cases.

General

If required and possible, the Service Partner will contact you to arrange a service appointment.

The Teleservice Battery Guard is available in specific countries and under the following conditions:

- ▷ Certain technical requirements are met.
- ▷ Active BMW ConnectedDrive contract.
- ▷ Equipment with intelligent emergency call or with ConnectedDrive services.
- ▷ To receive information from the Teleservice Battery Guard, your contact data must be saved in the ConnectedDrive Portal.

Your Service Partner

Principle

The preset Service Partner is displayed and can be contacted.

General

In special cases, for example after a change of owner or address, it may be necessary to change the Service Partner. There are several possible ways of doing this:

- ▶ Via customer support.
- ▶ From a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop.
- ▶ Where applicable, independently via iDrive on the vehicle's Control Display.
- ▶ Where applicable, via the ConnectedDrive Portal on the Internet.

Displaying Service Partners

The Service Partner that is currently assigned to the vehicle is displayed as a contact in the vehicle.

1. "Apps"
2. "Your Service Partner"

The assigned Service Partner is displayed along with all its contact information.

Depending on the equipment, the following functions are available in the contact:

- ▶  "Start route guidance"
- ▶  Call up contact.
- ▶  "Compose email"

Changing Service Partners

1. "Apps"
2. "Your Service Partner"

The assigned Service Partner is displayed along with all its contact information.

3. "Change Service Partner"

A search for a different Service Partner can be launched under Change Service Partner.

To change the Service Partner, the current location of the vehicle is preselected. Adapt the search criteria of the location search if necessary.

The new Service Partner is informed of all automatically or manually reported service requirements.

Online logbook

Principle

The online logbook saves and documents completed trips.

General

The range varies from country to country.

All completed journeys can be saved in the vehicle.

The minimum data recorded is the date and time at the start and end of each journey, the geo-position and number of kilometres, the kilometres travelled and the selected type of trip.

For business trips, the trip destination, purpose and business partner visited are also entered.

Completed trip book entries are automatically transferred to the ConnectedDrive Portal, where they can be shown and edited retrospectively. Changes must be made within seven days in order to meet the legal requirements of the financial authorities. All changes are logged.

As a template for the financial authorities, a report can be compiled by the user containing all the necessary information to ensure compliance with the country-specific legal requirements.

The entries can be completed both in the vehicle and in the ConnectedDrive Portal. Final confirmation can only be provided in the ConnectedDrive customer portal.

The journeys recorded are encrypted and can only be shown and processed in the vehicle or in the ConnectedDrive Portal.



Operating requirements

The correct date and time are set on the Control Display.

Activating logbook

1. "Apps"
2. "Logbook"
3. Activate the function.

More information on range of functions and operation online:

www.bmw-connecteddrive.com/

Deactivating a logbook

If the trip book is deactivated, all saved journeys are transferred to the BMW ConnectedDrive Portal. All data entered in the vehicle is retained.

The current trip is ended.

1. "Apps"
2. "Logbook"
3. "Settings"
4. "Deactivate logbook" or "OK"
5. Deactivate the function.

Updating BMW services

Principle

Starts the manual update of all services available in the vehicle.

Updating services

1. "Apps"
2. "All apps"
3.  Press the button.
4. "Update apps and services"

Customer support

Principle

Contact customer support for information on all aspects of your vehicle.

Calling customer support

1. "Apps"
2. "BMW Assistance"
3. If applicable, "Customer Support"

The customer support is displayed and a voice connection is established. If a voice connection is not established, dial the number manually.

ConnectedDrive Services

Operating requirements

- ▶ Connected Drive Services are applied for at a Service Partner or have been purchased via the ConnectedDrive Store.
- ▶ Mobile telephony reception must be guaranteed.
- ▶ For certain services, for example information on current location, the vehicle must be able to determine your current location.
- ▶ The correct date is set on the Control Display, see Owner's Handbook for the vehicle.

ConnectedDrive Store

Principle

Various services can be ordered retrospectively for vehicles that meet certain technical requirements.

General

The range varies from country to country.

Ordering services

1. "Apps"
2. "Store"

An overview of the services present in the vehicle and those available to order is shown.

3. "All services"

An overview of the services present in the vehicle and those available to order is shown.

4. To buy a service, select it and follow the instructions in the Control Display.

BMW messages

General

Messages from the Concierge Service and from My Info are displayed.

Information about SMS messages from the mobile telephone, see page 61.

Displaying BMW messages

1. "Apps"
2. "BMW messages"

The latest BMW messages are displayed.

Status

A symbol indicates the status of the message.

Sym- bol	Meaning
	Read BMW message.
	Unread BMW message.

Filtering the message list according to status

1. "Filter"
2. Select the desired setting.

Filtering message list by message type

1. "All message types"

2. Select the desired setting.

Deleting a message

1.  Press the button.
2. Delete selected message: "Delete message"
Deleting all messages: "Delete all messages"

Additional functions

Depending on the equipment, the following functions are available in a selected message, from the Concierge Service or from My Info.

- ▶  Select a town/city to start route guidance.
- ▶ Select a telephone number to dial it.

My Info/Service Info

General

Messages from My Info/Service Info can come from the ConnectedDrive customer portal or be sent by selected partners.

Vehicle apps

Principle

BMW ConnectedDrive Services offer you apps and other functions that enable you to display information, for example the weather and news, on the Control Display.

Displaying BMW ConnectedDrive service apps

1. "All services"
2. Select the required app.
3. "Further product details"
View detail if applicable.

Messages

- ▶ My Info messages, see page 69.



Log on

To display personal data, for example e-mails, a log on is required.

The function is country-dependent.

1. "CAR"
2. "Driver profiles"
3. "ConnectedDrive user name"
Enter the ConnectedDrive user name.
4. "ConnectedDrive password"
Enter the ConnectedDrive password.
5. "Log in"

Automatic log on

The log on takes place automatically when the vehicles apps are called up. Automatic logon can be carried out with the personal driver profile, see Owner's Handbook for the vehicle.

The automatic logon function can be deactivated in the ConnectedDrive customer portal on the Internet. A change may be required in the ConnectedDrive Portal under Password protection in the vehicle in the Control menu item.

Changing user

1. "CAR"
2. "Settings"
3. "Driver profiles"
4.  Press the button.
5. "Change driver profile"
6. Select a different user account.
7. "OK"

Adapting the menu

The menu can be adapted, for example to remove the entries for unused functions from the menu.

1. "COM"
2.  Press the button.

3. "Personalise menu"
4. Select the desired setting.
5. Tilt the Controller to the left.

Concierge Service

Principle

The Concierge Service provides information about hotels, restaurants etc. and can send an SMS with the required information to the vehicle. Addresses can also be sent directly to the navigation system. A voice connection to the Concierge Service is established for this purpose.

Starting the Concierge Service

1. "COM"
2. "BMW Assistance"
3. "Concierge Services"

A voice connection to the Concierge Service is established.

Remote Services

Principle

Remote Services enable some vehicle functions to be controlled remotely via the BMW Connected app. The app can be used to lock and unlock the vehicle, for example.

Other functions are available depending on the vehicle.

General

The vehicle is controlled via the BMW Connected app, which can be obtained for iOS from the Apple App Store and for Android in the Google Play Store.

For Remote Services to be used, they must be activated in the ConnectedDrive customer portal or in the BMW Connected app as a one-time

procedure. An active BMW ConnectedDrive contract is required.

Alternatively, remote control of certain functions can also be requested using the BMW ConnectedDrive call centre.

You can find the Owner's Handbook for the BMW Connected App in the ConnectedDrive customer portal or at www.bmw.com.

Apple CarPlay preparation

Principle

CarPlay makes it possible to operate certain functions of a compatible Apple iPhone by Siri voice operation and using iDrive.

General

Depending on the country variant, CarPlay may not be available. Contact a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop for more detailed information.

CarPlay and the associated apps are provided by the iPhone. The scope and content depend on the device manufacturer and may vary depending on the country variant.

The following restrictions apply to an iPhone connected via CarPlay:

- ▶ Not every app installed on the iPhone can be operated via CarPlay.
- ▶ Telephoning is only possible via CarPlay.
- ▶ The iPhone cannot be registered as an additional telephone.
- ▶ The entries in the phonebook are not transferred to the vehicle.
- ▶ Only one further telephone can be connected to the vehicle.
- ▶ Using CarPlay may incur mobile phone costs. These costs do not form part of vehicle's optional equipment.

Operating requirements

The iPhone is connected to the vehicle, see the Owner's Handbook for the vehicle.

Selecting CarPlay

CarPlay can be selected using the following menu:

- ▶ "Apple CarPlay"
The CarPlay menu is displayed.
- ▶ "Media/Radio"
"Now playing in Apple CarPlay"
The iPhone music app opens.
- ▶ "Enter destination"
"Maps in CarPlay"
The iPhone navigation app opens.
- ▶ "Communication"
"Phone in CarPlay"
The iPhone telephone app opens.

Operating CarPlay

CarPlay can be operated using iDrive and by voice commands.

By voice:

1.  Press the button on the steering wheel until Siri voice control is activated on the iPhone.
2. Say the commands recognised by the iPhone.

Switching CarPlay off/on

1. "CAR"
2. "Settings"
3. "General settings"
4. "Mobile devices"
5. Select the iPhone with CarPlay function.
6. "Connection mode"
7. ▶ "Apple CarPlay"



Select the entry to switch CarPlay off. The iPhone remains connected as a smartphone.

- ▶ "Apple CarPlay"

Select the entry to switch CarPlay on.

CarPlay navigation

The destination of the active CarPlay navigation can be transferred to the BMW navigation. Route guidance is taken over by the BMW navigation and the CarPlay navigation is closed.

Transferring back to CarPlay is not possible.

BMW Connected App

Principle

The Connected App provides mobility-based services and applications.

General

You can find information about installing the Connected App and on its content, as well as information about the ConnectedDrive customer portal, at www.bmw.com/connecteddrive.

The Connected app must be installed on the smartphone you wish to use. The installation process will vary depending on the smartphone.

To use all the features of the Connected app, you will need to register when you start it up; you only need to do this once. The registration process creates a personal ConnectedDrive account for you in the ConnectedDrive customer portal. If you already have a ConnectedDrive account, you can use its login details in the Connected app.

Some functions enable communication with the vehicle without the need for you to be inside or at the vehicle. These functions can be executed via the Connected app or the ConnectedDrive account.

The vehicle needs to be linked to the ConnectedDrive account in order to use the functions; you only need to do this once. You can link the

vehicle via the account or via the app. Confirmation in the vehicle via iDrive is also required.

Apps

Principle

Certain apps of a compatible smartphone can be integrated into the vehicle. These apps are displayed on the Control Display.

General

Some apps can only be used when the vehicle is stationary for safety reasons.

The vehicle manufacturer recommends using applications that have been classified by BMW as compatible with your vehicle; otherwise there is a risk of system malfunctions.

Information about using apps:

- ▶ The extent of apps shown on the Control Display depends on the functions of the app installed on the smartphone.
- ▶ The data transfer of the apps from the smartphone to the vehicle may take a while. Some apps are dependent on the speed of the available Internet connection of the smartphone.
- ▶ Some smartphones cannot use apps and Bluetooth hands-free at the same time. Restart the app on the smartphone after a phone call as necessary.
- ▶ Using the apps on a smartphone may incur costs. These costs do not form part of vehicle's optional equipment.

Information about compatibility:

- ▶ Compatible smartphones: www.bmw.com/bluetooth.
- ▶ Available apps and installing them: www.bmw.com/connectivity.
- ▶ From a Service Partner of the manufacturer or another qualified Service Partner or a specialist workshop.

Requirements

- ▶ Corresponding mobile radio contract.
- ▶ Compatible smartphone.
- ▶ Apps are installed on the smartphone and ready for use.
- ▶ The smartphone is connected to the vehicle via a USB port or Bluetooth, see Owner's Handbook for the vehicle.

- ▶ The smartphone is connected to the vehicle simultaneously via Bluetooth and the USB interface.

With simultaneous connection via the USB interface and Bluetooth, the Bluetooth connection takes precedence.

Using apps

1. "Apps"
2. "All apps" or, where applicable, "ConnectedDrive"
3. Select the desired app on the smartphone.

Displaying the status

1. "All apps" or "ConnectedDrive"
2. "Mobile devices"

Frequently Asked Questions

Why are the apps installed on my smartphone not displayed on the Control Display, even though the smartphone is connected to the vehicle?

- ▶ The smartphone is no longer selected for the use of apps.

Another smartphone connected to the vehicle has been selected for the use of apps.

- ▶ The smartphone is no longer selected for the use of Bluetooth audio.

The smartphone is connected to the vehicle via Bluetooth. Another smartphone has been selected for the use of Bluetooth audio. Without Bluetooth audio, the use of apps via a Bluetooth connection is not possible.

Two different smartphones are used for audio playback and for using apps. In this case, one of the smartphones has to be connected to the vehicle via the USB interface.

vom 13.02.2018
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T. Tatschke, EE-620.

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