

## System limits

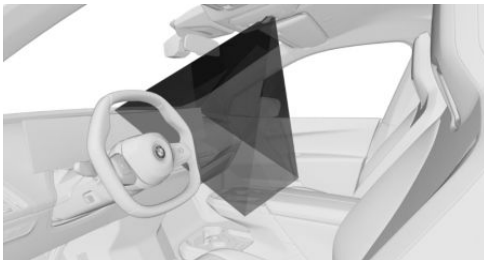
- ▶ The Personal Assistant provides information about vehicle functions that may not be installed in the vehicle.  
This also applies to safety-relevant functions and systems.
- ▶ Certain noises may be detected and could cause problems. Keep doors and windows closed.
- ▶ Noises from the front passenger or the passengers can impair the system. Avoid background noise in the vehicle while you are speaking.
- ▶ Strong dialects may prevent speech recognition from working properly.
- ▶ A poor data connection influences the response time of the Personal Assistant and the Search.

## BMW gesture control

### Principle

BMW gesture control enables some iDrive functions to be operated simply by moving your hands.

### Overview



The camera in the headliner detects gestures made in the area of the centre console at the height of the control display.

The camera of the gesture control uses an invisible Class 1 laser.

### Activating/deactivating gesture control

1. "MENU"
2. "Vehicle apps"
3. "System settings"
4. "Gesture control"
5. "Gesture control"

### Settings



1. "MENU"
2. "Vehicle apps"
3. "System settings"
4. "Gesture control"
5. Select the desired setting.

### Performing gestures

- ▶ Perform the gestures under the interior mirror and to the side of the steering wheel.
- ▶ Perform the gestures clearly.
- ▶ The gestures can also be performed by the front passenger.

## Possible gestures

Gesture	Operation	Function
	Move extended index finger forward and backward in the direction of the control display.	To accept phone call. To select the highlighted entry of a list during voice input. To confirm the pop-up.
	Swipe hand in front of the control display in the direction of the front passenger seat.	To reject phone call. To close the pop-up. To end voice input.
	Move extended index finger slowly in a clockwise circle. Gesture is detected after approximately one circular movement.	To increase the volume.
	Move the extended index finger slowly counter-clockwise in a circle. Gesture is detected after approximately one circular movement.	To reduce the volume.
	Bring thumb and index finger together and move the hand to the right or left.	Turn vehicle in the Live Vehicle view. Parking view: turn camera view. This gesture is only possible with the vehicle at standstill.
	Move fist with thumb extended to the left back and forth.	To skip back. The previous music track is played.
	Move fist with thumb extended to right left back and forth.	Skip function forwards. The next music track is played.

Gesture	Operation	Function
	With the index and middle fingers extended, point into the direction of the control display.	Perform individually assignable gesture.
	Stretch out all five fingers, make a fist and then stretch out all five fingers again.	Perform individually assignable gesture.

## Assigning a gesture individually

### General

Two gestures can be assigned individually and can be set as a shortcut for certain functions, for example:

- ▶ Route guidance to home address.
- ▶ Mute/playback.
- ▶ Control display on/off.

### Setting a gesture shortcut

The desired function can be selected directly in any menu and set as a shortcut.

1. Press and hold the relevant menu item.
2. "Add to gesture shortcuts"

### Selecting the function

Some defined functions can be selected directly in the menu for gesture control.

1. "MENU"
2. "Vehicle apps"
3. "System settings"
4. "Gesture control"
5. "Point two fingers at display" or "Show five-of-five fingers"
6. Select the desired setting.

## System limits

Detection of gestures by the camera in the headliner can be disrupted under the following circumstances:

- ▶ The camera lens is covered.
- ▶ There are objects on the interior mirror.
- ▶ The camera lens is dirty; clean the camera lens.  
Sensors and camera lenses, see page [376](#).
- ▶ The gesture is performed outside the detection range.
- ▶ Wearing of gloves or jewellery.
- ▶ Smoking in the interior.