



**Owner's Manual for Voice Control.  
The Convenient Alternative  
to Manual Control.**



© 2000 BMW AG  
Munich/Germany  
Reprinting, including excerpts, only with the  
written consent of BMW AG, Munich.  
Part number 01 41 0 155 409  
US English IV/00  
Printed in Germany  
Printed on environmentally friendly paper  
(bleached without chlorine, suitable for recycling).

<b>Voice control of the car telephone</b>	<b>3</b>
<b>    Speaking notepad</b>	<b>13</b>
<b>Voice control of the navigation system</b>	<b>15</b>
<b>    General commands</b>	<b>17</b>
<b>    Operating help</b>	<b>19</b>

## Notes on this Owner's Manual

This Supplementary Owner's Manual is intended to familiarize you with the features of your BMW's voice control system. For descriptions of features that are not covered by this Owner's Manual please consult the main Owner's Manual or other supplementary Owner's Manuals supplied with it.

If you have any other queries, BMW Service will always be glad to advise you.

## Status at time of printing

The advanced technological features and high quality standard of BMW equipment are maintained by an ongoing development process. This may lead to discrepancies between the information in this Owner's Manual and the actual features of your car. Nor can errors be entirely ruled out.

Please therefore appreciate that no legal claims can be entertained on the basis of the data, illustrations or descriptions in this Owner's Manual.

## Symbols used



Indicates instructions or precautions that must be followed precisely in order to avoid the possibility of personal injury and serious damage to the vehicle. ◀



Contains information that will assist you in gaining the optimum benefit from your vehicle and enable you to care more effectively for your vehicle. ▶

◀ Marks the end of a specific item of information.

\* Indicates special equipment, country-specific equipment and optional extras.

## 4 Important information

### The convenient alternative

Voice control enables you to activate important functions of the car telephone and navigation system\* without needing to operate any controls manually.

This enables you to concentrate on the traffic situation, you do not need to divert your eyes from the road ahead in order to check readouts, and the voice control system "converses" with you.

A number of voice commands are available; with a little experience, you will find them easy and convenient to use.

Whenever you issue one of the defined commands with the system active, the voice control system converts your command into a control signal for the telephone or navigation system. The system automatically recognizes whether your command is directed at the telephone or the navigation system. Your inputs take the form of dialogues or commands. You are guided through the dialogues by announcements or questions.

Please familiarize yourself with the functions of your car telephone\* or mobile phone\* and your navigation system\* before using voice control.

### Defined voice commands

The voice control system understands around 50 predefined commands, which need to be given exactly, word for word.

You can prompt the system to speak a selection of these commands by activating the system (refer to page 5) and giving the command >>Help<<. These commands are also shown in list form at the end of this Owner's Manual; this list can be cut out for added convenience.



The help function is integrated as a sub-function in the areas Telephone, Navigation and Notepad. ◀



Do not use voice control for placing emergency calls. Your voice and habitual tone could be affected by stressful situations, as a result of which the process of establishing the telephone connection could be unnecessarily delayed.

You are urged to use the handset instead, or the multifunctional steering wheel (MFL), the multi-information display (MID) or the on-board computer\* if a number for emergency calls is stored in these systems. ◀

### Making yourself clearly understood


The voice control system includes a special hands-free microphone mounted in the roof lining of your car, at the front; this microphone filters out ambient noise. There are nevertheless a few points to observe in making sure you are properly understood:

- ▷ Speak continuously and at normal volume, avoiding unnatural emphasis and pauses between words
- ▷ Do not speak while the voice control system itself is giving an output
- ▷ Keep doors, windows and the sunroof closed to avoid noise interference from outside the car
- ▷ Avoid causing background noise in the car while you are speaking, and ask your passengers not to speak while you are issuing voice commands
- ▷ The hands-free microphone is positioned to pick up the driver's voice. Other occupants of the car could be understood with less accuracy, and are therefore advised to use the handset when making a telephone call.


## Important information




### Activating the system


To switch on voice control, press the  key (arrow) in the multifunctional steering wheel:

- ▷ Press this key briefly to activate the normal telephone functions, which are described in the Owner's Manual for your BMW car telephone or BMW mobile phone
- ▷ Hold the key pressed in (until the acoustic signal is heard) to activate voice control. A brief acoustic signal and the display "VOICE RECOGNITION" in the Check Control\* indicate that the system is now in the standby mode.

Before giving a new voice command – except during a dialogue – always press the  key again.

### Interrupting voice control

A command can be interrupted by speaking the word >>Cancel<< or pressing the  key in the multifunctional steering wheel.


It is only possible to interrupt dialogues, in which it is possible to speak a text of your choice (names, notes), by pressing the  key.



If you receive a telephone call while conducting a dialogue by voice control, the telephone mode automatically cuts in. The systems indicates >System off< with speech output and "SYSTEM OFF" appears in the Check Control\*. ◀

### Deactivating the system

You can switch off the voice control system in the following ways:

- ▷ By pressing the  key (arrow) in the multifunctional steering wheel for a longer time
- ▷ By avoiding speech input for a period longer than 10 seconds
- ▷ With the >>Cancel<< command.

The systems indicates >System off< with speech output and "SYSTEM OFF" appears in the Check Control\*.


### Now you're ready to start

The voice control dialogues are shown on the following pages.

The words of the command you should give are shown inside double pointed brackets >> ... << and the responses by the voice control system in single pointed brackets > ... <.

## 6 Dialing a telephone number – a full example

### Starting a dialogue

Hold the  key in the multifunctional steering wheel pressed in (until the acoustic signal is heard).

The commands

>>Dial phone<<

or

>>Dial (phone) number<<

call up the dialogue for establishing a telephone connection. You are guided through this process by a predefined dialogue.

### Saying numbers

The system understands single digits from zero to nine. You can choose to say either >>zero<< or >>nought<<. Numbers such as ten, eleven, twelve, etc. are not recognized.

To speed up input, it is a good idea to group together between three and five digits into a continuous string. However, you can also say each digit individually, or all digits continuously.



Telephone numbers of up to 30 digits are acknowledged. If a longer number is given, the following error message will be: >The number is too long<. ◀

### Establishing a connection

The commands

>>Dial phone<<

or

>>Dial phone number<<

terminate input of the digits, and a connection is established with the telephone number displayed. Any audio sources in the car are muted.

### Dialing a telephone number

#### You say

>>Dial phone (number)<<

>>One, eight, zero, zero<<

>>Three, eight, two, four<<

>>One, six, eight<<

>>Dial phone (number)<<

#### Voice output

>Please speak number<

>One, eight, zero, zero, continue?<

>Three, eight, two, four, continue?<

>One, six, eight, continue?<

>Dialing<

#### Display output

SPEAK NUMBER

TEL 1800

TEL 18003824

TEL 18003824168

TEL 18003824168

## Dialing a telephone number – a full example

### Correcting inputs

If you have made a mistake or if the voice control system has misunderstood you, say

>>Correction<<

to repeat the last block of digits. After the command >>Correction<<, the system repeats the digits that were entered correctly up to that point.

The command >>Correction<< can be repeated as often as necessary. To correct an error in the second to last block of digits, issue the command >>Correction<< twice in succession without saying a digit between the two commands.

### Deleting inputs


>>Delete<<



does not merely delete the last block of digits, in contrast to >>Correction<<; it deletes all digits that have so far been entered.


It is then necessary to enter the digits again from the very beginning.

### Interrupting

>>Cancel<<

terminates voice input at any point of the dialogue. If a telephone connection has already been established, it can be ended by holding the  key pressed in.

 Hold the  key pressed in (until the acoustic signal is heard) to end a telephone call.

If the  key is pressed briefly at this point in the telephone dialogue, redialing will be activated via the multifunctional steering wheel. ◀

### Correcting or deleting inputs

#### You say

#### Voice output

#### Display output

>>Dial phone (number)<<

>Please speak the number<

SPEAK NUMBER

>>One, eight, zero, zero<<

>One, eight, zero, zero, continue?<

TEL 1800

>>Three, eight, two<<

>Three, eight, two, continue?<

TEL 1800382

>>Four, one, six<<

>Four, one, six, continue?<

TEL 1800382416

>>Correction<<

>One, eight... eight, two, continue?<

TEL 1800382

>>Correction<<

>One, eight, zero, zero, continue?<

TEL 1800

>>Clear<<

>Please speak the number<

SPEAK NUMBER



## 8 Dialing a telephone number – a full example

### For those in a hurry

Instead of the standard dialogue, you can use the command

```
>>Number<<
```

to activate a short form. The speech output is then reduced to a minimum.

The other commands for establishing a telephone connection also apply to the short form of the dialogue.

### Checking input

The command

```
>>Verify<<
```

is used to have the voice control system read off all inputs made up to this point for checking.

### Short form for dialing a telephone number

You say	Voice output	Display output
>>Number<<	>Speak the number<	SPEAK NUMBER
>>One, eight, zero, zero<<	>One, eight, zero, zero<	TEL 1800
>>Three, eight, two, four<<	>Three, eight, two, four<	TEL 18003824
>>One, six, eight<<	>One, six, eight<	TEL 18003824168
>>Dial (phone) number<<	>Dialing<	TEL 18003824168

## Storing and deleting a telephone number

### Storing a telephone number

Telephone numbers which you dial frequently can be stored in conjunction with the subscriber's name, which serves as the search word.

>>Store/Save name<<

or

>>Add name/number<<

calls up the dialogue for storing a name. To ensure the name is recognized reliably when called up, you are requested to speak it twice. You are then asked to give the number. The same rules as for the >>Dial phone number<< command apply.

The command

>>Save<<

enters the displayed telephone number in the memory, together with the name you have given as the search word.



The time taken to say the names in your voice control phonebook may not exceed 2.5 seconds.

If possible, keep names as acoustically distinct from one another as possible, for example, "Miller Peter" and "Taylor Susan" instead of "Mr. Miller" and "Ms. Taylor." This will improve recognition when you come to make a call.

Depending on the length of the names and numbers you have entered, it is possible to store up to 50 entries. ◀

### Storing a telephone number with name

#### You say

#### Voice output

#### Display output

>>Store name<<

>Please speak the name<

SPEAK NAME

>>Taylor Susan<<

>Please repeat<

REPEAT NAME

>>Taylor Susan<<

>Please speak the number<

SPEAK NUMBER

>>One, eight, zero, zero<<

>One, eight, zero, zero, continue?<

TEL 1800

>>Three, eight, two, four<<

>Three, eight, two, four, continue?<

TEL 18003824

>>One, six, eight<<

>One, six, eight, continue?<

TEL 18003824168

>>Save<<

>Name and number are saved<

NAME SAVED

## 10 Storing and deleting a telephone number

### Deleting a memory entry

The command

```
>>Delete/Clear name<<
```

deletes an entry from our voice control phonebook. You are then asked to give the name for the telephone number which you wish to delete.

### Deleting all memory entries

The command

```
>>Clear/Delete phonebook<<
```

deletes all entries in your phonebook.

It is not possible to alter the name or number of an individual entry stored in the phonebook. Instead, delete the incorrect entry and re-enter it in its correct form.



The names and telephone numbers entered in your voice control phonebook are independent of the telephone or SIM card memory of your BMW car telephone or BMW mobile phone.

In other words, it is not possible to call up the numbers stored in the telephone itself or on the SIM card by voice input, nor is it possible to store numbers there by voice input. ◀

### Deleting an individual telephone number

You say	Voice output	Display output
>>Delete name<<	>Please speak the name<	SPEAK NAME
>>Taylor Susan<<	>Would you like to delete the name?<	TEL 18003824168
>>Yes<<	>Name and number are deleted<	NAME DELETED

### Clearing the entire phonebook

You say	Voice output	Display output
>>Clear phonebook<<	>Would you like to clear the phonebook?<	CLEAR PHONEBOOK?
>>Yes<<	>Are you sure?<	CLEAR PHONEBOOK?
>>Yes<<	>The phonebook has been cleared<	PHONEBOOK CLEARED

## Dialing a telephone number from the memory

### Dialing a telephone number

The command

```
>>Dial name<<
```

activates the telephone number memory. When prompted by the voice control system, speak the name under which you have stored the telephone number you want.

A short form of this dialogue can be called up with

```
>>Name<<
```

The speech output is then reduced to a minimum.



The voice control system will "understand" best the person who made the entries. ◀

### Dialing a telephone number in the memory

#### You say

#### Voice output

#### Display output

```
>>Dial name<<
```

```
>Please speak the name<
```

```
SPEAK NAME
```

```
>>Taylor Susan<<
```

```
>Taylor Susan, are you sure?<
```

```
TEL 18003824168
```

```
>>Yes<<
```

```
>Dialing<
```

```
TEL 18003824168
```

### Short form for dialing a telephone number in the memory

#### You say

#### Voice output

#### Display output

```
>>Name<<
```

```
>Speak the name<
```

```
SPEAK NAME
```

```
>>Taylor Susan<<
```

```
>Taylor Susan, are you sure?<
```

```
TEL 18003824168
```

```
>>Yes<<
```

```
>Dialing<
```

```
TEL 18003824168
```

## 12 Dialing a telephone number from the memory/redialing

### Reading out the phonebook

The command

>>Read phonebook<<

or

>>Play phonebook<<

enables you to have all entries in your voice control phonebook read out in the order in which they were entered.

To dial a telephone number that has been read out, give the command >>Dial (number)<< immediately after the voice control has read out the number you want.


### Redialing

The command

>>Redial<<

dials the telephone number last used.



By pressing the  key in the multifunctional steering wheel you also activate the redialing function. ◀

### Dialing from the phonebook

You say	Voice output	Display output
>>Read phonebook<<	(Reads out the entries)	(Display numbers)
>>Dial (number)<<	>Dialing<	(Display number)

### Redialing the telephone number last used

You say	Voice output	Display output
>>Redial<<	>Dialing<	(Display number)

## Recording a note

### Your speaking notepad


Following the command

>>Record (note)<<

or

>>Record (memo)<<

you can record spoken text for a total of about five minutes, either as individual passages or continuously.

To end recording, hold the  key pressed in.



When recording notes, the voice control "ignores" the >>Cancel<< command.


In this instance, the function which identifies the command words is deactivated to enable you a free choice of vocabulary in your notes. In other words, command words do not have to be avoided. ◀

### Recording spoken notes

#### You say

>>Record (note)<<

(Speak your text)

Hold  pressed in

#### Voice output

>Recording<

-

>End of note<

#### Display output

RECORDING NOTE

RECORDING NOTE

END OF NOTE

## 14 Listening to and deleting a note

### Notepad

Recorded notes are called up with the command


>>Play note(pad)<<

or

>>Read note(pad)<<

They are played back in the order in which they were recorded.



Holding the  key in the multi-functional steering wheel pressed in cancels the output of the notes. ◀

### Clearing the notepad

The command


>>Clear notepad<<

or

>>Delete notepad<<

clears the entire notepad. It is not possible to delete individual entries.

### Listening to spoken notes

You say	Voice output	Display output
>>Play note(pad)<<	(Reads out all notes)	PLAYING NOTE
 Hold pressed in	>End of notepad<	END OF NOTEPAD

### Deleting spoken notes

## Selecting map mode

The command

>>Route map<<

calls up the map mode on the monitor of the on-board computer, irrespective of which menu it is currently showing.

When the map mode has been activated, you can call up all valid scales with the commands

>>Scale 400 feet<<

to

>>Scale 50 miles<<

Valid scales are:

▷ 400 or 800 feet

▷ 0.25, 0.5, 1, 2.5, 5, 10, 25 or 50 miles.

## Information on current position or destination

Following the command

>>Gas station at current location<<

all gas stations in your vicinity are listed on the on-board computer.

If you have entered a destination in the navigation system, you can also call up with the command

>>Gas station at destination<<

a list of all gas stations in the vicinity of the destination specified. Browse up and down the list with the rotary knob for the on-board computer (see Owner's Manual for on-board computer).

As soon as you have issued the last command once, from that point on gas stations are always flashed up in the road maps.

The same principle applies to calling up information on parking lots, hotels or restaurants. Depending on which command was used most recently, parking lots, hotels or restaurants are also shown on the road maps.

## Activating destination guidance

The command

>>Navigation<<

activates the destination guidance function of your navigation system, provided a destination has been entered.

The command

>>Save position<<

memorizes your current position as the starting point for the navigation process. To confirm, in addition press the rotary knob on the on-board computer.

The commands

>>Instruction<<

and

>>Instruction off<<

switch the spoken instructions of the navigation system on and off.

The command

>>New route<<

prepares the on-board computer for immediate input of information of your choice, using the rotary knob.





# General commands

## Adjusting the volume

The commands

>>Volume up<<

or

>>Volume down<<

adjust the volume of the speech output.

By repeating the command >>Volume up<< or >>Volume down<<, the volume is raised or lowered in predefined increments.

## Command not recognized

If a command is not recognized by the speech recognition system, it responds with >>Sorry?<<.

Please say your command again.

## Adjusting the volume

You say

Voice output

Display output

>>Volume up<<

-

VOLUME - ■■■■■■ +

>>Volume down<<

-

VOLUME - ■■■■ +



# Operating help

## Activating user help function

The command

>>Help<<

calls up the user help function.

The user help function is divided into three areas:

- ▷ Telephone
- ▷ Navigation
- ▷ Notepad

It calls up a list of telephone commands in spoken form.

## Calling up telephone commands

The command

>>Help phone<<

will cause the speech recognition system to read off the following commands:

- ▷ >Dial number<
- ▷ >Dial name<
- ▷ >Add name<
- ▷ >Delete name<
- ▷ >Play phonebook<
- ▷ >Clear phonebook<
- ▷ >Redial<

The display "HELP PHONE" appears in the Check Control\*.

## 20 Operating help

### Calling up notepad commands

The command

>>Help note(pad)<<

will cause the speech recognition system to read off the following commands:

- ▷ >Record note<
- ▷ >Play notepad<
- ▷ >Clear notepad<

The display "HELP NOTEPAD" appears in the Check Control\*.

### Calling up navigation commands

The command

>>Help navigation<<

will cause the speech recognition system to read off the following commands:

- ▷ >Route map<
- ▷ >Navigation<
- ▷ >Scale 400/800 feet<
- ▷ >Scale one quarter of a mile<
- ▷ >Scale half a mile<
- ▷ >Scale 1/2.5/5/10/25/50 miles<
- ▷ >Hotel at current location<
- ▷ >Parking lot at current location<
- ▷ >Restaurant at current location<
- ▷ >Gas station at current location<
- ▷ >Hotel at destination<
- ▷ >Parking lot at destination<
- ▷ >Restaurant at destination<
- ▷ >Gas station at destination<
- ▷ >Save current position<
- ▷ >New route<
- ▷ >Instruction<
- ▷ >Instruction off<

The display "HELP NAVIGATION" appears in the Check Control\*.

# Voice control. Telephone commands at a glance.

Dial phone/Dial phone number/Number

Dial/Redial

Correction

Clear

Cancel

Dial name

Store name

Add name/Add number

Save

Delete name

Play phonebook/Read phonebook

Clear phonebook

Record note/Record memo

Play notepad/Read notepad/Read note

Delete notepad/Clear notepad



# Voice control. Navigation commands at a glance.

Route map

Scale 400 feet/.../Scale 50 miles

Navigation

Gas station at current location/at destination

Parking lot at current location/at destination

Carpark at current location/at destination

Hotel at current location/at destination

Restaurant at current location/at destination

Save position/Save current position

Instruction

Instruction off

New route





**The Ultimate Driving Machine**