

Radio Types **NCDR 2011**
NCDC 2013
NCDC 2015



Overview

Controls

- 1 Switching on and off:
Press
- Volume adjustment :
Turn
- 2 Tone menu
- 3 CD plug-in unit
- 4 Anti-theft protection LED
- 5 Call up main display
- 6 Delete last entry/Return to menu
- 7 Numbered buttons
- 8 CD ejector
- 9 Multi-function knob
- 10 Alternative Route
- 11 Home address as
Navigational objective
- 12 Select AS wave-bands,
Automatic storage
- 13 Switch travel information station
on and off
- 14 Route Information

- 15 Repeat current
Navigation announcement
- 16 Navigation Menu
- 17 Route Menu
- 18 Switch on CD playback
- 19 Switch on CDC
changer-playback *
- 20 Switch on Radio playback
- 21 On-Board Computer */
System Settings
- 22 Search buttons
Radio: Search forwards/back-
wards;
Manual station selection
CD: Next track/previous track;
Search
- 23 End call/Telephone menu
- 24 Receive call/commence
- 25 OnStar
- 26 Emergency call buttons
- 27 Telephone menu
- 28 CD Magazine ejector
- 29 CD Magazine loading flap

Steering wheel remote control *

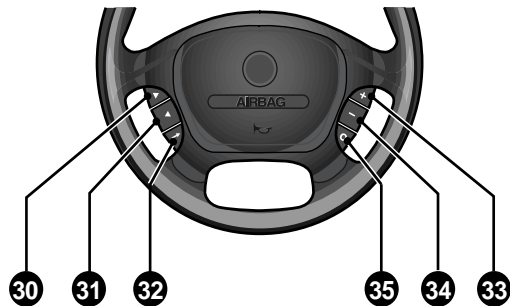
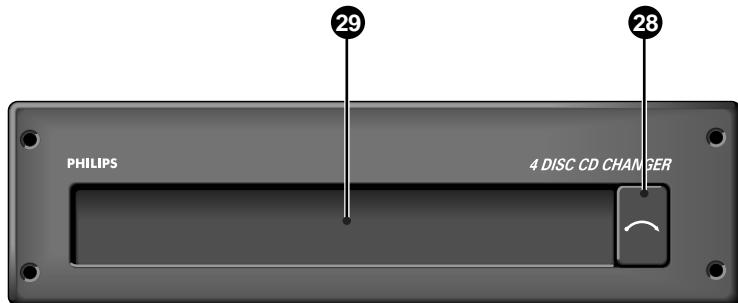
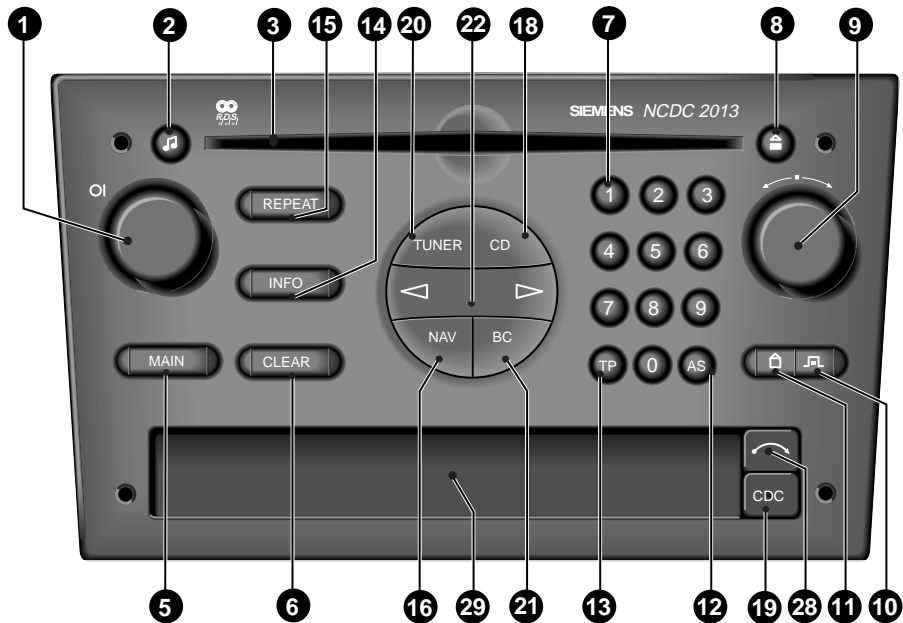
- 30 Cursor upwards/
Search upwards
- 31 Cursor downwards/
Search downwards
- 32 Select Function
- 33 Increase Volume
- 34 Reduce Volume
- 35 Change Source/Change Menu

Telematic unit *

- 26 Emergency call button
- 37 Loudspeaker
- 38 SIM card insertion slot

CD changer *

- 28 CD magazine ejector
- 29 CD Magazine loading flap



Overview

Controls

- 1 Switching on and off:
Press
- Volume adjustment :
Turn
- 2 Tone menu
- 3 CD plug-in unit
- 4 Anti-theft protection LED
- 5 Call up main display
- 6 Delete last entry/Return to menu
- 7 Numbered buttons
- 8 CD ejector
- 9 Multi-function knob
- 10 Alternative Route
- 11 Home address as
Navigational objective
- 12 Select AS wave-bands,
Automatic storage
- 13 Switch travel information station
on and off
- 14 Route Information

- 15 Repeat current
Navigation announcement
- 16 Navigation Menu
- 17 Route Menu
- 18 Switch on CD playback
- 19 Switch on CDC
changer-playback *
- 20 Switch on Radio playback
- 21 On-Board Computer */
System Settings
- 22 Search buttons
Radio: Search forwards/back-
wards;
Manual station selection
CD: Next track/previous track;
Search
- 23 End call/Telephone menu
- 24 Receive call/commence
- 25 OnStar
- 26 Emergency call buttons
- 27 Telephone menu
- 28 CD Magazine ejector
- 29 CD Magazine loading flap

Steering wheel remote control *

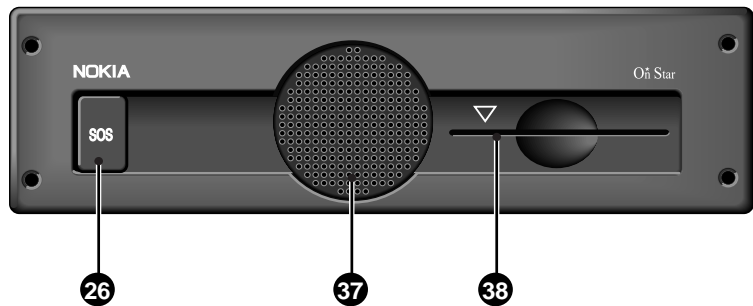
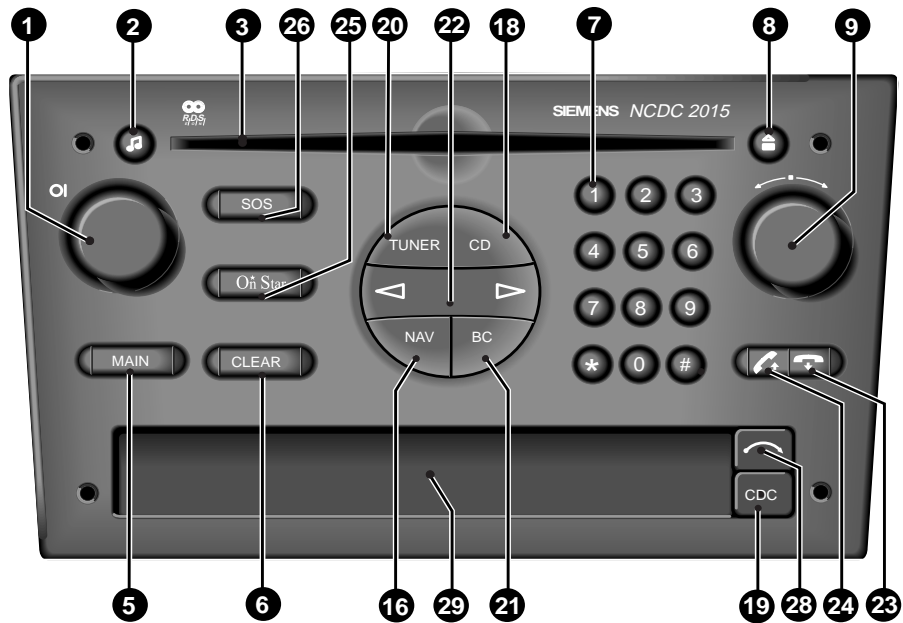
- 30 Cursor upwards/
Search upwards
- 31 Cursor downwards/
Search downwards
- 32 Select Function
- 33 Increase Volume
- 34 Reduce Volume
- 35 Change Source/Change Menu

Telematic unit *

- 26 Emergency call button
- 37 Loudspeaker
- 38 SIM card insertion slot

CD changer *

- 28 CD magazine ejector
- 29 CD Magazine loading flap



Overview

Controls

- 1 Switching on and off:
Press
- Volume adjustment :
Turn
- 2 Tone menu
- 3 CD plug-in unit
- 4 Anti-theft protection LED
- 5 Call up main display
- 6 Delete last entry/Return to menu
- 7 Numbered buttons
- 8 CD ejector
- 9 Multi-function knob
- 10 Alternative Route
- 11 Home address as
Navigational objective
- 12 Select AS wave-bands,
Automatic storage
- 13 Switch travel information station
on and off
- 14 Route Information

- 15 Repeat current
Navigation announcement
- 16 Navigation Menu
- 17 Route Menu
- 18 Switch on CD playback
- 19 Switch on CDC
changer-playback *
- 20 Switch on Radio playback
- 21 On-Board Computer */
System Settings
- 22 Search buttons
Radio: Search forwards/back-
wards;
Manual station selection
CD: Next track/previous track;
Search
- 23 End call/Telephone menu
- 24 Receive call/commence
- 25 OnStar
- 26 Emergency call buttons
- 27 Telephone menu
- 28 CD Magazine ejector
- 29 CD Magazine loading flap

Steering wheel remote control *

- 30 Cursor upwards/
Search upwards
- 31 Cursor downwards/
Search downwards
- 32 Select Function
- 33 Increase Volume
- 34 Reduce Volume
- 35 Change Source/Change Menu

Telematic unit *

- 26 Emergency call button
- 37 Loudspeaker
- 38 SIM card insertion slot

CD changer *

- 28 CD magazine ejector
- 29 CD Magazine loading flap

Contents

Overview	1
General Information	2
Emergency call *	5
Service	7
Steering wheel - remote controls *	12
Volume	13
Main display	14
Tone settings	15
Radio	16
CD Player	30
CD Changer *	32
On-Board Computer *	35
Navigation	43
Telephone *	64
OnStar *	104
OnStar with GPS *	107
Trouble shooting	108
General notes	112
Subject index	116
Display Messages	120

General Information

General Information regarding these Operating Instructions

To provide a rapid reference to the very many functions offered by the unit, the section entitled “Brief Overview” and the relevant cover-pages give a summary of all the controls used for display and operation.

A description of the basic controls to the “Infotainment” is given in the section entitled “Operation”.

Detailed functional descriptions for your “Infotainment” system are provided in the sections headed “Radio”, “CD Player”, “CD Changer”, “On-Board Computer”, “Navigation”, “Telephone” and “OnStar”.


If you are looking for a specific subject, the index at the back of this instruction manual will be particularly useful.

An index of the menu displays will help you with information shown in the display.

If your “Infotainment” system does not operate as you expect, please study the sections entitled “Trouble-Shooting” and “General Instructions”. This will often clarify misunderstandings and difficulties.

The displays shown in this manual cover the three different types of display used in the Vauxhall range of vehicles according to model and option codes.

The following symbols will assist you as you read these instructions:

-  A hand in front of the text requires you to do something.
- ✓ A tick in front of the text describes the reaction of the unit.
- A large dot in front of the text gives you additional information on the subject.
- A square before the text marks an enumeration.
- ⚠ A warning triangle covers important information regarding the safe use of your “Infotainment” system.
- * An asterisk identifies equipment which is not fitted to all vehicles (model variants; variants for particular countries; special versions).
- ▶ An arrow indicates that the subject matter continues on the next page.

Important Notes for Operation and Road Safety.

Mobile phones affect your environment. This is why the safety rules and regulations have been established. You should find out about the respective regulations before you use the telephone or OnStar functions of your unit.

If you want to use the telephone or OnStar functions of your unit when travelling abroad, you should find out about the regulations which apply in the country to which you are travelling.

- ⚠ Using the telephone function of your unit whilst your vehicle is moving can be dangerous, as your concentration is reduced when you are on the telephone. Ensure your vehicle is stationary before you use the telephone. Observe the regulations of the country which you are visiting.
- ⚠ Do not use the handset whilst driving 🚫. Stop the vehicle first before you use the handset. Always secure the handset in its holder. Do not leave the handset lying on the passenger seat or anywhere, that it may be thrown around in the event of a collision or of a sudden braking manoeuvre.

- ⚠ Don't forget to observe the special regulations which apply for a particular area. Always turn off the telephone by removing the SIM-code card if operating mobile telephones is forbidden or if using the telephone could cause interference or create a hazard.
- ⚠ Users are recommended to remove the SIM-card from the telephone at fuel stations. Users are also reminded of the necessity to observe the restrictions regarding the use of radio units in fuel depots (storage and retail areas) chemical stores or in any areas where explosives are found. Removing the SIM-code card, see page 65
- ⚠ It is dangerous to use the telephone in areas where there is any danger of an explosion! Deactivate the telephone function by removing the SIM card in areas where there is a danger of causing an explosion. Amongst these are areas in which fuels and other inflammable chemicals are used (fuel stations, fuel stores, chemical companies etc.). For removing the SIM card, see page 65

- ⚠ Places where the danger of explosion exists are, in fact, quite common, but not always clearly identified. Amongst such locations, for example, are the lower decks of ships; areas surrounding pipes and tanks containing chemicals; areas too near vehicles which are propelled by liquid gas (such as propane or butane); locations places where there are chemicals or particles such as flour, dust or metal powder present in the air and any other place where it would normally be recommended that engines should be switched off.
- ⚠ Most modern electronic devices are shielded against RF (Radio Frequency) signals. It can, however, happen that certain electronic items of equipment are not protected against the RF signals from your mobile telephone.

- ⚠ Deactivate the telephone by removing the SIM-code card in all areas in which the use of radio transmission units is forbidden; for example at airports, on certain ferries and car-transporting trains, in quarries and in other areas where explosions are carried out. Deactivate your telephone by removing the SIM card in any location where you are requested to do so.
Removal of the SIM card, see page 65
- ⚠ Using the Navigation system does not excuse the driver from his own responsibility for correct and careful behaviour on the road. Road traffic regulations must always be observed. Always use your “Infotainment” system in such a way that you can steer your vehicle safely. If you are in any doubt, stop your vehicle before using the “Infotainment” system.

- ⚠ Always stop your vehicle before making any entries (for example entering addresses).
- ⚠ If an instruction in the Guidance contradicts the road traffic regulations, the traffic regulations always have precedence.
- ⚠ Insert a CD with System Software see page 114.

Anti-theft protection

The “Infotainment” system is factory fitted with an electronic security system for anti-theft protection. A coded unit is useless to the thief. The unit is coded in the factory. If any problems arise, or the display shows “Safe”, please contact a Vauxhall Dealership.

Emergency call *


- ⚠ Like every other mobile phone, the telephone function of the “Infotainment” system operates through the use of radio signals, mobile radio and transmission networks and with functions programmed by the user. That is why making a connection cannot always be guaranteed in every situation. For this reason, you should not rely exclusively on a mobile phone if it is a matter of essential communication ... (for example medical emergencies).
- ⚠ In some networks, it may be required to have a valid SIM card correctly inserted into the Telematic unit of the “Infotainment” system.
- ⚠ You should always be aware of the fact that you can only make and receive calls via the telephone function when this is activated and if you are in a service area with adequate signal strength. Emergency calls cannot be made in all circumstances with mobile phones; possibly, they cannot be made even when the particular network services and/or telephone functions are active. Information on this can be obtained from the local network operators.


⚠ When certain functions (call barring, fixed dialling lists etc.) are active, you must first of all switch off these functions before you can make an emergency call. Further information on this subject can be found in this documentation and enquiries should be made to your local network operator.

⚠ An emergency call can only be made if the car battery and the GSM antenna is able to function and is correctly connected.



An emergency call can also be sent with the **SOS** button **26** provided the “Infotainment” System is switched off.


Emergency calls are always made via the free speech device and the loudspeaker of the Telematic unit.


Provider					
Call emergency number?					
<input type="text" value="Yes"/>				No	
19,5 °C	U2-AS	BBC R2	TP	16:30	

Provider					
Call emergency number?					
<input type="text" value="Yes"/>				No	



Transmitting an Emergency Call

- ☞ **SOS** buttons **26** briefly press
- ✓ Confirmatory page is displayed.
- ☞ Again **SOS** button **26** should be pressed
- or:
Confirm with “Yes”
- or:
 press **11** button.
- To break off an emergency call “No” should be confirmed
- or:
 press **10** button
- or:
CLEAR press **6** button.
- If it is not confirmed, the function breaks off after 30 seconds.


Provider 				
Calling emergency number in 3 seconds.				
Yes <input type="text"/>		No		
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Call emergency number in 3 seconds.				
Yes <input type="text"/>		No		

or:

 **SOS** button  should be pressed down for more than 2 seconds.

✓ A counter is displayed. After 3 seconds, the emergency call will be automatically transmitted.

 To re-transmit the emergency call, press the **SOS** button.
or confirm:
with “Yes”

or:

press **SOS** -button again


or:


press  button.

● To break off the emergency call within 3 seconds select “No”

or:

press  button


Provider 				
Calling emergency number.				
End call <input type="text"/>				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
Calling emergency number.				
End call <input type="text"/>				

or:


CLEAR-press  button.

✓ The voice connection to the Emergency Call Centre is made.

Provider 				
Active: Emergency call				
Position: 24° 01' 20" N 12° 03' 40" E				
End call <input type="text"/>				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Active: Emergency call				
24°01'20"N		12°03'40"E		
End call <input type="text"/>				

✓ When the voice connection is made, the position data will be displayed if possible.

 You should answer if the service personnel ask you details about the emergency.

End emergency call




⚠ Only end the dialogue if required to do so. The emergency call is terminated via the emergency call centre.

or:

confirm “End call”

or:

press  button.

Navigation active   TMC  GPS				
Route class				
Alternative Route				
Route				
Atlas				
Info				
Settings				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30




Route class	Info
Alternative route	Settings
Route	Return



Service

The wide range of functions available with the “Infotainment” system are selected via function buttons and through menus, which are displayed on the screen.

In the main and submenus various functions are accessible as menu items.

The main menu can be called up with the function buttons (TUNER, BC, CD, NAV, TEL, OnStar).

Navigation active   TMC  GPS				
Range	186	Miles		
Trip Cons.	1.2	Galls		
Consump.	31.3	m.p.g.		
Inst. Cons.	23.5	m.p.g.		
▶ Speed	38.7	m.p.h.		
Trip Dist.	6.7	Miles		
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30


Inst. Cons.	23.5	m.p.g.	 
▶ Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			

The selection of an item from a menu is carried out with the cursor, which is moved by turning the multifunctional button onto the respective menu item. The cursor is shown in the form of a frame (bar).

- By using the “Return” bar on the menu or by pressing the **CLEAR**-button **6**, a return is made to the previous menu (except when letters are being entered).

By pressing the **MAIN** button **5** the main display is always called up.

Switching on and off

 To switch on and off, press **1**.



Switch on and off with the ignition key (automatic activation)




When the automatic activation is selected, the “Infotainment” system is automatically switched on if it was switched on when the ignition was turned off.

If the automatic activation is not selected, then the “Infotainment” system must be activated manually when the ignition is switched on.


To activate Automatic switch-on/ to deactivate

 **TUNER**-Key **20** press.

- ✓ The Tuner menu will appear on the display.
-  Select the “Functions” item on the menu.
- ✓ The Tuner functions menu will be displayed.
-  Select the “Settings” function.
- ✓ The Tuner-settings will be displayed.





Navigation active   			
Mode retainment	<input checked="" type="checkbox"/>		
Program type			
Speed dep. volume	2		
TA volume	15		
Regional	<input type="checkbox"/>		
TMC traffic info			
Return			
19,5 °C	U2-AS BBC R2	TP	16:30





Speed dep. volume	2		
TA volume	13		
Mode retainment	<input checked="" type="checkbox"/>	Return	

 Select the “Automatic switch-on” item on the menu and activate it or deactivate it accordingly.




Automatic switch-off

If the “Infotainment” System is switched on when the ignition key is removed, it then switches itself off automatically after one hour.

Navigation active   		
Range 157.5 Miles		
[TP]		
U1-AS BBC R1		
19,5 °C		⌚ 16:30

Navigation active   		
Range	157.5 Miles	
19,5 °C	U2-AS BBC R2	[TP] 16:52


Register on the display

The illuminated display acts as the display for the information from the On-Board Computer , from the “Check-Control” , from the radio, from the CD-player, from the CD-changer , from the navigation system, from the telephone as well as giving the date, time and outside temperature.


For “Check-Control”, see Owners Manual

The contrast of the display can be adjusted via the contrast menu, see page 42.

Shortly after the “Infotainment” system has been switched on, the main menu will be displayed, see page 14.

3:59	
11-5°C	
29-2-2000	
VAUXHALL	

11-5°C	⌚ 3:59
29-2-2000	

When the “Infotainment” system is switched off and the ignition is turned on, the outside temperature, time and date will be displayed. If the car is equipped with a BOSE[®] Sound System  the BOSE[®] symbol is displayed.

Select with the function buttons

The function buttons 14 - 21 are used to select the main functions.



☞ Press the corresponding function button.

- ✓ The corresponding function will be actioned.
- ✓ The last menu called up with this function will be displayed.
Call up the corresponding main menu: Press the function key again or select the "Return" menu bar or **CLEAR**-press 6 key (if there are several submenus, press several times).

Select from a menu

The cursor indicates which menu item should be selected.

- ☞ By turning the multifunctional button 9 move the cursor to the desired menu item.

Navigation active			
Band U-AS	Autostore	Station list	1 BBC R1 2 BBC R2 3 BBC R3 4 BBC R4 5 CLASSIC 6 BBC 3CR 7 N.DIRECT 8 CHILTERN 9 HEART FM 0 CAPITAL
TP	<input type="checkbox"/>	RDS	<input checked="" type="checkbox"/>
		TMC	<input type="checkbox"/>
Functions			
19,5 °C	U2-AS	BBC R2	TP 16:30

Band U-AS	TP	<input checked="" type="checkbox"/>	Functions
Autostore	RDS	<input checked="" type="checkbox"/>	
Station list	TMC	<input type="checkbox"/>	
19,5 °C	U2-AS	BBC R2	TP 16:35

- ☞ Confirm selection by pressing the multifunctional button 9.
- ✓ The corresponding function will be carried out or the corresponding menu will be displayed.
 - With certain menu items adjustments are carried out as per the selection made by turning the multifunctional button.
 - Activated functions are marked by a crossed field behind the menu item.

Special destination types	
Dest.	(4/22)
Return	<input type="checkbox"/>
Car parks	<input checked="" type="checkbox"/>
Place of interest	<input type="checkbox"/>
Restaurants	<input type="checkbox"/>
School	<input type="checkbox"/>
Town hall	<input type="checkbox"/>
19,5 °C	U2-AS BBC R2 TP 16:30

Dest.	Return	<input type="checkbox"/>
	Service areas	<input type="checkbox"/>
	Town hall	<input type="checkbox"/>
(8/10)	Restaurants	<input type="checkbox"/>

Select from a list

With certain menu items, lists are called up within which one moves with the cursor:

☞ Move the cursor upwards or downwards by turning the multifunctional button.

☞ Confirm selection by pressing the multifunctional button 9.

- ✓ Further list entries will appear as soon as the cursor is moved to the upper or lower areas of the display. On the right margin a scroll bar shows the current position of the cursor within the overall list.
- In certain lists the last selected entry is marked by a ► before the list entry.
- The number of the selected entry and the sum of all of the entries is shown above the list.

Input of destination address

Town: |

St.:

Corner:

ABCDEFGHIJKL MNOPQRSTUVWXYZ

0123456789 [ÄÅËËÖÜ <|>

Correction Confirm

List Guidance

Cancel Save

Town: |

ABCDEFGHIJKL MNOPQRSTUVWXYZ

0123456789 [ÄÅËËÖÜ >

Cancel

Entering letters

Entering characters for navigation details and telephone entries is done by selecting letters from a row of letters using the multifunctional button.

- ☞ Move the cursor on to the letters you require by turning the multifunctional button.
- ☞ Confirm your selection by pressing the multifunctional button.
- ✓ The letter you have selected will be entered on the corresponding line.
- From hereon, this way of entering letters will simply be called “typewriter”.

Input of destination address

Town: |ILF

St.:

Corner:

ABCDEFGHIJKL MNOPQRSTUVWXYZ

0123456789 [ÄÅËËÖÜ

Correction Confirm

List Guidance

Cancel Save

Town: |ILF

ABCDEFGHIJKL MNOPQRSTUVWXYZ 1

23456789 [ÄÅËËÖÜ

Correction Cancel

As each character is entered into the Navigation details, the entry will be compared with the data stored on the navigation CD.

The range of subsequent call-up characters is restricted for practical purposes.

- If special characters are necessary for the input, arrows (<|>) are displayed, with which further characters can be selected.

The “Infotainment” system completes the input automatically with possible further letters. In the row of letters only those characters which can possibly be further used in selecting a name are left to be selected. Example (Navigation CD for Great Britain): After inputting “ILF”, the letters “O” and “R” are the only letters left for selection to match the remaining possibilities for the names of places, ILFORD or ILFRACOMBE. After selecting any letter, the remaining letters of the place you are looking for are automatically completed.

After completing the input of the place, street no. or corner, the cursor jumps automatically to the next menu item.

Navigation active			TMC		GPS
Town:	<input type="text"/>			(1/2)	
Return	<input type="text"/>				
Dunstable	<input type="text"/>				
High Street North	<input type="text"/>				
Queensway	<input type="text"/>				
19,5 °C	U2-AS	BBC R2	TP	16:30	

Town:	<input type="text"/>	
(1/2)	<input type="text"/>	
	Return	
	Dunstable	
	High Street North	
	Queensway	

Entering characters also has an influence on the lists, from which selections may be made in the Navigation menu (see Navigation section).

When a letter or a combination of letters is entered, the possible choice is reduced in the corresponding lists. Behind the corresponding menu item for the selection of a list, the number of possible entries in the respective list from which a choice may be made is displayed. The more letters which are entered, the fewer entries there are to chose from.

Options in entering letters

There are additional options available for entering characters.

- Alteration of the last character entered: select "Correction" and enter another character
- or:
- **CLEAR**-button should be pressed briefly and enter the new character.
 - Deleting the last entered character sequence: **CLEAR**-key should be held down or the corresponding menu item selected again.
 - To return to the previous menu and delete the letters entered so far: select "Cancel".

Options for the Telematik device

For inputting characters for telephone entries the cursor is shown in the form of a bar and can be moved within the input field by selecting symbols from the row of letters:

- ◀ moves the cursor one character towards the left
- ▶ moves the cursor one character towards the right
- ↶ moves the cursor to the first position
- ↷ moves the cursor to the last position.

Special symbols from the row of letters when making telephone entries :

- + produces the International access dialling code (e.g. "00")
- Aa** makes the changes between capital letters and small letters
- ☒ produces the so-called "place holder" in the fixed choice list. For "place holder" see page 96.
- █ produces a space character.

Entering numbers

Entering numbers when using the telephone is carried out using the numerical keys .

- ☞ Enter the number by briefly pressing the corresponding numerical keys.
- ✓ The number, which has been keyed-in, is entered in the corresponding line.
- Hereafter this input of characters will simply be called "number entry".

Steering wheel - remote control ✱

Not provided on all vehicles.

For increased driving safety and to improve operating convenience, the following functions of the “Infotainment” system can be controlled from buttons on the steering wheel:

◀/ ▶ Buttons

Cursor buttons

- In a menu the buttons ◀ and ▶ (30, 31) have the same effect as turning the multifunctional button, see page 9.
▶-button is the equivalent to turning the multifunctional button in a clockwise direction, ◀-button is the equivalent to turning the multifunctional button anti-clockwise.
- When the main display is shown, the buttons ◀ and ▶ (30, 31) have the same function as the search buttons 22, see page 17 and page 33. Main display, see page 14.

➔ Button

Select button

- When showing the main display and the function for changing over the CDs in the magazine.
When showing the main display and the tuner for switching between the stored positions.
- In a menu the ➔ 32 button has the same function as pressing the multifunctional button, see page 9.

+ / - Buttons

Volume adjustment

- ☞ + Press 33 button briefly once or several times in order to gradually increase the volume.
- ☞ - Press 34 button briefly once or several times in order to gradually reduce the volume.
- When the button is pressed down longer, the volume carries on changing.




O Button

For switching-over of functions/switching-over of menus,

- ☞ O-and 35 buttons should each be pressed briefly in order to switch between the main display, the Tuner, CD and CD- changer ✱, Navigation, Telephone✱, Onstar or BC ✱.
- ☞ Switching over between Radio, CD, CD-changer ✱, Telephone✱ and Onstar✱ is carried out when the corresponding menu is shown for a while.

Volume

- ☞ To control the volume turn the volume button ①.
- When the equipment is switched on, the volume is adjusted to the last selected volume level, if this is below the basic pre-programmed volume level.
- If the column level was higher than this when it was switched off, it will be set at the basic volume level.
- The volume level of the navigation messages and the traffic announcements and accident warnings or emergency messages is separately adjustable, see page 23.

Navigation active   				
Band U-AS	1 BBC R1			
Autostore	2 BBC R2			
Station list	3 BBC R3			
TP	4 106,7 MHz			
RDS	5 100,5 MHz			
TMC	6 104,7 MHz			
Functions	7 103,3 MHz			
	8 104,4 MHz			
	9 105,2 MHz			
	0 105,6 MHz			
19,5 °C	U2-AS	BBC R2	TP	16:30




Program type	
Regional	<input checked="" type="checkbox"/>
TMC traffic info	
Settings	Return

Set speed dependent volume

The volume is adjusted according to the speed of the vehicle to allow for the environmental and travel noise.





The speed dependent volume can be set between 0 (turned off) and 5 (high volume):





- ☞ Press **TUNER** ar button.
- ✓ The tuner menu is shown on the display.
- ☞ Select the “Functions” menu item.
- ✓ The tuner-functions menu is displayed.

Navigation active   				
Mode retainment	<input checked="" type="checkbox"/>			
Program type				
Speed dep. volume				2
TA volume				15
Regional	<input type="checkbox"/>			
TMC traffic info				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Speed dep. volume		2
TA volume		13
Mode retainment	<input checked="" type="checkbox"/>	Return

- ☞ Select the “Speed dependent volume” menu item.
- ☞ Set and confirm the desired speed dependent volume level by turning the multifunctional button.

Navigation active   		
Range 157.5 Miles		
U1-AS BBC R1 [TP]		
19,5°C		⌚ 16:30

Navigation active   		
Inst. Cons.	2.3 m.p.g.	
19,5°C	U2-AS BBC R2 [TP]	⌚ 16:52

Main display

The main display is a display on the screen which appears once the “Infotainment” system is switched on. It can be called up at any time from another menu display by means of the **MAIN**-button .

The main display is divided into 6 sectors:

Navigation-parameters,

On-board computer information * or date *,

Destination Guide Information (if Guidance is activated),

Outside temperature display,

Audio information,

Time.

Navigation parameters

“Navigation active”: Guidance activated.

“Navigation inactive”: Guidance not activated.

The following symbols show the status of the Navigation parameters, of the radio and of the CD player:



Route is being calculated,



Route type: quickest route,



Route type: using motorways wherever possible,



Route class avoiding motorways,



Audio CD inserted in CD player,



RDS-TMC station set,



Voice Information volume (Guidance) at minimum,



Condition of GPS satellite reception:

If a red signal is shown, satellite reception is not possible; a yellow symbol indicates that reception is adequate and a green symbol indicates good reception.

Navigation, see page 43.

On-board computer information *

Display of on-board computer information which was selected in the “On-board computer” menu, see page 35.

Audio Information

Display of the following information:

- Current transmitter memory position in respect to the CD,
- Current transmitter’s name or transmission frequency or CD and CD title-No.,
- If a traffic transmission station is installed, then **TP** is displayed. If traffic announcement is switched on then **[TP]** is displayed. Traffic transmission station and traffic announcement, see page 22.

Outside temperature

Indication of the current outside temperature.

Drops in temperature are indicated immediately, rises with a delay.


Destination Guidance information

A directional arrow in the display shows the next recommended change of travel direction (straight on, turn left, turn right, or turn round).

- When the Destination Guidance is inactive, a satellite symbol is displayed.
- A clear Destination Guidance is shown in the main Navigation menu, see page 48.

Time

Indication of the time.

When receiving GPS satellite signals, the time is synchronised with the time as transmitted via the GPS Navigation satellite. In this case,  is shown before the time.

Navigation active							
Treble	-	□□□□□□□□□□□□□□□□	+				
Bass	-	□□□□□□□□□□□□□□□□	+				
Balance	L	□□□□□□□□□□□□□□□□	R				
Fader	F	□□□□□□□□□□□□□□□□	R				
19,5 °C	U2-AS	BBC R2	TP	16:30			

Treble	-	□□□□□□□□□□□□□□□□	+				
Bass	-	□□□□□□□□□□□□□□□□	+				
Balance	L	□□□□□□□□□□□□□□□□	R				
Fader	F	□□□□□□□□□□□□□□□□	R				

Tone settings

By pressing the -key ② the Menu Audio Settings is called up.

The Display will show “Slide-Adjustments” to adjust the settings for the following menu items:

- “Treble”: increase or decrease
- “Bass”: increase or decrease
- “Balance”: sound distribution left - right
- “Fader”: sound distribution front - rear.

The “Treble” and “Bass” settings apply to the sound-source which has been selected at the time and are stored separately for the radio and the CD player.

Treble

- Press button ②.
- ✓ The Audio settings menu appears in the display.
- Select “Treble”.
- Adjust to the desired level and confirm the setting.

Bass

- Press button ②.
- ✓ The Audio settings menu appears in the display.
- Select “Bass”.
- Adjust to the desired level and confirm the setting.

Balance

- Press button ②.
- ✓ The Audio settings menu appears in the display.
- Select “Balance”.
- Adjust to the desired level and confirm.

Fader

- Press button ②.
- ✓ The Audio settings menu appears in the display.
- Select “Fader”.
- Adjust to the desired level and confirm.

Navigation active						TMC		GPS
Band U-AS				1	BBC R1			
Autostore				2	BBC R2			
Station list				3	BBC R3			
TP	<input type="checkbox"/>			4	BBC R4			
RDS	<input checked="" type="checkbox"/>			5	CLASSIC			
TMC	<input type="checkbox"/>			6	BBC 3CR			
Functions				7	N.DIRECT			
				8	CHILTERN			
				9	HEART FM			
				0	CAPITAL			
19,5 °C	U2-AS	BBC R2		TP				16:30

Band U-AS	TP	<input type="checkbox"/>	Functions
Autostore	RDS	<input checked="" type="checkbox"/>	
Station list	TMC	<input type="checkbox"/>	
19,5 °C	U2-AS	BBC R2	[TP] 16:35

Radio

Radio playback

While a CD or the CD changer is operating:

Press the **TUNER** button .

- ✓ The station which was last selected will reappear.

Select wave band

(for radio playback)

Press the **TUNER** button .

- ✓ The Tuner menu will appear in the display.

Select "Band".

- The current wave band will be displayed after the word "Band".

Press the multi-function button in order to change from one wave band to another. The sequence is as follows:

- U = FM
- U_{AS} = FM, AS-memory
- M = Medium wave (MW)
- M_{AS} = MW, AS-memory.
- ▶ AS (Autostore), see page 28.

Select the station required and make the setting

There are various ways of selecting the required station:

- "Station Search", see next page
- "Manual selection", see next page
- "List of stations", see next page
- RDS program "search", see page 19
- Station search by program type, see page 20
- Traffic information search, see page 22
- Automatic save (Autostore), see page 28.

Station search

- ☞ Press “search” button ◀ or ▶ briefly.
- ✓ The radio remains silent until a station is located.
- If RDS or Traffic Information (TP) is switched on during a “search” operation, only RDS or traffic information stations are sought.
RDS see page 95; Traffic Information (TP) see page 99.

If no station is located, the unit automatically switches to a more sensitive “Search” level.

RDS program search, see page 19.

Traffic Information search, see page 22.

Manual selection

This method is used to select a station where the transmission frequency is known.

- ☞ Press button ◀ or ▶ and hold down for more than 2 seconds.
- ✓ The lower line in the display shows “MAN” before the station frequency.

Provisional setting

- ☞ Hold button ◀ or ▶ down until the frequency of the station required is almost reached.

Final adjustment

- ☞ Press button ◀ or ▶ briefly and repeat until the precise station frequency appears in the display.

Navigation active							GPS
Station					(1/3)		
Return					▲		
Update					■		
BBC R3					▼		
BBC R4							
Classic							
BBC 3CR							
19,5 °C	U2-AS	BBC R2	TP	16:30			

		Return		▲	
Stations		Update		■	
		BBC R3		▼	
(4/12)		BBC R4			

List of stations

- ☞ Select U or U_{AS} from the menu “Tuner Wave Band”.
- ☞ Select “Station list” from the menu.
- ✓ The list of stations will be displayed.
- ☞ To up-date the list of stations, select “Update”.
- ✓ The stations which can be received at the present time are listed.
- The station required can be selected from the list of stations.
- If the vehicle moves outside the reception area of one of the stations shown in the list of stations (even for a brief period), no playback will be obtained when that station is selected. In this case, up-date the list of stations.



Radio **D**ata **S**ystem

RDS (Radio Data System)




RDS is a Europe-wide service which is provided by radio stations to make it much easier to find the FM program required, while eliminating interference.

RDS transmitters can be recognized by the fact that, when RDS is switched on, the display shows the name of the program and not the transmission frequency.

RDS stations issue information which an RDS radio will evaluate automatically or when the RDS is switched on:



- ❑ **PS:** Program name is displayed
- ❑ **AF:** An RDS program is transmitted over several frequencies simultaneously. As the journey progresses, the radio automatically seeks the frequency which can be received most clearly. This may cause short breaks in reception

- ❑ **PTY:** Many RDS transmitters issue a PTY code, which identifies the type of program which is transmitted (e.g., news). The PTY code enables the transmitter station to be selected by type of program
- ❑ **Regional programs:** Some RDS transmitters issue different regional programs at set times, on different frequencies. The regional program can be listened to even when the vehicle passes through the area where the next regional program is being transmitted
- ❑ **TP (Traffic Program = Traffic Program):** Traffic program stations are FM RDS transmitters which issue traffic information
- ❑ **TMC (Traffic Message Channel = Traffic Information):** Some RDS stations enable current traffic information to be provided via TMC, with automatic display
- ❑ **RDS Time signal:** The clock in the vehicle can be synchronized with the time transmitted via RDS; see page 42 and the vehicle instruction booklet
- ❑ **EON (Enhanced Other Networks):** EON enables other traffic reports to be received if the radio station which has been selected does not transmit its own traffic information. If there is a traffic report, the radio switches over to a traffic information station which is linked to EON.


Navigation active				TMC		GPS
Band U-AS						1 BBC R1
Autostore						2 BBC R2
Station list						3 BBC R3
TP						4 BBC R4
						5 CLASSIC
RDS						6 BBC 3CR
						7 N.DIRECT
TMC						8 CHILTERN
Functions						9 HEART FM
						0 CAPITAL
19,5 °C	U2-AS	BBC R2		[TP]		16:30

Band U-AS	TP					Functions
Autostore						RDS
Station list						TMC
19,5 °C	U2-AS	BBC R2		[TP]		16:35

Switch on RDS


-  Select the option “FM” or “M” in the Tuner menu.
-  Select “RDS” in the Tuner menu.
- ✓ The field after “RDS” is marked with a tick.
- ✓ The lower line in the display shows the name of the station which has been selected.
- If this station is not an RDS transmitter, the unit automatically seeks the nearest RDS transmitter which it can receive.

Switch off RDS

-  Select “RDS” in the Tuner menu.
- ✓ The field after “RDS” is empty.
- ✓ The lower line in the display shows the program frequency instead of the name of the program.



RDS Program Search




(RDS must be switched on)

-  Press search button ◀ or ▶ briefly.
- ✓ The radio seeks RDS transmitters only.
- If the traffic information facility (TP) is switched on, the radio will seek only traffic information transmitters. Traffic Information (TP) see page 21.

Display the frequency of an RDS transmitter

In order to display the frequency of the RDS transmitter currently in operation:


-  Switch off “RDS” in the Tuner menu.
- ✓ The frequency of the selected station is displayed.
-  Switch on “RDS” again in the Tuner menu.
- ✓ The display shows the name of the program again.

Navigation active   				
Band U-AS	1 BBC R1			
Autostore	2 BBC R2			
Station list	3 BBC R3			
TP	<input type="checkbox"/>			
RDS	<input checked="" type="checkbox"/>			
TMC	<input type="checkbox"/>			
Functions	4 106,7 MHz			
	5 100,5 MHz			
	6 104,7 MHz			
	7 103,3 MHz			
	8 104,4 MHz			
	9 105,2 MHz			
	0 105,6 MHz			
19,5 °C	U2-AS	BBC R2	TP	16:30

Band U-AS	TP	<input type="checkbox"/>	Functions
Autostore	RDS	<input checked="" type="checkbox"/>	
Station list	TMC	<input type="checkbox"/>	
19,5 °C	U2-AS	BBC R2	TP 16:35




Seek station by type of program

Many RDS stations issue a PTY code which identifies the type of program which is being transmitted (e.g., news). The PTY code enables stations to be selected by type of program.

 Select the option “FM” or “M” in the Tuner menu.

 Select “Functions”.




✓ The Tuner Functions menu is displayed.

Navigation active   				
Mode retainment	<input type="checkbox"/>			
Program type	<input type="text"/>			
Speed dep. volume	2			
TA volume	15			
Regional	<input type="checkbox"/>			
TMC traffic info				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Program type	<input type="text"/>
Regional	<input checked="" type="checkbox"/>
TMC traffic info	
Settings	Return

 Select “Program type”.

✓ The types of program available are displayed as a list.

Navigation active   				
Stations	(10/28)			
Return	<input type="text"/>			
>Entertainment	<input type="text"/>			
Pop music	<input type="text"/>			
Rock music	<input type="text"/>			
Light music	<input type="text"/>			
Light classical music	<input type="text"/>			
19,5 °C	U2-AS	BBC R2	TP	16:30

Program type	<input type="text"/>
Regional	<input checked="" type="checkbox"/>
TMC traffic info	
Settings	Return

 Select the desired type of program from the list.

✓ The unit will seek the nearest station which can be received, of the program-type which has been selected.

● If no appropriate station can be found, the station which was previously in action will be re-instated.

Regional Programs

Some RDS stations at set times transmit programs which vary from region to region on different frequencies.

Selecting a Regional Program

(RDS must be switched on)

- ☞ Select “Functions” in the Tuner menu.
- ✓ The Tuner Functions menu is displayed.
- ☞ Select “Regional”.
- ✓ The field after “Regional” is marked with a tick.
- The radio remains searching for the strongest transmission signal on the regional programme set.

Switching off “Regional”

- ☞ Select “Regional” in the Tuner Functions menu.
- ✓ The field after “Regional” is empty.
- The radio will change to a different regional program as necessary.


Traffic program (TP = Traffic Program)

Traffic program transmitters are FM RDS stations which transmit traffic news.




Traffic program transmitters are identified by the “TP” symbol in the lower line of the display.

Switch on Traffic Reports

(Band U or U_{AS} must be selected)

- If traffic announcement is already switched on, “[TP]” or “[]” are shown in the lower line of the display.
- ☞ Press the **TP** button .
- ✓ If the station which is running is a traffic program transmitter, “[TP]” is shown in the lower line of the display.
- ✓ If the station which is running is not a traffic program transmitter, the unit automatically seeks the traffic program transmitter which gives the strongest reception,

or:

Navigation active				
Band U-AS				1 BBC R1
Autostore				2 BBC R2
Station list				3 BBC R3
TP	<input checked="" type="checkbox"/>			4 BBC R4
RDS	<input checked="" type="checkbox"/>			5 CLASSIC
TMC	<input type="checkbox"/>			6 BBC 3CR
Functions				7 N.DIRECT
				8 CHILTERN
				9 HEART FM
				0 CAPITAL
19,5 °C	U2-AS	BBC R2	[TP]	16:30

Band U-AS	<input checked="" type="checkbox"/>	TP	Functions
Autostore	<input type="checkbox"/>	RDS	
Station list	<input type="checkbox"/>	TMC	
19,5 °C	U2-AS	BBC 2	[TP] 16:35

- ☞ Select “TP”.
- ✓ The field after TP is marked with a tick.
- ✓ “[TP]” appears in the lower line of the display.
- During “Search”, the unit will seek only traffic program transmitters.
- While the unit is searching or if no traffic program is available “[]” is shown in the lower line of the display.

- If the traffic information facility is switched on, playback from the CD or the CD changer will be interrupted when traffic information is transmitted. Traffic information is transmitted at the volume level which has been pre-selected for this facility.
- The display shows “Traffic Report” while a traffic report is being received.

Switching off Traffic Report

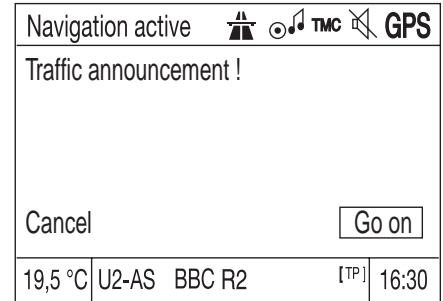
- ☞ Press the TP button **18**.
 - ✓ “[]” no longer appears in the lower line of the display,
- or:
- ☞ Select “TP” in the Tuner menu.
 - ✓ The field after “TP” is empty.
 - ✓ “[]” no longer appears in the lower line of the display.

Traffic Program Search

- ☞ Switch on Traffic Report.
- ☞ Press “Search” button ◀ or ▶.
- ✓ The radio will seek traffic program transmitters only.

Listening to traffic reports only

- ☞ Switch on Traffic Report.
- ☞ Turn down the volume completely.
- Traffic reports will be received at the volume level previously selected for traffic reports.



Fading out traffic reports

To fade out a traffic report, for example, while the CD is playing:

- ☞ Select “Cancel” from the menu,




or:

- ☞ Press the TP button **18** once,

or:




- ☞ Select Radio, CD or CD-Changer.





- ✓ The traffic report is broken off.
- The traffic report facility remains activated.
- If menu option “Go on” is selected while a traffic report is on. The display reverts to the previous setting and the traffic report is not faded out.





Navigation active   			
Mode retainment	<input checked="" type="checkbox"/>		
Program type			
Speed dep. volum	2		
TA volume	15		
Regional	<input type="checkbox"/>		
TMC traffic info			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Speed dep. volume	2		
TA volume	15		
Mode retainment	<input checked="" type="checkbox"/>	Return	

Setting the Volume of Traffic Reports

-  Select "Functions" in the Tuner menu.
- The Tuner Functions menu is displayed.
-  Select "TA Volume".
-  Set the desired volume for traffic reports by turning the multi-function knob and confirm the setting.

Navigation active   		
Range 157.5 Miles		
[TP]		
U1-AS BBC R1		
19,5 °C		⌚ 16:30




Navigation active   		
Inst. Cons.	2.3 m.p.g.	
19,5 °C	U2-AS BBC R2	TP 16:52

TMC-Traffic Information (TMC = Traffic Message Channel)

Some RDS transmitters provide the facility for transmitting current traffic information via TMC and displaying this automatically.


TMC transmissions are identified by the TMC symbol in the upper line in the main display.

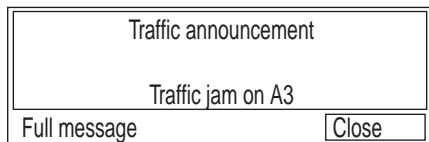
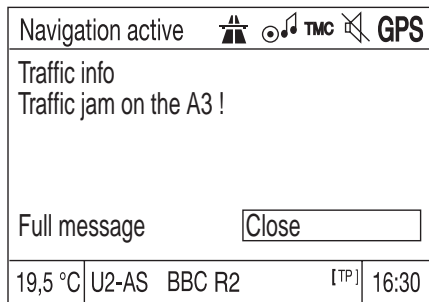
- It may take a little time for this symbol to appear, after the station has been selected.

Navigation active   	
Band U-AS	1 BBC R1
Autostore	2 BBC R2
Station list	3 BBC R3
TP	4 BBC R4
<input type="checkbox"/>	5 CLASSIC
RDS	6 BBC 3CR
<input checked="" type="checkbox"/>	7 N.DIRECT
TMC	8 CHILTERN
<input checked="" type="checkbox"/>	9 HEART FM
Functions	0 CAPITAL
19,5 °C	U2-AS BBC R2 [TP] 16:30

Band U-AS TP	<input type="checkbox"/>	Functions
Autostore RDS	<input checked="" type="checkbox"/>	
Station list TMC	<input checked="" type="checkbox"/>	
19,5 °C	U2-AS BBC R2	TP 16:35

Traffic information via the selected TMC-station

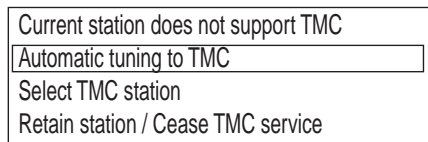
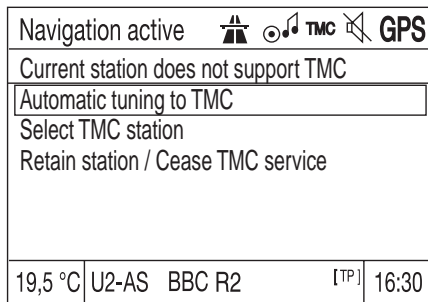
-  Select "TMC" in the Tuner menu.
- The field after the menu option "TMC" is marked with a tick.



- Transmitted traffic information may be shown on the display (in accordance with the selected types of information and other criteria; see the following pages).

Traffic information via the selected Non-TMC-station

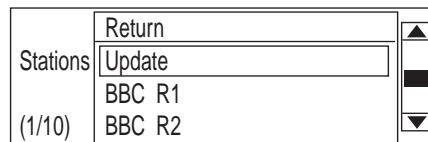
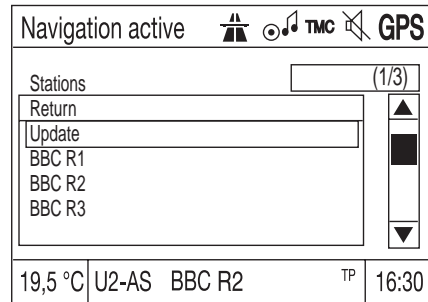
- ☞ Select "TMC" in the Tuner menu.
- ✓ The menu giving the choice of TMC transmitters is displayed after a short time.



- ☞ Select the menu option "Automatic tuning to TMC".
- ✓ The tuner changes automatically to an TMC transmitter.
- Transmitted traffic information may be shown on the display (in accordance with the selected types of information and other criteria; see the following pages),

or:

- ☞ Select the option "Select TMC station" in the TMC station selection.
- ✓ A list is displayed of all TMC transmitters which can be received.






- ☞ Select the desired transmitter.
- Transmitted traffic information may be shown on the display (in accordance with the selected types of information and other criteria; see the following pages).
- If it is not possible to locate a TMC transmitter, the station previously selected is re-instated.

Activating / de-activating the automatic display of traffic information

In order to display transmitted traffic information immediately:

- ☞ Select "Functions" in the Tuner menu.
- ✓ The Tuner Functions menu is displayed.
- ☞ Select the menu option "TMC Traffic Info".
- ✓ The traffic information menu is displayed.

Navigation active   TMC  GPS				
TMC messages				
Popup info				<input checked="" type="checkbox"/>
Info type				
Sorting criteria				
Filtering				
Return				
19,5 °C	U2-AS	BBC R2	[TP]	16:30




TMC messages	Filtering
Popup info <input checked="" type="checkbox"/>	Return
Info type	
Sorting criteria	

- ☞ Select the option "Popup Info".
- ✓ The field after the menu option "Popup Info" is marked with a tick.

Selecting the type of traffic information

The type of traffic information to be displayed and stored can be selected:

- ☞ Select the option "Info Type" in the Traffic Info menu.
- ✓ The Info Type menu will be displayed.

Navigation active   TMC  GPS				
Traffic jam <input checked="" type="checkbox"/>				
Current weather <input type="checkbox"/>				
Forecasts <input checked="" type="checkbox"/>				
Special events <input type="checkbox"/>				
Delays <input checked="" type="checkbox"/>				
Warnings <input checked="" type="checkbox"/>				
Recommendations <input checked="" type="checkbox"/>				Return
19,5 °C	U2-AS	BBC R2	[TP]	16:30




Traffic jam <input checked="" type="checkbox"/>	Delays <input type="checkbox"/>
Current weather <input type="checkbox"/>	Warnings <input checked="" type="checkbox"/>
Forecasts <input type="checkbox"/>	Recommendations <input type="checkbox"/>
Special events <input type="checkbox"/>	Return

- ☞ Select the menu options which you would like to have displayed.
- ✓ The types of information which have been activated are identified by a tick in the fields after the menu options in question.

Selecting criteria for the traffic information to be stored

The criteria for the traffic information to be displayed and stored can be selected:

- ☞ Select the option "Filtering" in the Traffic Info menu.
- ✓ The Info Filtering menu is displayed.

Navigation active				GPS
All messages	<input checked="" type="checkbox"/>			
For hwy. only	<input type="checkbox"/>			
Last 5 minutes	<input type="checkbox"/>			
The 5 newest	<input type="checkbox"/>			
Return				
19,5 °C	U2-AS	BBC R2	[TP]	16:30

		The 5 newest	<input type="checkbox"/>
All messages	<input checked="" type="checkbox"/>	Return	
For hwy. only	<input checked="" type="checkbox"/>		
Last 5 minutes	<input type="checkbox"/>		


 Select the desired menu options.

- ✓ The activated criterion is identified by a tick in the field after the menu option in question.




Viewing traffic information

All current traffic information is stored in a list (by selected type of information and filtering).


If TMS is activated (the field after the option "TMC" is marked with a tick):

 Select the option "Functions" in the Tuner menu.


- ✓ The Tuner Functions menu is displayed.

Navigation active				GPS
Mode retainment	<input checked="" type="checkbox"/>			
Program type				
Speed dep. volume	3			
TA volume	20			
Regional	<input checked="" type="checkbox"/>			
TMC traffic info	<input type="checkbox"/>			
Return				
19,5 °C	U2-AS	BBC R2	[TP]	16:30

Program type				
Regional	<input checked="" type="checkbox"/>			
TMC traffic info	<input type="checkbox"/>			
Settings				Return

 Select the menu option "TMC Traffic Info".

- ✓ The TMC Info menu will be displayed.

 Select "Messages".

- ✓ A short-form list is displayed of all the traffic information received to-date.

Navigation active TMC GPS

TMC (3/9)

Return

M25 Traffic jam

A3 complete blocked

B160 Danger of icy roads

Fog in Dorking

B416 lost load

19,5 °C U2-AS BBC R2 TP 16:30

TMC

Return

M25 Traffic jam

A3 Block route

B160 Ice on road

(2/5)

- Select the desired entry from the list.
- ✓ Fully-detailed information on the selected entry is displayed.

Navigation active TMC GPS

Time of creation

Street names

Return

19,5 °C U2-AS BBC R2 TP 16:30

Time of creation

Street names

Return

It is possible to select the sequence in which the information is displayed:

- Select the option "Sorting criteria" in the TMC Info menu.
- ✓ The Sort Criteria menu will be displayed.
- Select the desired option.
- ✓ The function which has been activated is identified by a tick in the field after the option in question.
- Only one menu option can be selected.

Presetting a station

A number of separate stations can be stored, or preset for each wave band.

Preset stations:

- 10 x U (FM)
- 10 x U_{AS} (Automatically stored FM stations)
- 10 x M (MW)
- 10 x M_{AS} (Automatically stored MW stations).
- The storage or preset locations are selected for each wave band using the numbered buttons.

Manual Presetting

- ☞ Select the desired wave band and tune to the desired station.
- ☞ Hold down the numbered button **7**, where the station you have selected is to be stored.
- ✓ The radio will mute for a moment and display the station which was previously stored on this button.
- ✓ The station which has been selected will appear in the display and the station will become audible again.
- “RDS on” or “RDS off” will be saved with the station when it is preset.

Navigation active				
Band U-AS	TP	<input type="checkbox"/>	Functions	
Autostore	RDS	<input checked="" type="checkbox"/>		
Station list	TMC	<input type="checkbox"/>		
19,5 °C	U2-AS	BBC R2	TP	16:30

Band U-AS	TP	<input type="checkbox"/>	Functions
Autostore	RDS	<input checked="" type="checkbox"/>	
Station list	TMC	<input type="checkbox"/>	
19,5 °C	U2-AS	BBC R2	[TP] 16:35

Storing (presetting) a station automatically (Autostore)

In the FM and MW wave bands it is possible to store or preset automatically any of the stations which can be received. These stations are stored in a separate AS memory.

- ☞ Select the option “FM” or “M” in the Tuner menu.
- ☞ Switch on TP for traffic reports if required.

☞ Select “Autostore”.

✓ The radio will switch automatically to the AS memory for the wave band which you have selected (U_{AS} or M_{AS}).

✓ Automatic station saving starts,

or:

☞ Press **AS**-button **12** shortly, the automatic station saving starts in the actual wave band with the actual presettings.

✓ The 10 stations which can be received most effectively are stored for wave bands U_{AS} and M_{AS}.

● Once the stations have been stored, the station you require can be selected, using the numbered buttons **7**, see illustration.

If the vehicle moves out of the area where the station which has been stored can be received, store new stations:

☞ Hold down the **AS** button **12** until automatic station saving starts,

or:

☞ Select “Autostore” in the Tuner menu.

- RDS is switched on automatically during automatic station saving. All RDS stations which can be received will be stored first.
- If Traffic Report is switched on before or during automatic station saving, the unit will call a station with a traffic program service once the search has been completed.
- If Traffic Report is switched on during automatic station saving, the search function continues to remain active until at least one station with a traffic program service has been found.

Calling up a stored station

☞ Select the wave band required.

☞ Select the desired storage location using the numbered button **7** (Storage buttons 0 to 9),

or:

☞ Press the **TUNER** button **20**.

✓ The Tuner menu will appear in the display.

☞ Select the desired storage location, using the cursor in the storage list on the right-hand side of the display,

or:

To call up a station which has been saved automatically with AS:

☞ Press the **AS** button **12** once briefly.

✓ If you are using the FM wave band, the unit will switch to U_{AS}. If you are using the medium wave band, the unit will switch to M_{AS}. The wave band which has been selected will be displayed in the bottom line.

☞ Select the AS storage point you require, using the numbered buttons **7** (Storage locations 0 to 9).

CD Player

- The CD player does not support the playback of rewritable (CD-RW) discs.
- When using self-recorded audio discs (CD-R) playback errors may occur, depending on the quality and surface of the CD-R used.

Audio-CD Playback

While the radio or navigation system is in operation:

- ☞ Slide the Audio-CD (with the printed side upwards) into the CD slot **3**; the CD will be drawn in automatically.
- ✓ The CD will begin to play.
- The volume is muted while the CD is being drawn into the slot,




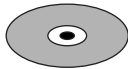
or:

If there is a CD already in the CD slot:

- ☞ Press the **CD** button **18**.
- ✓ The CD menu will appear in the display.
- ✓ The CD will begin to play.
- The bottom line of the display will show the number of the current track on the CD.

If there is a Navigation CD in the CD slot, this must be removed.

- ⚠ A Navigation CD cannot be removed until the route calculation has been completed.

Navigation active				
CD	Track	1	00:02	
Random CD	<input type="checkbox"/>			
19,5°C	CD	Track 1	TP	16:30

CD	Track	2	04:16	
	Random CD	<input type="checkbox"/>		
19,5°C	CD Track 2	[TP]	08:54	

Selecting a track

While the CD is playing:

- ☞ Press the **CD** button **18**.
- ✓ The CD menu is shown in the display.
- ☞ Select "Track".
- ☞ Select the track required by turning the multi-function knob.
- The bottom line of the display will show the number of the current track on the CD.

Selecting the preceding track, or the following track

- ☞ Press the search buttons ◀ or ▶ (22) briefly until the number of the track required appears in the bottom line of the display.

Fast-Forward / Fast-Reverse Search

To seek an item on a CD:

- ☞ Hold down the search buttons ◀ or ▶ (22) longer than 1 second, until you reach the item required.

- The playback will continue but at a higher speed and reduced volume.

Random Playback (Random)

In this operational mode tracks are played in random order.

- ☞ Press the **CD** button (18).

- ✓ The CD menu will appear in the display.

Navigation active							
CD		Track 6		00:32			
Random CD		<input checked="" type="checkbox"/>					
19,5°C	CD	Track 6	TP	16:30			

CD		Track 2		04:16	
Random CD		<input checked="" type="checkbox"/>			
19,5°C	CD	Track 2	[TP]	08:54	

- ☞ Select "Random CD".

- ✓ The field after "Random CD" is marked with a tick.
- The bottom line in the display will show the number of the current track on the CD.

Remove the CD

- ☞ Press the ▲ button (8).

- ✓ The CD is ejected.

- ⚠ A Navigation CD cannot be removed until the route calculation has been completed.

CD Changer ✱

At certain vehicle levels, the “Infotainment” system is equipped with a CD changer. This may be integrated in the CD player itself, or installed in the glove-box or under the front passenger seat, depending on the type of unit involved.

- The CD changer does not support the playback of rewritable (CD-RW) discs.
- When using self-recorded audio discs (CD-R) playback errors may occur, depending on the quality and surface of the CD-R used.

Installing Audio CDs

- ☞ First press the button **28** on the CD changer.
- ✓ The cover-flap **28** will open and the CD magazine will slide out.
- ☞ Remove the CD magazine.
- ☞ To remove the CDs already in the magazine, pull the white lever on the magazine and then remove the CD.
- ☞ Slide an Audio CD (with the printed side upwards) into an empty slot in the magazine until it latches home.
- ☞ Place the CD magazine into the opening **29** of the CD changer, following the direction indicated by the arrow (see printed data on the magazine) and push gently until it latches home.
- ☞ Close the cover flap **29**.
- ✓ If the unit is switched on, the display will show “Check CD”.
- ✓ The top line of the display will indicate the CDs which are available.
- Additional CD magazines can be obtained from any authorized Vauxhall dealer.

Navigation active							TMC	
CD 1	CD 2	CD 3	CD 4					
Track	6		00:32					
Random CD	<input checked="" type="checkbox"/>							
Random Mag.	<input type="checkbox"/>							
19,5°C	CD2	Track 6	TP	16:30				

CD 1	CD 2	CD 3	CD 4					
Track	2	Random CD	<input type="checkbox"/>					
04:16		Random Mag	<input type="checkbox"/>					
19,5°C	CD 2	Track 2	[TP]	08:54				

CD Playback

While the radio or navigation system is in operation:

- ☞ Press the CDC button **19**.
- ✓ Playback will begin with the last CD which was played, unless the magazine has been changed in the meantime.
- The bottom line of the display will show the current CD number and the number of the current track.

Navigation active						TMC	
CD 1	CD 2	CD 3	CD 4				
Track	6		00:32				
Random CD	<input type="checkbox"/>						
Random Mag.	<input type="checkbox"/>						
19,5°C	CD2	Track 6	TP	16:30			

CD 1	CD 2	CD 3	CD 4				
Track	2	Random CD	<input type="checkbox"/>				
04:16		Random Mag	<input type="checkbox"/>				
19,5°C	CD 2	Track 2	[TP]	08:54			

Selecting a CD

While the CD changer is operating:

- Select the CD required, using numbered buttons **7** (1 to 4 only),

or:

- Press the **CDC** button **19**.

- ✓ The CD changer menu will appear in the display.

- Select the CD you require.

Selecting a Track

While the CD player is operating:

- Press the **CDC** button **19**.
- ✓ The CD changer menu will be shown in the display.
- Select the CD you require.
- Select menu option “Track”.
- Select the track you require by turning the multi-function knob.
- The current CD is shown in the bottom line of the display, before the actual track number.

Selecting the next track or the previous track

- Press the search buttons **◀** or **▶** (**22**) briefly and repeat until the number of the track required appears in the Status display.

Fast-Forward / Fast-Reverse Search

To seek an item on a CD:

- Hold down the search buttons **◀** or **▶** (**22**), until you reach the item required.
- ✓ The playback will continue but at a higher speed and reduced volume.

Random Playback (Random)

In this operating mode, tracks are played in random sequence.

Selecting a track on a CD

- Press the **CDC** button **19**.
- ✓ The CD Changer menu will appear in the display.

Navigation active							TMC	
CD 1	CD 2	CD 3	CD 4					
Track	6	00:32						
Random CD	<input checked="" type="checkbox"/>							
Random Mag.	<input type="checkbox"/>							
19,5°C	CD2	Track 6	TP	16:30				

CD 1	CD 2	CD 3	CD 4				
Track	2	Random CD	<input checked="" type="checkbox"/>				
04:16	Random Mag		<input type="checkbox"/>				
19,5°C	CD 2	Track 2	[TP]	08:54			

Select "Random CD".

- ✓ The field after "Random CD" is marked with a cross.
- The number of the current track is displayed in the bottom line, after the number of the current CD.

Selecting tracks from all CDs in the magazine

Press the **CDC** button .

- ✓ The CD Changer menu is shown in the display.

Select menu option "Random Mag".

- ✓ The field after "Random Mag" is marked with a tick.

- The number of the current track is displayed in the bottom line, after the number of the current CD.

Removing the CD Magazine

Press the button .

- ✓ The CD magazine slides out.
- The magazine slide-ejector operates, even if the radio is switched off.

To remove CDs from the magazine

Pull the white lever on the magazine.




Remove CDs.



On-Board Computer ❁

The on-board computer provides information on travel data, which it continuously acquires and evaluates electronically.




The following information is displayed in the On-Board Computer menu:




- Range,
- Total fuel consumption,
- Average fuel consumption,
- Current fuel consumption,
- Average speed,
- Distance travelled.
- In addition, a selected range of on-board computer information is displayed in the main display.



Navigation active    GPS				
Range	186	Miles		
Trip Cons.	1.2	Galls		
Consump.	31.3	m.p.g.		
▶ Inst. Cons.	23.5	m.p.g.		
Speed	38.7	m.p.h.		
Trip Dist.	6.7	Miles		
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30

Consump.	31.3	m.p.g.	
▶ Inst. Cons.	23.5	m.p.g.	
Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	

Display all travel data


-  Press the **BC** button .
- ✓ The on-board computer menu appears in the display.
- ✓ All travel data are shown in the form of a list.
- The on-board computer information displayed at the moment in the main display is identified with a ▶.
- Some information appears in an abbreviated form.
- For vehicles without On-Board Computer, the BC-settings menu is displayed when the **BC** button  is pressed, see page 39.

Navigation active    GPS				
Range	186	Miles		
Trip Cons.	1.2	Galls		
Consump.	31.3	m.p.g.		
Inst. Cons.	23.5	m.p.g.		
▶ Speed	38.7	m.p.h.		
Trip Dist.	6.7	Miles		
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30

Inst. Cons.	23.5	m.p.g.	
▶ Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			

Select On-Board Computer Information

The on-board computer information, which you wish to display in the main display, can be selected in the on-board computer menu.

-  Select the on-board information you require from the on-board computer menu.
- ✓ The item you select is identified by a ▶ in front of the menu option.
- When you return to the main display, the on-board computer information which has been selected will appear in the main display.

Navigation active						
▶ Range	186	Miles				
Trip Cons.	1.2	Galls				
Consump.	31.3	m.p.g.				
Inst. Cons.	23.5	m.p.g.				
Speed	38.7	m.p.h.				
Trip Dist.	6.7	Miles				
Settings						
19,5 °C	U2-AS	BBC R2	TP	16:30		

▶ Range	186	Miles	
Trip Cons.	1.2	Galls	
Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	


Range over 50 km

The range is calculated from the fuel remaining in the tank and the average consumption over the last 20 to 30 km.

Once the fuel tank has been refilled, the range will be up-dated automatically after a short period. It can also be up-dated manually, see page 38.

Attention !!!

30 Miles
Range



OK


Attention !!!

Range 30 Miles

OK

Range of less than 50 km

If the fuel in the tank is insufficient to drive a further 50 km, the announcement “Range” appears in the display.

-  Select menu option “OK”.
- ✓ The display will return to the previous information.

Navigation active						
Range	186	Miles				
▶ Trip Cons.	1.2	Galls				
Consump.	31.3	m.p.g.				
Inst. Cons.	23.5	m.p.g.				
Speed	38.7	m.p.h.				
Trip Dist.	6.7	Miles				
Settings						
19,5 °C	U2-AS	BBC R2	TP	16:30		

Range	186	Miles	
▶ Trip Cons.	1.2	Galls	
Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	

Total fuel consumption

This displays the total amount of fuel used since the measurement began. A new measurement can be started at any time, see page 38.

Navigation active			
Range	186	Miles	
Trip Cons.	1.2	Galls	
► Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	
Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	TP 16:30

► Consump.	31.3	m.p.g.	▲
Inst. Cons.	23.5	m.p.g.	■
Speed	38.7	m.p.h.	▼
Trip Dist.	6.7	Miles	

Average fuel consumption

This displays the average fuel consumption since the measurement began. A new measurement can be started at any time, see page 38.

Navigation active			
Range	186	Miles	
Trip Cons.	1.7	Galls	
Consump.	31.3	m.p.g.	
► Inst. Cons.	23.5	m.p.g.	
Speed	38	m.p.h.	
Trip Dist.	94	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	[TP] 16:30

Consump.	31.3	m.p.g.	▲
► Inst. Cons.	23.5	m.p.g.	■
Speed	38	m.p.h.	▼
Trip Dist.	94	Miles	

Current fuel consumption

The current fuel consumption displayed is adjusted in accordance with the speed of the vehicle.

Under 13 km/h, the display is in litres/hr.

Over 13 km/h, the display is in litres per 100 km.

The display reads 0,0 l/100 km where the vehicle is coasting.

Navigation active			
Range	186	Miles	
Trip Cons.	1.2	Galls	
Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	
► Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	TP 16:30

Inst. Cons.	23.5	m.p.g.	▲
► Speed	38.7	m.p.h.	■
Trip Dist.	6.7	Miles	▼
Settings			

Average speed

This displays the average speed since the measurement began. A new measurement can be started at any time, see page 38.

Breaks in a journey are not taken into account in calculating the average speed, provided the vehicle ignition is switched off.

Navigation active			
Range	186	Miles	
Trip Cons.	1.2	Galls	
▶ Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	
Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	TP 16:30

▶ Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	
Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	

Distance travelled

This displays the number of kilometres travelled since the measurement began. A new measurement can be started at any time, see page 38.

Navigation active			
Range	186	Miles	
Trip Cons.	1.7	Galls	
Consump.	31.3	m.p.g.	
▶ Inst. Cons.	23.5	m.p.g.	
Speed	38	m.p.h.	
Trip Dist.	94	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	[TP] 16:30

Consump.	31.3	m.p.g.	
▶ Inst. Cons.	23.5	m.p.g.	
Speed	38	m.p.h.	
Trip Dist.	94	Miles	

Reset on-board computer information

The following on-board computer information can be reset (i.e., start a new measurement):

- Range (the vehicle must be stopped for this facility to be reset),
- Total fuel consumption,
- Average fuel consumption,
- Average speed,
- Range.

Select the required menu option in the on-board computer menu.

Select menu option "Settings".

- ✓ The "Settings" menu is displayed.

Navigation active			
Range	186	Miles	
Trip Cons.	1.2	Galls	
Consump.	31.3	m.p.g.	
Inst. Cons.	23.5	m.p.g.	
▶ Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			
19,5 °C	U2-AS	BBC R2	TP 16:30

Inst. Cons.	23.5	m.p.g.	
▶ Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			

Select menu option "BC Reset current".

- ✓ The figure for the function which has been selected is reset and re-calculated.
- The figure for the range can be reset only if the vehicle is at a standstill.
- After re-setting, "--" can be displayed for the on-board computer information selected. Values will only be displayed again after a brief period.

Navigation active				
Range	186	Miles		
Trip Cons.	1.2	Galls		
Consump.	31.3	m.p.g.		
Inst. Cons.	23.5	m.p.g.		
Speed	38.7	m.p.h.		
▶ Trip Dist.	6.7	Miles		
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30

Inst. Cons.	23.5	m.p.g.	
Speed	38.7	m.p.h.	
▶ Trip Dist.	6.7	Miles	
Settings			

Resetting several on-board computer information displays

The following on-board computer information can be reset simultaneously (i.e., start new measurements):

- Total fuel consumption,
- Average fuel consumption,
- Average speed,
- Range.

- Select menu option “Settings” in the on-board computer menu.
- ✓ The BC-Settings menu is displayed.

Navigation active				
Range	186	Miles		
Trip Cons.	1.2	Galls		
Consump.	31.3	m.p.g.		
Inst. Cons.	23.5	m.p.g.		
▶ Speed	38.7	m.p.h.		
Trip Dist.	6.7	Miles		
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30

Inst. Cons.	23.5	m.p.g.	
▶ Speed	38.7	m.p.h.	
Trip Dist.	6.7	Miles	
Settings			

- Select menu option “BC Reset All”.
- ✓ All data is reset and re-calculated.
- With some types of on-board computer, the display will show “****” after resetting. Values will not be displayed until the vehicle has travelled a short distance and/or until a short time has elapsed.




Navigation active				
Speed	62	m.p.h.		
BC Reset present				
BC-Reset all				
System Settings				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Speed	62	m.p.h.	
BC Reset present		System Settings	
BC Reset all		Return	
19,5 °C	U1 BBC R2	TP	08.54


Select Language




The language for text displays by the “Infotainment” system can be selected.

- Select the menu option “Settings” in the on-board computer menu.
- ✓ The BC-Settings menu is displayed.
- Select menu option “System Settings” in the BC-Settings menu.
- ✓ The System Settings menu is displayed.
- To select the language for Guidance instructions, see page 46.


Navigation active   TMC  GPS				
Instructions		GB		
Units				
Time/Date				
Contrast				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Instructions		Contrast		
Units		Return		
Time/Date				
19,5 °C	U2-AS	BBC R2	TP	16:35

-  Select the menu option “Instructions” in the Systems Settings menu.
- ✓ The list of available languages is displayed.



Navigation active   TMC  GPS				
		(2/7)		
Return		▲		
Deutsch		■		
English		▼		
Español				
Français				
Italiano				
19,5 °C	U2-AS	BBC R2	TP	16:30

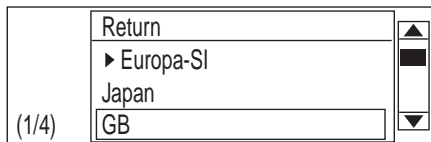
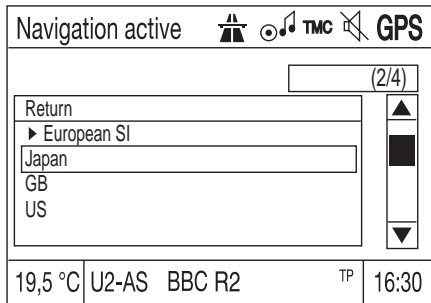
TMC	Return	▲
	Deutsch	■
	English	▼
	Français	
(2/7)		

-  Select the language required from the list.
- ✓ The selection is identified by a ► before the menu option.

Setting Units of Measurement

It is possible to select the units of measurement used in the “Infotainment” system.

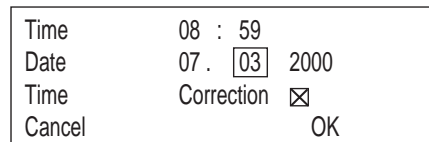
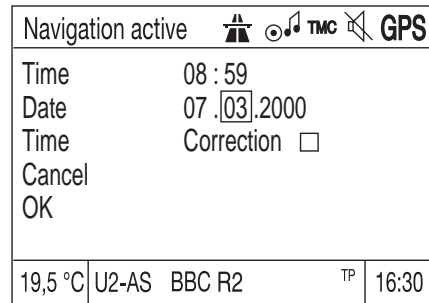
-  Select menu option “Settings” in the on-board computer menu.
- ✓ The BC-Settings menu is displayed.
-  Select menu option “System Settings” in the BC-Settings menu.
- ✓ The System Settings menu is displayed.



- ☞ Select menu option “Units” in the System Settings menu.
- ✓ A list of possible units of measurement is displayed.
- ☞ Select the unit required from the list.
- ✓ The unit which has been selected is identified by a ▶ before the menu option.

Setting the Time and Date

- ☞ Select menu option “Settings” in the on-board computer menu.
- ✓ The BC-Settings menu is displayed.
- ☞ Select “System Settings” from the BC-Settings menu.
- ✓ The System Settings menu is displayed.
- ☞ Select the menu option “Time/Date” in the System Settings menu.
- ✓ The Time/Date menu is displayed.



- ☞ Select the required menu options.
- ☞ Select the setting required by turning the multi-function knob and confirm.
- ☞ Select the menu option “OK”.
- The time and date settings can also be adjusted on the display with the buttons *, see the vehicle instruction handbook.

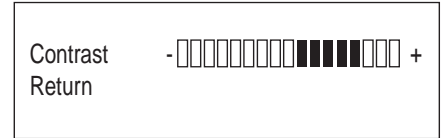
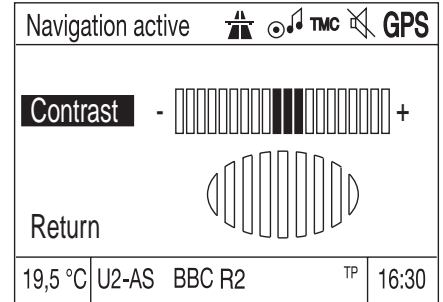
Time Correction

The time is compared with the time given by the GPS Navigation satellites. If the time displayed does not tally with the local time (e.g. another time zone), the time can also be compared with the RDS time.

- ☞ Select “Automatic Time Correction” in the Time/Date Menu.
- ✓ The field behind “Automatic Time Correction” is ticked.
- If a faulty RDS signal is received from the sending station, deactivate Time Correction and adjust the time manually.

Adjust Contrast

- ☞ Select menu option “Settings” in the on-board computer menu.
- ✓ The BC-Settings menu is displayed.
- ☞ Select menu option “System Settings” in the BC-Settings menu.
- ✓ The Systems Settings menu is displayed.
- ☞ Select menu option “Contrast” in the System Settings menu.
- ✓ The Contrast menu is displayed.



- ☞ Select the required setting by turning the multi-function knob and confirm.

Navigation

The Navigation system takes you through the traffic and enables you to find your destination more easily. One-way streets, no-entry signs, road junctions, etc. are stored on the Navigation CD. The Navigation system takes this information into account when calculating the route and recommends the best route to achieve your destination. However, it cannot take account of changing traffic conditions, sudden changes in traffic regulations and any accidents or other hazards, such as road-works, which may occur.

⚠ Using the navigation system does not excuse the driver from his own responsibility for correct and careful behaviour on the road. Road traffic regulations must always be obeyed. If an instruction in the Destination Guide contradicts the road traffic regulations, the road traffic regulations always have precedence.

The navigation system in the “Infotainment” system enables the driver to be directed safely to the destination, without knowing anything of the local road system.

Navigation active	
> Luton	200m
Osbourne Road	
Enter dest.	
Active 216 Miles <input checked="" type="checkbox"/>	
Functions	
Map display	
Announcement	
19,5 °C	U2-AS BBC R2 [TP] 16:30

> Luton		
Osbourne Road		
Enter dest.	Functions	
Active <input checked="" type="checkbox"/>	Voice	
		200 m

Once the destination address or a special destination requirement (nearest garage, hotel, etc.) has been entered, the system calculates the route from the point where the vehicle is currently located, to the selected destination.

The navigation system uses the GPS (Global Positioning System) to determine where the vehicle is located. This satellite-supported process enables the precise position of the vehicle to be pin-pointed at all times, even when the vehicle is in motion.

The position of the vehicle is compared with the data on the navigation CD and the way to the specified destination is calculated.

The driver is guided to the destination by speech and by a directional arrow, or by means of multi-coloured route map.

The speech and the directional arrow in the display advise the next manoeuvre to be made (straight on, turn left, turn right or turn back).

As the vehicle moves towards the point where the manoeuvre is to be carried out, more segments in the directional arrow are filled.

Once the route calculation has been completed, the route to the destination is stored in the “Infotainment” system.

The navigation CD can be removed and an audio CD can be placed in the CD slot if desired.

If the driver leaves the calculated route, or if more information is required (for example, special destinations), the navigation CD must be re-inserted.

If the driver leaves the calculated route while the navigation CD is not inserted, the route to the destination (cardinal points) is indicated by a compass symbol.

Navigation active				
Town: Dunstable				
St.: High Street North				
Corner: Queensway				
Enter dest. <input type="text"/>				
Active <input type="checkbox"/>				
Functions				
Map display				
19,5 °C	U2-AS	BBC R2	TP	16:30

Town: Dunstable	
St.: High Street North	
Enter dest. <input type="text"/>	Functions
Active <input type="checkbox"/>	Voice

2023cgb.eps

Activating the Navigation System

During playback from the radio, CD or CD changer:

Press the **NAV** button .

- ✓ The Navigation menu will be displayed. If a destination address has already been entered, this will be displayed. If no destination address has been entered, the top lines of the display will be empty.
- If a destination address is already entered and the Destination Guide is active (the field after "Active" is marked with a cross), a directional arrow will appear in the right-hand side of the display.

Navigation active				
Town: Dunstable				
St.: High Street North				
Corner:				
Address <input type="text"/>		Dest. memory		
Home		Last destination		
POI		Return		
19,5 °C	U2-AS	BBC R2	TP	16:30

Town: Dunstable	
Address <input type="text"/>	Dest. memory
Home	Last destination
POI	Return

Entering the destination

The following methods can be used to enter the destination required:

- **Entering a new destination address:** to enter a new destination address, see page 45.
- **Home address:** to enter your home address as the destination, see page 47.
- **Selecting points of interest:** to select special destinations (restaurants, hotels, etc.), see page 58.
- **Stored destination:** to select a manually stored destination, see page 47.
- **One of the last destinations entered:** to select a destination which has been entered previously, see page 48

The "Infotainment" system requires the navigation CD which contains the desired destination to be inserted before the destination address is entered.

Insert a CD with System Software see page 14.

If an audio CD is inserted in the unit:

Press the button .

✓ The audio CD is ejected.

Remove the audio CD.

Place the relevant Navigation CD in the CD slot (with the printed side upwards), until the CD is taken in automatically.

- The major roads of most countries in Europe (motorways, main roads in larger towns and cities) are stored on each Navigation CD.
- If the destination is in another country, it is possible that the destination will not be stored on the Navigation CD currently in use. If so, enter a point en route on the border between the two countries. On reaching this border point, insert the Navigation CD for the country of destination and enter the destination address.

Input of destination address

Town:	<input type="text"/>
St.:	<input type="text"/>
Corner:	<input type="text"/>

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 0123456789ÄÅÊËÖÜ
 Correction Confirm
 List Guidance
 Cancel Save

Town:

Cancel

To enter a new destination

- ☞ Select menu option “Enter dest.” in the Navigation menu.
- ✓ The Enter Destination menu will appear in the display.
- ☞ Select menu option “Address” in the Enter Destination menu.
- ✓ The “Enter Address” menu will appear in the display.

Town

- ☞ Select menu option “Town” in the Enter Address menu.
- ✓ A range of letters will appear in the display.

Input of destination address

Town:	<input type="text"/>
St.:	<input type="text"/>
Corner:	<input type="text"/>

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 0123456789ÄÅÊËÖÜ ◀▶
 Correction Confirm
 List Guidance
 Cancel Save

Town:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 0123456789ÄÅÊËÖÜ ▶
 Cancel

- ☞ Enter the required town destination by typing the letters. For details on “typing”, see page 10.
- ✓ The letters which are typed are entered in the “Town” line in the display.
- ☞ Select menu option “Confirm”
- or:
- ☞ Select menu option “Town” in the Enter Address menu.
- ✓ A range of letters will appear in the display.
- ☞ Type the first letters as an entry.
- ✓ The menu option “List” will appear.
- ☞ Select menu option “List”.

Navigation active TMC GPS

Town:	<input type="text"/>	(1/2)
Return	<input type="text"/>	▲
Dunstable		■
High Street North		▼
Queensway		









19,5 °C U2-AS BBC R2 TP 16:30

Town:

Return
 Dunstable
 High Street North
 Queensway
 (1/2)

- ✓ A list appears, showing the towns/cities which can be selected.
 - ☞ Select the town required from the selection list.
 - ☞ Select menu option “Confirm”.
- Once the town has been entered, the word CENTRE will appear in the menu option “St.”. If no road or street is entered, the centre of the selected town is taken as the destination address.




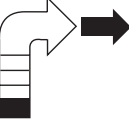
Street


-  Select the menu option “St.” in the Enter Address menu.
 - ✓ A row of letters will appear in the display.
 -  Enter the street or road required, by typing the appropriate letters.
 - ✓ The letters you type will be entered in the “St.” Line in the display.
 -  Select menu option “Confirm”
- or:
-  Select the menu option “St.” in the Enter Address menu.
 - ✓ A row of letters will appear in the display.
 -  Type the first letters of the street or road into the screen.
 - ✓ The menu option “List” will emerge in the bottom line.
 -  Select menu option “List”.
 - ✓ A list will appear, showing the streets or roads which are available.
 -  Select the street or road from the selection list.
 -  Select menu option “Confirm”.


Input of destination address	
Town:	Dunstable
St.:	High Street North
Corner:	Queensway
ABCDEFGHIJKLMNOPQRSTUVWXYZ	
0123456789ÄÅÊËÖÜ	
Correction	Confirm
List	Guidance
Cancel	Save

Town:	Dunstable	
St:	High Street North	
Corner:	Queensway	
Guidance	Save	Cancel

- If house numbers for the street or road you have selected are stored in the navigation CD, the numbers available will be displayed.
- The menu option “Corner” enables the user to select from a list, the name of a street or road which crosses the destination street or road.
- If only a new street/road, a new house number or a new crossroads is to be entered, select only the relevant menu option.

Navigation active				GPS
> Luton	Osbourne Road			200m
Enter dest.				
Active 216 Miles	<input checked="" type="checkbox"/>			
Functions				
Map display				
Announcement				
19,5 °C	U2-AS	BBC R2	[TP]	16:30

> Luton	Osbourne Road			
Enter dest.	<input type="checkbox"/>	Functions		
Active	<input checked="" type="checkbox"/>	Voice	200 m	

-  Select the menu option “Guidance”.
- ✓ The Guidance menu appears in the display and the route is calculated (this process can take a few seconds).
- Guidance, see page 48.

Navigation active			
Town:	Dunstable		
St.:	High Street North		
Corner:	Queensway		
Address	Dest. memory		
Home <input type="text"/>	Last destination		
POI	Return		
19,5 °C	U2-AS	BBC R2	TP 16:30

Town:	Dunstable		
Address	Dest. memory		
Home <input type="text"/>	Last destination		
POI	Return		

To enter the home address as the required destination

- ☞ Select the menu option “Home” from the Enter Destination menu.
- ✓ The Home Address menu appears and the home address which has been stored will be displayed.
- To enter a new Home Address, see page 54.

Navigation active			
Town	HOMETOWN		
St.:	HOMEADDRESS		
Corner:			
Guidance <input type="text"/>			
Input of home address			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Town	HOMETOWN		
St.:	HOMEADDRESS		
Guidance <input type="text"/>	Return		
Home address			

- ☞ Select menu option “Guidance”.
- ✓ The Guidance menu is displayed and the route is calculated (this process may take a few seconds).
- The home address can also be selected as a new destination by operating the press-button . This automatically activates the Guidance.
- Guidance, see page 48.

Navigation active			
Town:	Dunstable		
St.:	High Street North		
Corner:	Queensway		
Select <input type="text"/>	Guidance		
Delete	Return		
Delete all			
19,5 °C	U2-AS	BBC R2	TP 16:30

Town:	Dunstable		
St.:	High Street North		
Select <input type="text"/>	Delete	Delete all	
Guidance	Return		

Entering a Stored Destination

(If destinations have been stored in the Destination memory)

- ☞ Select the menu option “Dest. Memory” in the Enter Destination menu.
- ✓ The Destination Memory appears in the display.
- ☞ Select the menu option “Select”.
- ✓ The list of destinations stored to-date is displayed (in alphabetical order).
- Storing destinations, see page 45.

Town:	Dunstable
St.:	Centre
Dest:	<input type="text"/> (4/10)
Return	<input type="button" value="▲"/>
Luton	<input type="checkbox"/>
Company	<input type="text"/>
St. Albans	<input type="checkbox"/>
	<input type="button" value="▼"/>
19,5 °C	U2-AS BBC R2 TP 16:30

Return	<input type="button" value="▲"/>
Dest.	Luton
	<input type="checkbox"/>
	Company
	<input type="checkbox"/>
(4/10)	St Albans
	<input type="button" value="▼"/>

- ☞ Select a Destination from the List.
- ✓ The Destination Memory menu appears again.
- ☞ Select the menu option "Guidance".
- ✓ The Guidance menu appears and the route is calculated (this process can take a few seconds).

Navigation active	
Town:	Dunstable
St.:	High Street North
Corner:	Queensway
Address	Dest. memory
Home	Last destination
POI	Return
19,5 °C	U2-AS BBC R2 TP 16:30

Town	HOMETOWN
St.:	HOMEADDRESS
Guidance	Return
Home address	

Entering one of the most recent destinations

- ☞ Select menu option "Last Destination" in the Enter Destination menu.
- ✓ The Destination Memory menu appears.
- ☞ Select the menu option "Select".
- ✓ The "Select" list appears, showing the last destinations, for which a route has been calculated.
- ☞ Select a destination from the list.
- ✓ The Destination Memory menu appears again.
- ☞ Select the menu option "Guidance".
- ✓ The Guidance menu appears and the route is selected (this process can take a few seconds).

Navigation active	
> Luton	200m
Osbourne Road	
Enter dest.	
Active 216 Miles	<input checked="" type="checkbox"/>
Functions	
Map display	
Announcement	
19,5 °C	U2-AS BBC R2 [TP] 16:30

> Luton	
Osbourne Road	
Enter dest.	Functions
Active	<input checked="" type="checkbox"/> Voice
	200 m


Guidance

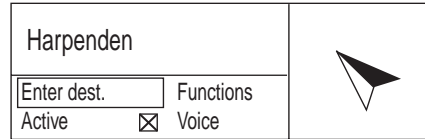
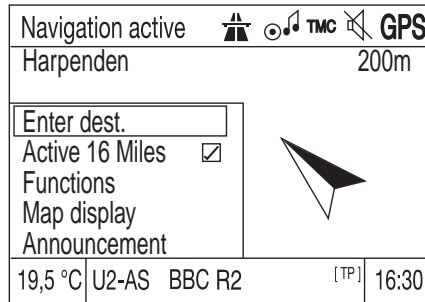
Once the route has been calculated, the Guidance is provided by speech and also by the directional arrow.

The directional arrows are displayed in the Guidance menu and also (in simplified form) in the main display.

The spoken instructions and the directional arrows in the display give the next change in direction (straight on, turn left, turn right or turn back).

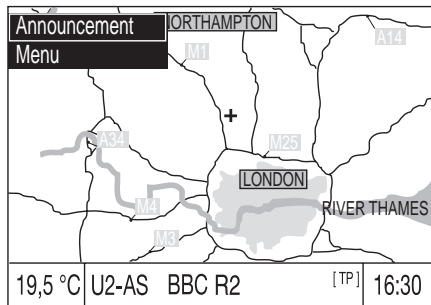
The top line of the display shows the next road or street to be taken and the distance before this change in direction. The road or street the vehicle is in at the time is shown in the next line of the display.

- The current acoustic instruction can be actuated with the **REPEAT button**  or by selecting the menu option “Voice”.
- Once the route calculation has been completed, the navigation CD can be removed and an audio CD can be inserted in the CD slot.
- If Popup info is activated (see page 60) the target setting is tuned briefly before each change in driving direction.
- Adjusting the volume of announcements, see page 62.
- Route selection, see page 57.



- If the vehicle is not on a public road (for example, on private premises or on a country track) or if it is on a road or street which is not yet stored on the navigation CD, a compass symbol appears, pointing in the direction of the destination. As soon as the vehicle reaches a road or street which is stored on the navigation CD, the Guidance becomes active.

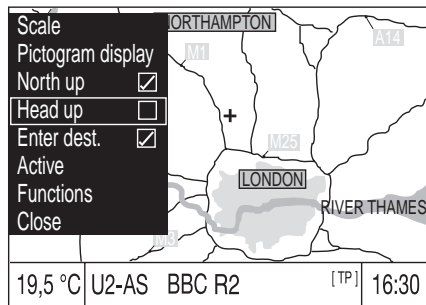
- The compass symbol also appears if the driver leaves the calculated route and there is no navigation CD in the CD slot.
- Once the “Infotainment” system has been shut down (for example, if the driver makes a break in the journey) the calculated route remains stored for approximately 30 minutes. If the “Infotainment” system is switched on again within approximately 30 minutes, the Guidance can be activated immediately, even if the navigation CD is not in the CD slot).



Map Display *

In addition to the directional arrow used as the Destination Guide, it is also possible to display a road map showing the route, together with additional information.

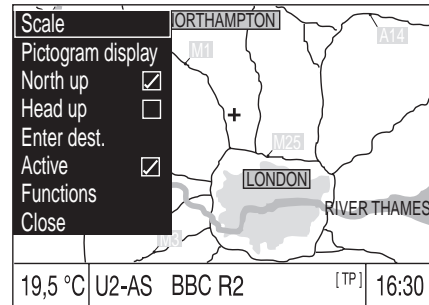
- ☞ Select the menu option “Map Display” in the Navigation menu.
- ✓ A road map appears in the display, showing the present location of the vehicle. The route which has been calculated is shown on this map as a white line. The current location of the vehicle is shown by an arrow.
- Additional information can be displayed on the map, see Map Option, next page.



Function Selection with Map Display

When Map Display is active, two menu options are inserted in the top left corner of the screen. These can be used to repeat the last acoustic instruction (see page 49) and to insert a menu:

- ☞ Select the menu option “Menu”.
- ✓ The popup menu Map is displayed.
- This menu enables all the menu options in the Navigation menu (see previous pages) and map-related settings to be selected.



Changing the scale of the map display

- ☞ Select the menu option “Scale” in the popup menu Map.
- ✓ An Insertion menu appears, showing the present scale of the map display.
- ☞ Turn the multi-function knob to change the scale of the map display.
- ✓ The map is re-structured to the new scale which has been selected.

Scale	ORTHAMPTON		
Pictogram display	M1 M25 M4		
North up	<input checked="" type="checkbox"/>		
Head up	<input type="checkbox"/>		
Enter dest.			
Active	<input checked="" type="checkbox"/>		
Functions			
Close			
LONDON RIVER THAMES			
19,5 °C	U2-AS	BBC R2	[TP] 16:30

Setting the Orientation of the Map Display

The orientation of the map presentation can be northwards (with the top edge of the map pointing to the north) or in the direction the vehicle is travelling (the top edge of the map points in the direction in which the vehicle is travelling).

Northwards:

- ☞ Select the menu option “North up” in the popup menu Map.
- ✓ The map is re-constructed. The top edge of the map is always directed to the north. The arrow (showing the position of the vehicle) is adjusted to indicate the position of the vehicle at all times.

Scale			
Pictogram display	A446 A452 A45 B443 M42		
North up	<input type="checkbox"/>		
Head up	<input checked="" type="checkbox"/>		
Enter dest.			
Active	<input checked="" type="checkbox"/>		
Functions			
Close			
N			
19,5 °C	U2-AS	BBC R2	[TP] 16:30

Direction of Travel:

- ☞ Select the menu option “Head up” in the popup menu Map.
- ✓ The map is re-constructed. The top edge always points in the direction the vehicle is travelling. The arrow (vehicle position) always points upwards and the map display is adjusted to indicate the changing position of the vehicle.
- The “Head up” mode operates only to a minimum scale of 1 km.

Navigation active			
Hospitals	<input type="checkbox"/>		
Petrol stations	<input checked="" type="checkbox"/>		
Hotels	<input type="checkbox"/>		
Service areas	<input type="checkbox"/>		
Car parks	<input checked="" type="checkbox"/>		
Railway stations	<input type="checkbox"/>		
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Map Options

- ☞ Select the menu option “Functions” in the Map menu.
- ✓ The Functions menu appears in the display.
- ☞ Select the menu option “Settings”.
- ✓ The Settings menu appears in the display.
- ☞ Select the menu option “Map Options”.
- ✓ The Map Options menu is displayed.
- ☞ Select the display options.
- ✓ Once the choice has been made, the boxes behind the relevant presentation option are filled.

Navigation active			
Town:	Dunstable		
St.:	High Street North		
Corner:	Queensway		
Address	Dest. memory		
Home	Last destination		
POI	Return		
19,5 °C	U2-AS	BBC R2	16:30

Town:	Dunstable		
Address	Dest. memory		
Home	Last destination		
POI	Return		

Destination Memory

Several different destinations can be saved in the Destination Memory. The destinations which are stored can be given individual names.

Saving a New Destination

- Select the menu option “Enter Dest.” in the Navigation menu.
- ✓ The Enter Destination menu appears in the display.
- Select the menu option “Address”.
- ✓ The “Insert Address” menu is displayed.

Input of destination address	
Town:	
St.:	
Corner:	
ABCDEF	GHIJKLMNOPQRSTUVWXYZ
0123456789	ÄÄËËÖÜ < >
Correction	Confirm
List	Guidance
Cancel	Save

Town:	
ABCDEF	GHIJKLMNOPQRSTUVWXYZ
0123456789	ÄÄËËÖÜ >
Cancel	

- Type the desired destination address into the display.
- Select menu option “Save”.
- ✓ The “Save” menu is displayed.
- Select menu option “Name”.
- Type the desired name into the display.

Input of destination address	
Town:	Dunstable
St.:	High Street North
Corner:	Queensway
ABCDEF	GHIJKLMNOPQRSTUVWXYZ
0123456789	ÄÄËËÖÜ
Correction	Confirm
List	Guidance
Cancel	Save

Town:	Dunstable
St.:	High Street North
Corner:	Queensway
Guidance	Save Cancel

- The letters which have been typed are added after the text which already appears in the display. If a completely new name is required for the destination address, the existing text must be deleted beforehand.
 - To delete the last letter which has been entered: select “Correction” and enter new letters
- or:
- Press button **6 CLEAR** briefly.
 - To delete the last sequence of letters which has been entered: press and hold down button **6 CLEAR**.

Name: COMPANY			
ABCDEF GHIJ KLMNOPQRST UVWXYZ			
0123456789 ÅÄËËÖÜ			
Correction		Replace	
		Confirm	
Cancel			
19,5 °C	U2-AS	BBC 2	TP 16:30

Name: Company			
ABCDEF GHIJ KLMNOPQRST UVWXYZ			
0123456789 ÅÄËËÖÜ >			
Correction		Cancel	
Replace		Confirm	

☞ Select menu option “Confirm”.

- The menu option “Replace” can be used to replace a destination which has already been stored. Call up the display which gives a list of all destinations stored to date (in alphabetical order) and select one of the destinations in the list. Once the menu option “Confirm” has been selected, this destination is replaced by the new destination entry.

Navigation active			
Town: Dunstable			
St.: High Street North			
Corner: Queensway			
Select		Guidance	
Delete		Return	
Delete all			
19,5 °C	U2-AS	BBC R2	TP 16:30

Town: Dunstable			
St.: High Street North			
Select		Delete	
Guidance		Back	

Deleting destinations which have been stored

- ☞ Select the menu option “Enter Destination” in the Navigation menu.
- ✓ The Enter Destination menu will be displayed.
- ☞ Select the menu option “Destination Memory”.
- ✓ The Destination Memory menu is displayed. The current destination address is displayed.

Town: Dunstable			
St.: Centre			
Dest:		(4/10)	
Return		▲	
Luton		■	
Company			
St. Albans		▼	
19,5 °C	U2-AS	BBC R2	TP 16:30

Return		▲	
Dest. Luton		■	
Company			
(4/10) St Albans		▼	

☞ Select the menu option “Select”.

- ✓ The list of previously stored destinations is displayed.
- ☞ Select an destination from the list.
- ✓ The display will show the Destination Address of the destination which has been selected.

Navigation active			
Town: Dunstable			
St.: High Street North			
Corner: Queensway			
Select	Guidance		
Delete	Return		
Delete all			
19,5 °C	U2-AS	BBC R2	TP 16:30

Dunstable	
High Street North	
Select	Delete Delete all
Guidance	Return

- Select the menu option “Delete”.
- ✓ The “Confirm Deletion” menu is displayed.

Navigation active			
Destination			
Dunstable, High Street North			
will be deleted			
Delete		Cancel	
19,5 °C	U2-AS	BBC R2	TP 16:30

Destination	
Dunstable, High Street North	
will be deleted	
Delete	Cancel

- Select the menu option “Delete”.
- ✓ The selected destination is deleted from the Destination Memory.
- If you wish to delete all the stored destinations, select the menu option “Delete All” in the Destination Memory menu.

Navigation active			
Town: Dunstable			
St.: Downs Road			
Corner: Chalk Close			
Guidance			
Home address			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Town: Dunstable	
St.: Downs Road	
Guidance	Return
Home address	




Changing the “Home” Address

An address can be saved as the “Home” address, which can be selected direct as a destination.

Saving a new “Home” address

- Select the menu option “Home” from the Navigation menu.
- ✓ The “Home Address” is displayed.
- Select menu option “Home Address”.
- ✓ The “Enter Address” menu will be displayed.
- Type the required Home Address into the display.

or:

Navigation active   



Town: (1/2)

Return
Dunstable
High Street North
Queensway

19,5 °C U2-AS BBC R2 TP 16:30

Town: (1/2)


Return
Dunstable
High Street North
Queensway

-  Select the menu option “List” from the Input Address menu.
- ✓ The selection list will be displayed, showing all the cities, towns, roads and streets which can be selected.
-  Select from this list the city, town, road or street required.
- It is also possible to type just the first few letters of the desired destination, in order to call up the list of available destinations.

Input of home address

Town: HOMETOWN
St.: HOMESTREET
Corner:
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789ÄÅËËÖÜ
Correction
List
Cancel Save

Town: HOMETOWN
St: HOMESTREET
Corner:
Guidance Cancel

-  Select the menu option “Confirm”.
- ✓ The address which has been selected will be stored as the new Home Address.

Route Selection

Once the destination address has been entered, the “Infotainment” system will calculate the route, using the type of route which has been selected from the “Route Type” menu. The “Infotainment” system offers the following types of route:

- The quickest route**, with the fastest probable journey time,
- With motorways preferred**; a route with a large proportion of motorway driving,
- Avoiding motorways**; the route with the minimum proportion of motorway driving.

Navigation active				
Town: Dunstable				
St.: High Street North				
Corner: Queensway				
Enter dest.				
Active <input checked="" type="checkbox"/>				
Functions <input type="text"/>				
Map display				
19,5 °C	U2-AS	BBC R2	TP	16:30

Town: Dunstable	
St.: High Street North	
Enter dest.	Functions <input type="text"/>
Active <input type="checkbox"/>	Voice

Selecting the class of route

- Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear in the display.

Navigation active				
Route class <input type="text"/>				
Alternative Route				
Route				
Atlas				
Info				
Settings				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Route class <input type="text"/>	Info
Alternative	Settings
Route	Return

- Select the menu option “Route Class”.
- ✓ The Route Class menu will appear in the display.

Navigation active				
Fastest route <input type="checkbox"/>				
Prefer highway <input checked="" type="checkbox"/>				
Avoid highway <input type="checkbox"/>				
Cancel				
19,5 °C	U2-AS	BBC R2	TP	16:30

Fastest route <input type="checkbox"/>	Return
Prefer highway <input checked="" type="checkbox"/>	
Avoid highway <input type="checkbox"/>	

- Select the class of route required.
- ✓ The “Infotainment” system will calculate the route in accordance with the type of route required.
- The class of route can be changed at any time. The route currently in use is then recalculated to comply with the new Route Class which has been selected. The Route Class which is selected will remain stored even if the “Infotainment” system is switched off and will apply to any future routes which the system calculates.

Navigation active	
Route class	Alternative Route
Route	
Atlas	
Info	
Settings	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Route class	Info
Alternative route	Settings
Route	Return

Select alternative route

Once the destination address has been entered, the “Infotainment” system calculates a route, using the data stored on the Navigation CD. If special circumstances arise (traffic jams; road works; etc.) it is possible to calculate an alternative route for any section, once the initial route calculation has been completed.

In such cases, the “Infotainment” system provides the facility to divert around a specific section of the calculated route (starting at the current position of the vehicle).

- Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear in the display.

Town:	Dunstable
St.:	High Street North
Corner:	Queensway
Block route	2 Miles
Street from	Luton
Street to	Dunstable
Cancel	Confirm
19,5 °C	U2-AS BBC R2 TP 16:30

Route class	Info
Alternative route	Settings
Route	Return

- Select the menu option “Alternative Route”.
 - ✓ The Alternative Route menu will appear.
 - Select the menu option “Block route”.
 - Select the section for the alternative route.
 - Select menu option “Confirm”.
 - ✓ The system will calculate an alternative route for the blocked section (started at the actual position)
- or:
- Select the menu option “Street from :”.
 - ✓ The list of roads and streets is displayed.
 - Select the road or street, from which the alternative route is to be calculated.

First road to be blocked	(8/28)
List	
Return	
Church Street, 150m	
Guildford Street, 400m	
Bridge Street, 100m	
Bedford Road, 250m	
Telford Way, 600m	
19,5 °C	U2-AS BBC R2 TP 16:30

List	Return	
Guildford Street	400 m	
Bridge Street	100 m	
Bedford Road	250m	
(2/36)		


- Select the menu option “Street to:”.
- ✓ The list of roads and streets is displayed.
- Select the road or street to which the alternative route is to be calculated.
- Select menu option “Confirm”.
- ✓ The system will calculate an alternative route between the two roads or streets which have been selected.
- Streets or parts of streets which are not named (e. g. motorway exits) are displayed as “[unknown]”.
- An alternative route can be entered at any time.
- The Alternative Route menu can also be selected by pressing the button “Alternative Route”.


Last road to be blocked				
List		(4/10)		
Return			▲	
Windmill Road, 300m			■	
Park Viaduct, 900m				
Chapel Viaduct, 300m				
Stuart Street, 600m				
Hatters Way, 2 miles			▼	
19,5 °C	U2-AS	BBC R2	TP	16:30

Town:	Dunstable
St.:	High Street North
Enter dest.	Functions
Active	<input type="checkbox"/> Voice

Display roads to destination

Once a route has been calculated, the roads to the destination are displayed.

- ✓ Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigations-Functions menu appears in the display.
- ☞ Select menu option “Route”.
- ✓ The Route menu appears as a list, showing the roads or streets through which the vehicle must pass to reach the destination, as well as how far along each road or street the vehicle must travel.
- The Route menu can also be selected, using the **ROUTE** button .

Navigation active  GPS				
Town:	Dunstable			
St.:	High Street North			
Corner:	Queensway			
Address	Dest. memory			
Home	Last destination			
POI	Return			
19,5 °C	U2-AS	BBC R2	TP	16:30

Town:	Dunstable
Address	Dest. memory
Home	Last destination
POI	Return

Selecting a special destination

Interesting or helpful locations can be selected along the route or as a destination. In this connection, the “Infotainment” system offers a range of categories in which important addresses are stored:

- ☞ Select menu option “Enter Dest.” in the Navigation menu.
- ✓ Enter Destination menu appears in display.
- ☞ Select the menu option “POI” (Points of Interest).
- ✓ The “POI” menu is displayed.
- The top line of the display shows the current destination. If a point of interest has already been selected, this will appear in the top lines.

POI				
Name:	Dunstable			
Type	List			
At dest.	<input checked="" type="checkbox"/>	Guidance	Save	
Optional	<input type="checkbox"/>	Return	Return	
Nearest	<input type="checkbox"/>	Return	Return	
19,5 °C	U2-AS	BBC R2	TP	16:30

Town:	Dunstable
Name:	
At dest.	<input checked="" type="checkbox"/> Optional <input type="checkbox"/> Nearest <input type="checkbox"/> Return

- ☞ Select the menu option “At Dest.”, “Optional” or Nearest”.
- If the “At Destination” option is selected, the Points of Interest at the selected final destination are displayed (in the menu options “Category” and “List”).
- If the “Nearest” option is selected, the Points of Interest are listed in order of distance from the present position of the vehicle.
- If the “Optional” option is selected, the user can type any city or town and the Points of Interest in that location will then be listed.

Special destination types				
Dest.			(4/22)	
Return				▲
Car parks				■
Place of interest				
Restaurants				
School				
Town hall				▼
19,5 °C	U2-AS	BBC R2	TP	16:30

Dest.	Return			▲
	Service areas			
	Town hall			■
(8/10)	Restaurants			▼

- ☞ Select menu option “Type”.
- ✓ A list appears in the display, showing the categories which can be selected.
- If a category has already been selected, this will be displayed after the menu option “Type”.
- ☞ Select the category required.
- ✓ Once the category has been selected, the “POI” menu will appear again. The category which has been selected will be displayed after the menu option “Type”.

Restaurant				
Dest.			(4/12)	
Return				▲
Gold Cross				■
Le-pantos				
Milano				
Mykonos				
Baroso Rotisserie				▼
19,5 °C	U2-AS	BBC R2	TP	16:30

Dest.	Return			▲
	Gold Cross			
	Le-pantos			■
(2/12)	Milano			▼

- ☞ Select the menu option “List”.
- ✓ A list will appear, showing all possible destinations of the category which has been selected.
- ☞ Select the destination you require.
- ✓ Once the destination has been selected, the “POI” will again be displayed. The top lines will show the special destination and the selected, final destination.

POI				
Name:				Le-pantos
Town:	Dunstable			
Type				Restaurant
Dest. memory				Guidance
At dest.		<input checked="" type="checkbox"/>		Save
Optional		<input type="checkbox"/>		Return
Nearest		<input type="checkbox"/>		
19,5 °C	U2-AS	BBC R2	TP	16:30

Town:	Dunstable			
Name:	Le-pantos			
Type	Restaurant			Town
Guidance	List			Return




- ☞ Select the menu option “Guidance”.
- ✓ The Guidance menu will be displayed and the route will be calculated (this process may take a few seconds).


POI				
Name:	Le-pantos			
Town:	Dunstable			
Type	Restaurant			
Dest. memory	<input type="checkbox"/> Guidance			
At dest.	<input checked="" type="checkbox"/>	Save		
Optional	<input type="checkbox"/>	Return		
Nearest	<input type="checkbox"/>			
19,5 °C	U2-AS	BBC R2	TP	16:30

Luton	
Park Street	
N 51° 33.2' W 0° 31'	
5 Miles to destination	Dr. time 0.15 h <input type="button" value="Return"/>

Displaying information regarding the route

Once a route has been calculated, the geographical position, the distance and the probable arrival time can be displayed.




-  Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear.
-  Select menu option “Info”.
- ✓ The “Info” menu will appear.
- The “Info” menu can also be selected by pressing the **INFO** button .

Navigation active 				
<input type="checkbox"/> Popup info				
Map options				
Navi volume				
Select voice				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

<input checked="" type="checkbox"/> Popup info				
Navi volume				
Select voice				
Return				

Tune target setting

If Popup info is activated, the target setting is automatically tuned briefly before each change in driving direction.

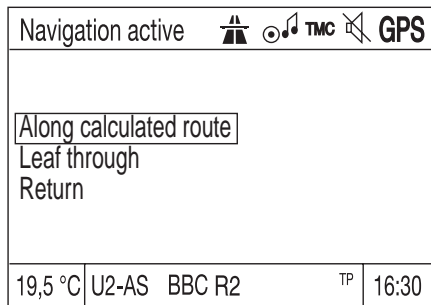
-  Select “Functions” in the Navigation Menu.
- ✓ The Navigation Functions Menu is displayed.
-  Select “Settings”.
- ✓ The Settings Menu is displayed.
-  Select “Popup info”.
- ✓ The field behind “Popup info” is ticked.
- Guidance, see page 48.

Displaying a section of map

An overview map (Atlas) can be provided on the display at any time. The section displayed is governed by the settings in the Map Options menu, see page 129.

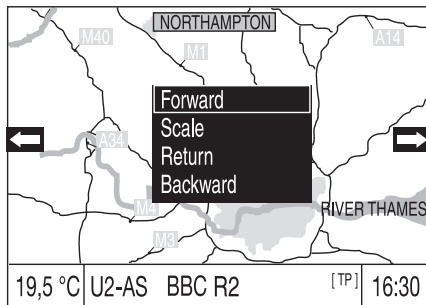
The “Infotainment” system provides the following possible atlas displays:

- Along the calculated route**, where the section of map displayed shows a section of the map along a route which has been calculated (this is available only where a route has been calculated and Route Guide is active).
- Any number of pages** can be displayed, to cover any section of map required.
- The system cannot display maps of countries which are not stored on the Navigation CD which has been inserted.



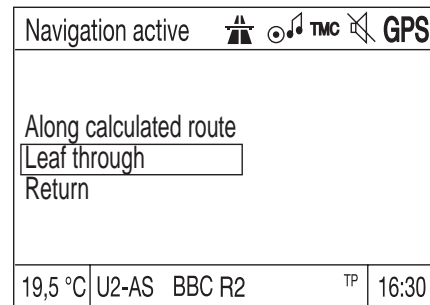
Section of the map along the route which has been calculated (this is available only where a route has already been calculated and Route Guide is active).

- ☞ Select menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear in the display.
- ☞ Select menu option “Atlas”.
- ✓ The Atlas menu will appear in the display.
- ☞ Select “Along calc. route”.
- ✓ The map for the calculated route will be displayed.



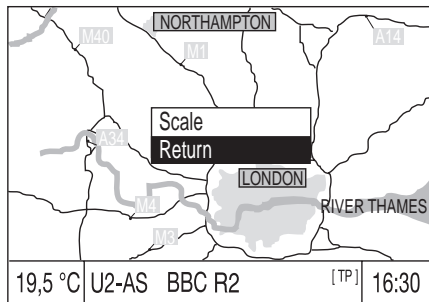
Turning the multi-function knob will cause a menu to appear on the map. This can be used to alter the scale of the map, move the section of map backwards or forwards along the selected route, or return to the Atlas menu.

- The current position of the vehicle is shown on the map by a white cross.
- The arrows on the left-hand and right-hand sides of the display can also be used to move the section of map along the selected route (the left-hand arrow moves the display to the starting-point and the right-hand arrow moves the display towards the route destination).



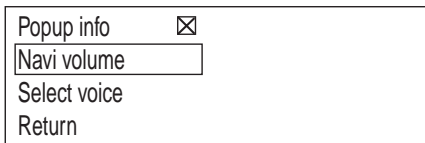
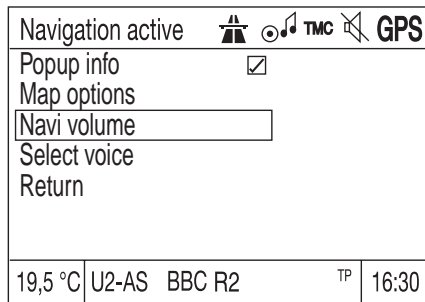
Random Map Section *

- ☞ Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear.
- ☞ Select the menu option “Atlas”.
- ✓ The Atlas menu will appear.
- ☞ Select the menu option “Leaf through”.
- ✓ A section of the country card is displayed.



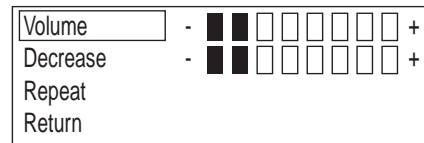
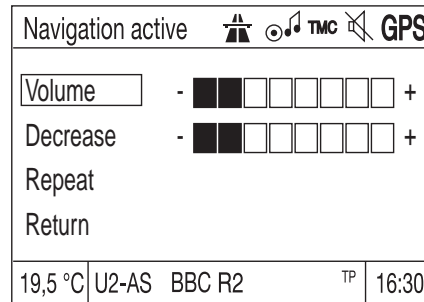
- ☞ Use the multi-function knob to select a section.
- ✓ The selected section of card is moved to the centre of the display.

Moving the cursor to the middle of the map will call up a menu. This can be used to change the scale of the map, or return to the Atlas menu.



Settings Voice Announcements

- ☞ Select the menu option “Functions” in the Navigation menu.
- ✓ The Navigation Functions menu will appear.
- ☞ Select the menu option “Settings”.
- ✓ The Navigation Settings menu will appear in the display.
- Sound only comes out of the front speakers.

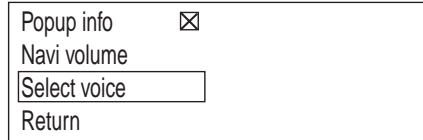
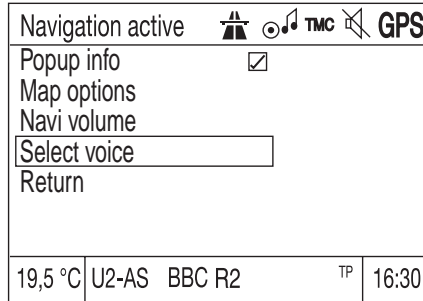


Setting the volume of voice announcements

- ☞ Select the menu option “Navi-Volume” in the Navigation Settings menu.
- ✓ The Voice Announcement Settings menu will appear.
- ☞ Select the menu option “Volume”.
- ☞ Set the required volume level for voice announcements by turning the multi-function knob and confirm.
- ☞ Check setting by selecting “Repeat” in the Menu.
- If the volume is set to Minimum, no voice announcements will be given and the top line of the main display shows the symbol .

Adjusting Audio-Volume reduction

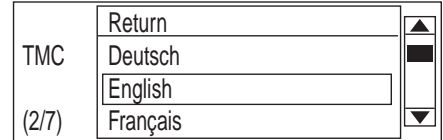
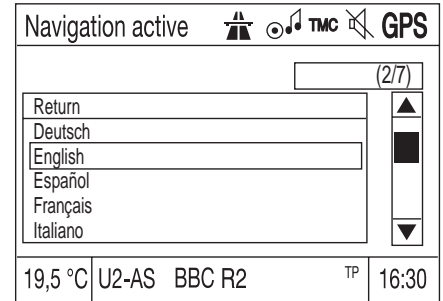
- ☞ Select the menu option “Navi-Volume” in the Navigation Settings menu.
- ✓ The Voice Announcement Settings menu will appear.
- ☞ Select the menu option “Decrease”.
- ☞ Set the required reduction in the volume of other audio sources when voice announcements are made.
- ☞ Check setting by selecting “Repeat” in the Menu.



Setting the Language

The language of voice announcements by the “Infotainment” system can be selected.

- ☞ Select the menu option “Select Language” in the Navigation Settings menu.
- ✓ A list of available languages will appear.



- ☞ Select a language from the list.
- Language for Text Displays in the “Infotainment” system, see page 92.

Telephone ✱

The telephone described in these instructions is released for installation in GSM 900 Station Networks (GSM = Global System for Mobile Communications).

In order to be able to use this telephone, you need to have an authorised SIM card. Before you use your telephone, make sure that you are familiar with the functions of your SIM card. The functions depend on the contract you have with your network operator or service provider. You will receive your SIM card from your Vauxhall dealership, a GSM network operator or service provider and through the trade.

Hands free device

Your telephone is fitted with a hands free device as standard equipment. The hands free microphone is built into the internal illumination near the internal play-back. The audio response unit operates through the loudspeaker of your "Infotainment" system.

Upon request, an external handset can be connected.

GSM Network Services

The GSM Networks provide a series of network services, which must be tailored for the user, but this is not done automatically.

You must subscribe to many of these services and your service provider or network operator also has to activate them, for example, the short messages service or the call barring function.

These operating instructions give general information about the additional services. Please ask your service provider or network operator for further information about the availability and details of the services in your local network.

The GSM network services can be different, if your telephone is not registered in the local network.

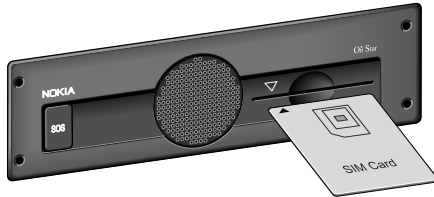
If a service requires special numbers or special settings, then these must be stored in the telephone settings.

Activating the telephone

The telephone of the "Infotainment" system is switched on when an authorised SIM card is inserted into the Telematic device with the "Infotainment" system switched on, see next page.

⚠ Do not switch on the telephone, if the use of a mobile phone is forbidden or if interference will be caused by the phone or dangerous situations could arise. Switch the phone off in these circumstances by removing the SIM card. For further information see page 65.

- Any self-checking is to be carried out only after the phone has been switched on.
- The PIN code of the SIM card can still be stored for a set time after the "Infotainment" System has been switched off. For PIN code deletion delay see page 92. By this means, when the "Infotainment" is switched on again, the pin code does not have to be inserted again within this specified time. This does not apply if the SIM card has been removed.



Insert SIM card

☞ Insert SIM card when required as per the illustration with the contact area facing upwards into the Telematic device.

✓ The phone is now switched on.

In order to avoid damaging or destroying your card, please carefully follow the following instructions:

⚠ When the engine is being started, the SIM card should on no account be inserted or removed from the card reader.

⚠ When the engine is being started, none of the telephone services should be used and in particular no PIN code entries should be made.

- The meter, with SIM cards which have a meter, cannot be used with this telephone.
- The SIM card can be removed at any time. The phone is then switched off.

Provider						
Enter PIN code:						

Confirm				Cancel		
19,5 °C	U2-AS	BBC R2	TP	16:30		

Provider						
Enter PIN code:						

Confirm				Cancel		

Enter PIN code

☞ Enter PIN code with the numbered buttons **7**.


✓ Each number is indicated by an asterisk.


☞ Press the multi-function knob to confirm the PIN code.

✓ The telephone can be used whenever a provider's name is shown on the telephone menu display.



● The PIN code protects your SIM card against unauthorised use and is normally delivered with the SIM card. For further instructions see pages page 101 and page 114.

● Without a PIN entry, the OnStar Service * is not possible.



Provider 				
+497311234567				
Phone book <input type="text"/>				
Call register				
Messages				
Call divert				
Voice mailbox				
Settings				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 	
Phone book <input type="text"/>	Call divert
Call register	Voice mailbox
Messages	Settings

Read telephone menu

 **TEL** -button  should be pressed with NCDR 1500

or:


 button  should be pressed with NCDC 2015.


✓ The telephone menu or details of the last telephone use will be shown. If necessary, press the button again to read the telephone menu.

● The last dialled number or if the number is stored in the phone book, the relevant name will be shown.

Symbols in the header



The following symbols can be shown in the header:

-  maximum signal strength
-  high signal strength
-  average signal strength
-  minimal signal strength
-  no signal strength
-  active call
-  unread short messages
-  microphone switched to mute
-  call barring activated
-  call divert activated

Provider 				
Enter phone number or speed dial location				
Dial: +49123456789_				
1234567890*#+<←→>				
Call <input type="text"/>	Clear			
Save	Return			
19,5 °C	U2-AS	BBC R2	TP	16:30

Dial: +49123456789_				
1234567890*#+<←→>				
Call <input type="text"/>	Save	Clear	Return	


Call


 Enter the telephone number in the telephone menu including the the dialling prefix with the numbered buttons .

✓ After the first number has been entered, the input window will be shown.

  -press  button.

or:


 "Call" should be selected in the command area.


Provider 			
Calling +49123456789			
<input type="text" value="End call"/>			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Calling +49123456789			
<input type="text" value="End call"/>			

- ✓ The number which has been entered will be dialled.
- ✓ As soon as a voice connection is made, the telephone shows a series of options, which can be used during the call, see page 69.

- For special functions in the typewriter, see page 10.
- For international calls press **0** button or ***** button twice or **0** button for a long time for the international access code, e.g 00 (“+” symbol replaces the international access code). Then enter the country code, the area code (leave out the “0”) and the subscribers number.
- To store the number called in the phone book, select “Save” in the command area. For further instructions, see page 80.

Provider 			
+497123456789			
Mute/activate mic			
Edit notebook			
New call			
Send SMS			
<input type="text" value="End call"/>			
19,5 °C	U2-AS	BBC R2	TP 16:30


Provider 			
Mute/activate mic		Send SMS	
Edit notebook		<input type="text" value="End call"/>	
New call			


End call

  -press  button

or:


 Confirm “End call” to end the call.


Provider 				
+49123456789 calling				
Answer		Reject		
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
+49123456789 calling				
Answer		Reject		

Receive call

When a call is received a ringing tone sounds and the name of the caller (if the call number is stored in the phone book), the number calling (if the number is transmitted via the network) or the text "Call " will be displayed.


 Road safety has priority. Do not allow yourself to be distracted from driving by the telephone.


 To receive the call, press the multifunction knob to confirm "Answer" in the command area

or:


  -press **24** button.

- ✓ As soon as a voice connection is made, the telephone shows a series of options, which can be used during the call, see page 69.
- When automatic call receiving is activated a call is received after 3 seconds, see page 94.
- When there are several numbers in the telephone book in which the last seven call digits are made up of the same digits as the number of the caller, only the number of the caller will be shown if this can be determined.

Provider 				
+49123456789 calling				
Answer		Reject		
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
+49123456789 calling				
Answer		Reject		

Reject call


 To reject a call, confirm "Reject" in the command area

or:

  -press **23** button.




- When call divert "When busy" is activated (for example to your mailbox), a rejected call will be diverted. To activate call divert, see page 88.

Adjust volume


The volume is adjusted during a call with the hands free device by means of the knob .

Repeat dial


The ten last dialed numbers are stored in the list of numbers dialed so that these can be called up again:

 When the telephone menu appears  press  button.

✓ A list of the last numbers dialed will be displayed.



 Select a name of number from the list.



✓ Name and/or number to be called will be shown.

 "Call" should be confirmed in the command area

or:

  press  button.


Provider  			
+497123456789			
Mute/activate mic			
Edit notebook			
New call			
Send SMS			
End call <input type="text"/>			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider  			
Mute/activate mic		Send SMS	
Edit notebook		End call	
New call <input type="text"/>			

During a call

The telephone offers a series of options which can be used during a call. Each of the available options are shown in the display. Some of these options are network services.


The following options are available during a call :

- Mute/activate mic.:** Switching the microphone to mute or activating in hands free operation (not possible if the optional handset is used).
- Edit notebook:** Enter the number called into the notebook.
- New call:** Commence a second call, enter the number to be called with the numbered buttons or from the phone book.
- Send SMS:** Send short message.
- Swap:** Switch between two calls (toggle -, the active call will be put on hold and the and the held call will be activated).
- Hands free:** Switch over the call from handset operation  to hands free operation (with the hands free device).
- End call:** To end active call.

Switch microphone to mute


The microphone can be switched to mute during a call in hands free operation.

☞ “Mute/activate mic.” select.

- ✓ When a microphone had been switched to mute the symbol  appears in the header.
- The person to whom you are talking can no longer hear you, but you can hear him or her.

To activate a microphone which is switched to mute

☞ “Mute/activate mic.” should be selected.

- ✓ The symbol  in the header is turned off and the microphone is active.

Notebook

An entry can be made in the notebook during a call.

☞ Select “Edit notebook”.

- ✓ Input window is displayed.

☞ Enter the number called with the numbered buttons.

☞ “Confirm” should be selected in the command area.

- The number you have entered is stored in the notebook and can be transferred later to the phone book.
To store the number from the notebook in the phone book, see page 77.

Carry on second call

During a call, a second call to another party can be made.

☞ “New call” should be selected.

- ✓ Input window is displayed.

☞ Enter the number with the the numbered buttons.

☞  -press  button

or:

“Call” should be selected in the command area.

- ✓ The number to be called is selected. The first call is put on hold.

or:

☞ “List” is to be selected in the command area of the input window, in order to select a number from the phone book.

- ✓ Phone book is displayed.

☞ Select an entry from the phone listing.

- ✓ Name and number are shown.

☞  -press  button

or:


“Call” should be selected in the command area.

- ✓ The number to be called is dialed. The first call is put on hold.


Receive second call

When the call waiting function “Call waiting” is switched on, a second call is shown, see page 93.

A second call is received during a call.

☞  -press **23** button, to receive the call.

✓ The first call will be put on hold.

● In order to reject a second call,
 -press **23** button.

Switching between two calls (Toggle)

☞ “Swap” should be selected.


● The active call is put on hold and the held call is active.


To send a short message

A short message can be sent during a call.

☞ “Send SMS” should be selected.

☞ Writing a short message and send, see page 86.

Provider 			
List			
<input type="text" value="Search"/>			
Add entry			
Notebook			
Speed dials			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
List	Notebook		
Search	Speed dials		
<input type="text" value="Add entry"/>	Return		

Calls from the phone book

☞ “Phone book” should be selected from the telephone menu.

✓ The menu Phone book is displayed.


☞ Select “list” to read the phone book

or:

“Search” should be selected to look up a particular name.

● To make additional entries in the phone book see page 74.

✓ If “search” was selected an input window appears.

Provider 			
Name:			
ABCDEFGHIJKLMNQRSTUUVWXYZÄÖÜ012			
3456789.,!?' Aa ⏪ ⏩			
<input type="text" value="Confirm"/>	Return		
Clear			
19,5 °C	U2-AS	BBC R2	TP 16:30

Name:			
ABCDEFGHIJKLMNQRSTUUVWXYZÄÖÜ			
1234567890*#+ ⏪ ⏩			
<input type="text" value="Call"/>	Save	Clear	Return

☞ Select the first letters of the name and enter with the typewriter and select “Confirm”.


✓ The particular or the next entry in the phone book will be displayed.

☞ Select the desired names with the multi-function knob.

✓ Name and number will be displayed.

☞ “Call” should be selected in the command area

or:

 press **23** button.

✓ The number to be called will be dialled.

● The entries in the phone book are arranged alphabetically.

External handset *

Normally you make calls with the built-in hands free device. Confidential calls can be made with the handset which is supplied as an accessory.

⚠ Road safety always has priority!
Do not use the handset when driving. Do not allow yourself to be distracted when driving. Stop the vehicle if possible in a safe place or ask a passenger to operate the telephone. Be sure to observe the local regulations regarding the use of mobile phones.


- When the telephone menu is displayed, after lifting off the handset *, the list with the selected numbers is displayed.


Receive call

☞ Pick up the handset.

End call

☞ Put down hand set.

Provider 				
+497123456789				
Hands-free				
Edit notebook				
New call				
Send SMS				
End call				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Hands-free				
Send SMS				
Edit notebook				
End call				
New call				

Switch over from handset operation to hands free operation


- ☞ Select "Hands free" option.
- ☞ Replace the handset within 15 seconds.


Switching over from handsfree operation to handset operation

- ☞ Pick up hand set.
- The call can be carried on with the hand set.

Adjust volume on handset

- ☞ Set the desired volume level with the side knurled wheel.
- This setting does not affect the volume of the hands free operation.

Provider 				
You have 1 missed call.				
Call				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
You have 1 missed call.				
Call				
Return				

Missed calls

Missed calls are shown in the display.

☞ To call back, select "Call" in the command area.

or:

If several calls are have come in :

- ☞ "List" should be confirmed in the command area.
- ✓ List with the numbers of missed callers will be displayed, see page 79.
- Only those missed callers whose numbers were transmitted will be shown in the list.

Call voice mailbox

Most mobile phone network operators and service providers offer their customers the facility of a personal call answering service (voice mailbox). To activate this see page 88.

The voice mailbox provides information by a short message or through a call, if a new voice message comes in, e.g., when the telephone is switched on again.

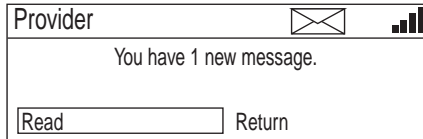
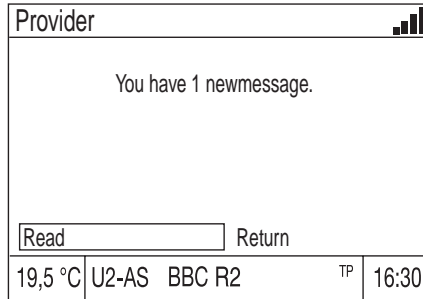
☞ When the telephone menu is displayed, press the numbered button **1** until the call is initiated

or:

☞ “Voice mailbox” should be selected from the telephone menu.

✓ The telephone dials the number of your voice mailbox.

● If the number of your voice mailbox is not yet stored, see page 87.



Read new short messages

The entering of short message will be read on the screen and a signal tone will be sounded. For short message signal tone, see page 92.

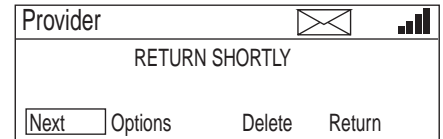
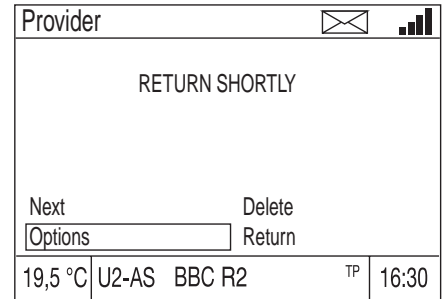
☞ “Read” should be confirmed in the command area

or:

When several messages have come in :

☞ “List” should be confirmed in the command area.


✓ A list of the incoming messages will be displayed on the screen.




☞ “Next” should be selected in the command area to show the next page.

☞ “Return” should be selected to reverse the list.

● To read messages see page 84.

Provider 	
+497311234567	
Phone book	
Call register	
Messages	
Call divert	
Voice mailbox	
Settings	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
Phone book	Call divert
Call register	Voice mailbox
Messages	Settings

Telephone Menu

The telephone menu is the start page for all of the following submenus:

- Phone book,
- Call lists,
- Messages,
- Call divert,
- Voice mailbox (to call),
- Settings.

The menu functions and options are described on the following pages.


Phone book


Phone numbers and the related names in the phone book are stored on your SIM card.

The telephone supports SIM cards, which can store up to 250 numbers (up to a maximum of 30 digits) and names (up to a maximum of 30 characters long). The length and the number of storable numbers and names can be different according to the type of SIM card.

☞ “Phone book” should be selected from the telephone menu.

✓ Menu “Phone book” is displayed.

Provider 	
List	
Search	
Add entry	
Notebook	
Speed dials	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
List	Notebook
Search	Speed dials
Add entry	Return

To make an additional entry in the phone book

☞ “Add entry” from the menu “Phone book” should be selected.


✓ The input window for entering names will be shown.

☞ Enter the names with the typewriter and confirm.

✓ The input window for entering names will be shown.




☞ Enter phone number and confirm (when necessary with the international access code(+) and country code, area code and subscriber’s number).


✓ The list of numbers with the new entry will be displayed.

Provider 			
Enter phone number or speed dial location Dial: +49123456789_ 1234567890*#+↔↔↔↔			
Call <input type="text"/>	Clear		
Save	Return		
19,5 °C	U2-AS	BBC R2	TP 16:30





Dial: +49123456789_ 1234567890*#+↔↔↔↔			
Call	<input type="text"/>	Clear	Return

To quickly store a number

-  When the telephone menu is displayed enter the phone number.
- ✓ After entry of the first digit the input window will be displayed.
-  "Save" should be selected in the command area.
- ✓ Input window for entering a name will be displayed.
-  Enter the name with the typewriter and confirm.
- ✓ Input window for entering a phone number will be displayed. The phone number which has already been entered will be displayed.



 Confirm the phone number.


- ✓ Storage confirmation will be displayed and finally the list of phone numbers with the new entry.
- Upon selecting an entry, a call will be immediately initiated.


Provider 			
<input type="text"/> (3/30)			
Return			
Dunstable			
High Street North			
Queensway			
19,5 °C	U2-AS	BBC R2	TP 16:30

Return			
<input type="text"/> (3/30)			

To read entries from the phone book


-  Select "List" Phone book from the menu.
- ✓ Entries are read in alphabetical order.
-  Turn the multi-function knob to browse through the list.

Provider 			
List			
Search <input type="text"/>			
Add entry			
Notebook			
Speed dials			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 	
List	Notebook
Search	Speed dials
Add entry <input type="text"/>	Return

To search for a name and phone number


- ☞ “Search” select Phone book from the menu.
- ✓ Input window will be displayed for entering a name.
- ☞ Enter the first letters of the name(s) you are seeking with the typewriter.
- Take both small and capital letters into account.
- ☞ “Confirm” should be selected in the command area.
- ✓ The relevant or the closest entry in the phone book is displayed.

Provider 			
Name: <input type="text"/> Service			
Number: 2424			
Call			
Delete			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Name: <input type="text"/>	
No:	+49123456789
Call	Return
Delete	

To alter entries


- ☞ Select the desired entry from the phone.
- ✓ Name and phone number of the entry will be displayed.
- ☞ Select the name and or phone number in order to alter the entry.
- ✓ Input window for altering names or phone numbers will be displayed.
- ☞ Alter names or phone numbers with the typewriter.
- ☞ Select “Confirm” in the command area.


Provider 			
Name: Service			
Number: 2424			
Call			
Delete <input type="text"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Name:	
No:	+49123456789
Call	Return
Delete <input type="text"/>	

To delete an entry

- ☞ Select the required entry from the phone book.
- ✓ Name and phone number of the entry will be displayed.
- ☞ Select “Delete” in the command area.
- ✓ Confirmation request will be displayed.
- ☞ Select “Yes” in the command area.
- ✓ Entry is deleted.




Provider 			
Note: +049998877665			
Call <input type="text"/>			
Save			
Delete			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30


Provider 	
Note:	+0499988877665
Call <input type="text"/>	Delete
Save	Return


To read the notebook

A phone number can be stored in the notebook during a call, see page 69.



Calls from the notebook


-  "Note book" should be selected from the Phone book menu.
- ✓ The number to be called will be displayed.
-   -press **2*** button or select "Call" in the command area.
- ✓ The number will be dialled.


Provider 			
Note: +049998877665			
Call			
Save <input type="text"/>			
Delete			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 	
Note:	+0499988877665
Call <input type="text"/>	Delete
Save <input type="text"/>	Return



To store a number from the notebook in the phone book.

-  Select "Note book" from the Phone book menu.
- ✓ The phone number will be displayed.
-  Select "Save" in the command area to store the phone number in the phone book.
- To make additional entries in the phone book see Page 74.

Provider 			
Note: +049998877665			
Call			
Save			
Delete <input type="text"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 	
Note:	+0499988877665
Call	Delete <input type="text"/>
Save	Return

To delete notebook

-  "Note book" from the Phone book menu.
- ✓ The phone number will be shown.
-  Select "Delete" in the command area to delete the phone number.
- The notebook will also be deleted, if the telephone is switched off or if another SIM card is inserted.

Provider					
					(1/8)
Return			▲		
2:					■
3:					
4:					
5:					
6:					▼
19,5 °C	U2-AS	BBC R2	TP	16:30	

Return		▲		
2:				■
3:				
4:				
(1/8)				▼

Speed dials

The numbered buttons **2** to **9** can be set for speed dialing. To be able to do this, the required button must be assigned to a phone number from the phone book.

To assign a phone number to a button

- ☞ Select "Speed dials" from the "Phone book" menu.
- ✓ The speed dial list will be displayed.
- ☞ Select a speed dial number which has not been entered.

- ✓ The phone book will be displayed.
- ☞ Select a name from the phone book.
- ✓ The speed dial list with the new name entered will be displayed.
- The number shown in front of the name is the respective speed dial number.

To initiate speed dial

- ☞ Press the required numbered buttons **2** to **9** until the call is initiated

or:

- ☞ Enter the speed dial number.
- ✓ The input window will be displayed.
- ☞ Select "Call" in the command area or:
☞ -press button.
- ✓ The number which is assigned to the numbered button will be dialled.

Provider					
Key 2:		Number: +49123456789			
Call			▲		
Change					
Delete					
Return			▼		
19,5 °C	U2-AS	BBC R2	TP	16:30	

Key 2:		Number: +49123456789			
Call			Delete		
Change			Return		

To show details of an entry

- ☞ Select "Speed dials" from the Phone book menu.
- ✓ The speed dial list will be shown.
- ☞ Select the speed dial number with the entry.
- ✓ Details of the entry will be displayed.
- ☞ Select "Call" to make a call

or:


☞ Select “Change” to search for another name


or:

☞ Select “Delete” to delete the assigned entry

or:

☞ Select “Return” to display the speed dial list again.


Provider 				
Missed calls				
Dialled calls				
Received calls				
Delete call lists				
Call duration				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 	
Missed calls	Delete call lists
Dialled calls	Call duration
Received calls	Return

Call lists

☞ Select “Call lists” from Telephone menu.


- ✓ The Call lists menu is displayed.
- The “Missed calls” list saves the last ten numbers of subscribers that have called in your absence.
- The “Dialled calls” list saves the last ten numbers dialled.
- The “Received calls” list saves the numbers of the last ten answered calls.

Provider 				
				(1/8)
Return				▲
+4912345678				■
+41987654321				▼
19,5 °C	U2-AS	BBC R2	TP	16:30

Return		▲
(1/8)		■
+49123456789		▼

- With “Delete call register” the call lists can be deleted individually or all together.
- With “Call duration” the times of various calls can be displayed.
- ☞ Select one of the call lists (Missed calls, Dialled calls, Received calls) from the “Call lists” menu.
- ✓ The selected register is displayed if available.

- The telephone saves the calls while absent and answered calls only when the network supports the service for caller identification and the telephone is switched on and located within the network.
- If the number is saved in the directory (telephone book), the name is displayed. In the process the last seven digits of the number are compared. If several name entries are contained in the directory for which the last seven number digits are identical to those of the caller's number, only the number of the caller is saved if it can be determined.



Provider 				
Missed:				
Time: 21. Jan. 2000, 12:22:22				
Call <input type="text"/>				
Change				
Delete				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Missed:	
"Date, time":	02.05.2000, 12:22:22
Call <input type="text"/>	Delete
Save	Return

Display entry in a call list


- ☞ Select an entry from the list.
- ✓ The details of the entry are displayed.

Calling from a call list

- ☞ Select one of the call lists (Missed calls, Dialed calls, Received calls).
- ✓ The selected list is displayed.
- ☞ Select an entry from the list.
- ✓ Details of the entry are displayed.
- ☞ Press the  button 

or:


- Select "Call" in the command field.
- ✓ The number is dialed.

Provider 				
Missed: +49123456789				
Time: 21. Jan. 2000, 14:22:44				
Call				
Save <input type="text"/>				
Delete				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Missed:		+491234567890		
"Date, time":	02.05.2000, 14:22:44			
Call	Delete			
Save <input type="text"/>	Return			





Add a number from a call list to the directory


- ☞ Select one of the call lists (Missed calls, Dialed calls, Received calls).
- ✓ The selected list is displayed.
- ☞ Select a number from the list.
- ✓ Details of the entry are displayed.
- ☞ Select "Save" in the command field.
- Add entries to the directory, see page 74.


Provider 			
Missed: +49123456789			
Time: 21. Jan. 2000, 14:22:44			
Call			
Save			
<input type="text" value="Delete"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Missed:	+491234567890
"Date, time":	02.05.2000, 14:22:44
Call	<input type="text" value="Delete"/>
Save	Return




Delete an entry from a call list


-  Select one of the call lists (Missed calls, Dialed calls, Received calls).
- ✓ The selected list is displayed.
-  Select an entry from the list.
- ✓ Details of the entry are displayed.
-  Select "Delete" in the command field.
- ✓ Confirmation prompt is displayed.
-  Select "Yes" in the command field.
- ✓ Entry is deleted.


Provider 			
Missed calls			
Dialed calls			
Received calls			
<input type="text" value="Delete call lists"/>			
Call duration			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Missed calls	<input type="text" value="Delete call lists"/>		
Dialed calls	Call duration		
Received calls	Return		



Delete call lists


-  Select "Delete call register" from the Call lists menu.
- ✓ The Delete call register menu is displayed.
-  Select one of the call lists (Missed calls, Dialed calls, Received calls)
- or:
- Select "All calls" (deletes all three call lists).
- ✓ Confirmation prompt is displayed.
-  Select "Yes" in the command field.
- When a new SIM card is inserted that is not registered by the telephone, the call lists are also deleted.


Provider 			
<input type="text" value="Last call duration"/>			
Dialed calls duration			
Received calls duration			
All calls duration			
Call duration settings			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
<input type="text" value="Last call duration"/>	All calls duration		
Dialed call duration	Call duration settings		
Received calls dur.	Return		



Display call duration


-  Select "Call duration" from the Call lists menu.
- ✓ The Call duration menu is displayed.
-  Select one of the offered lists (Last call duration, Dialed calls duration, Received calls duration).
- ✓ The approximate duration of the selected counter is displayed in hours, minutes and seconds.
- Inserting a new SIM card does not delete the call times.
- Depending on the network, the time listed in the bill may differ from the displayed time.


Provider 			
Max. call dur.: 0 min			
Dialled calls	<input type="checkbox"/>		
Received calls	<input type="checkbox"/>		
Reset timers			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30



Provider 			
Max. dur.: 0 Min.	<input type="checkbox"/>	Reset timers	
Dialled calls	<input type="checkbox"/>	Return	
Received calls	<input type="checkbox"/>		


Specify call duration limit


-  Select "Call duration settings" from the Call duration menu.
- ✓ An input window for entering the security code is displayed.
-  Enter security code and confirm.
- ✓ The Call duration settings menu is displayed.
- For a description of the access codes, see page 112. To change access codes, see page 101.
- No call duration limitation is activated at the factory.


Provider 			
Max. call dur.: 99 min			
Dialled calls	<input type="checkbox"/>		
Received calls	<input type="checkbox"/>		
Reset timers			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30


Provider 			
Max. dur.: 99 Min.	<input type="checkbox"/>	Reset timers	
Dialled calls	<input type="checkbox"/>	Return	
Received calls	<input type="checkbox"/>		


-  Select "Max. call duration: 0 Min."
- ✓ Input window is displayed.
-  Enter a new time with the number buttons (maximum of 99 minutes) and select "Confirm" in the command field.
- ✓ The Call duration settings menu with the changed time is displayed.
- The set call duration limitation first becomes effective when the corresponding function "Dialled calls" and/or "Received calls" is/are activated.

Provider 			
Max. call dur.: 99 min			
Dialled calls	<input type="checkbox"/>		
Received calls	<input type="checkbox"/>		
Reset timers			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30





Provider 			
Max. dur.: 99 Min.	<input type="checkbox"/>	Reset timers	
Dialled calls	<input type="checkbox"/>	Return	
Received calls	<input type="checkbox"/>		


-  Select "Dialled calls" or "Received calls" to activate or deactivate the settings.
- An activated function is indicated with a marked field behind the menu item.
- The specification of a call duration can limit or prevent communication to the OnStar service*.


Provider 				
Max. call dur.: 99 min				
Dialled calls				<input checked="" type="checkbox"/>
Received calls				<input type="checkbox"/>
Reset timers				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Max. dur.: 99 Min.				Reset timers
Dialled calls				<input checked="" type="checkbox"/> Return
Received calls				<input type="checkbox"/>

Reset time counter

-  Select "Reset timers" from the Call duration settings menu.
-  Confirmation prompt is displayed.
-  Select "Yes" in the command field.
-  The time counter is reset.

Provider 				
0 unread messages				
Received messages				
Own messages				
Write message				
Message settings				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Received messages		Message settings		
Own message		Return		
Write message				



Messages

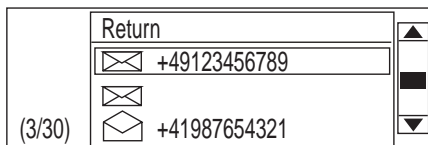
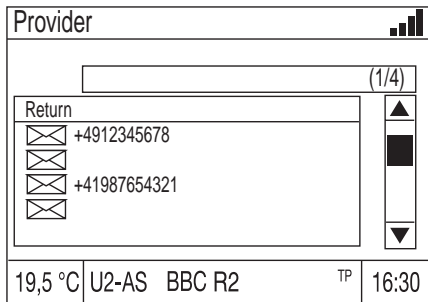
Short messages can be transmitted and received with this telephone function. Short messages are alphanumeric text messages sent individually to your telephone.

Short messages up to a length of 160 characters can be displayed and entered.



Before short messages can be sent, the number of the message centre must be saved in the telephone. It is provided by the network operator or service provider. To save the number of the message centre, see page 87.

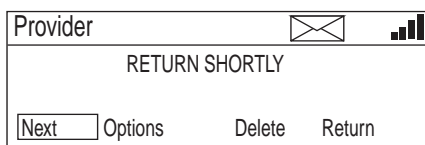
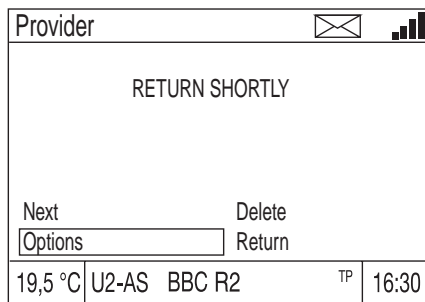
The memory capacity of an SIM card is dependent on the respective card type.

-  Select "Messages" from Telephone menu.
-  The Messages menu is displayed:
- The "Received messages" list saves the received messages,
- The "Own messages" list saves the messages you enter yourself,
- "Write message" is used to enter and send messages,
- The number for the voice mailbox and the message centre is entered with "Message settings". In addition, the storage time of a message is specified in the network if it was not possible to deliver the message.

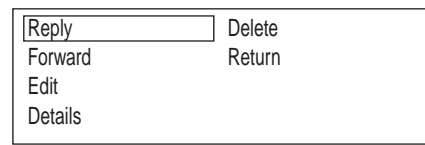
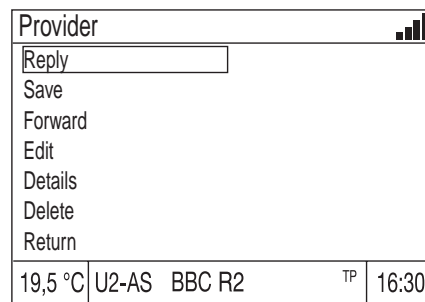


Read messages

- ☞ Select “Received messages” or “Own messages” from the “Messages” menu.
- ✓ The message list is displayed.
- Depending on the selection, the display shows a list with received or saved messages. The latest message is at the top of the list.
- A letter symbol  indicates unread entries, and an opened letter symbol  indicates read entries. A message with the name “Own message” indicates a saved message.




- ☞ Select a message from the list.
- ✓ The message text is displayed (e.g. “Return Shortly”).
- ☞ “Next” in the command field.
- ✓ The next page of the message is displayed.
- ☞ Select “Delete” in the command field to delete the message.
- or:
- ☞ Select “Options” in the command field to display the options.
- ✓ The options for a message are displayed.






Answer message


- ☞ Select “Answer” from Options.
- ✓ The input window for messages is displayed.
- ☞ Enter a message with the typewriter, see page 66.
- ☞ Select “Confirm” in the command field.
- For additional information, see page 86.

Provider 				
Reply				
Save				
Forward <input type="text"/>				
Edit				
Details				
Delete				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Reply	Delete
Forward <input type="text"/>	Return
Edit	
Details	




Forward message


-  Select "Forward" from Options.
- ✓ The input window for messages is displayed.
-  If necessary, change the message with the typewriter.
-  Select "Confirm" in the command field.
- To enter and send messages, see page 86.

Provider 				
Reply				
Save				
Forward				
Edit <input type="text"/>				
Details				
Delete				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Reply	Delete
Forward	Return
Edit <input type="text"/>	
Details	


Edit message


-  Select "Edit" from Options.
- ✓ The input window for messages is displayed.
-  Edit message with the typewriter.
-  Select "Confirm" in the command field.
- ✓ For additional information, see page 86.

Provider 				
Reply				
Save				
Forward				
Edit				
Details <input type="text"/>				
Delete				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Reply	Delete
Forward	Return
Edit	
Details <input type="text"/>	

Display details

-  Select "Details" from Options.
- ✓ The name or number of the sender, date/time the message was sent and the number of the message centre are displayed.
- If it is your own message, no number or message centre appears.

Provider 				
Reply				
Save				
Forward				
Edit				
Details				
Delete <input type="text"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Reply	Delete <input type="text"/>
Forward	Return
Edit	
Details	

Delete messages

 Select "Delete" from Options.

or:


Select "Delete" in the command field while reading the message.


✓ Confirmation prompt is displayed.

 Select "Yes" in the command field.


✓ Confirmation page is displayed.

● If "Not enough memory to save the messages Some messages need to be deleted from own messages folder" is displayed, please delete old messages to make room for newly received arriving messages.

Provider 				
1 unread message				
Received messages				
Own messages				
Write message <input type="text"/>				
Message settings				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Received messages		Message settings		
Own messages		Return		
Write message <input type="text"/>				


Enter and send message


 Select "Messages" from Telephone menu.


✓ The Messages menu is displayed.


 Select "Write message".

✓ The input window for messages is displayed.

 Enter messages with the typewriter. To enter letters, see page 10.


 Select "Confirm" in the command field.

Provider 				
Send <input type="text"/>				
Save				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Send <input type="text"/>				
Save				
Return				

 Select "Send".


✓ The input window for numbers is displayed.


 Enter the number and select "Confirm" in the command field

or:


Select "List" in the command field of the input window and select a number from the directory.


✓ The telephone sends the message and a confirmation is displayed.

Provider 			
Send			
Save			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Send			
Save			
Return			



Save message

-  Select "Save".
- Confirmation page is displayed. The message is saved in the "Own messages" list.

Provider 			
Voice mailbox number			
Message centre number			
Validity: 24h			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30



Voice mailbox number			
Message centre number			
Validity: 24h			
Return			

Make message settings

-  Select "Messages" from Telephone menu.
- ✓ The Messages menu is displayed.
-  Select "Message settings".
- ✓ The Message settings menu is displayed.



Save number of voice mailbox

This number is provided by the network operator or service provider.

-  Select "No. of the voice mailbox" from the Message settings menu.
- ✓ Input window is displayed.
-  Enter the number of the voice mailbox and confirm.

Save number of message centre



This number is required for sending and receiving text messages. Additional information is provided by the network operator or service provider.


-  Select "No. of the centre" from the "Message settings" menu.
- ✓ Input window is displayed.
-  Enter the number of the message centre, overwrite if necessary and confirm.


Change validity for messages

The short message is saved in the message centre if the recipient is not reached.

Set duration of storage:




-  Select "Validity:" from the Message settings menu.
-  Select one of the displayed times (1 hour, 6 hours, 24 hours, 3 days or 1 week).


Provider 	
<input type="text" value="All calls without ringing"/>	
When busy	
When not answered	
When unreachable	
Cancel all divers	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30


Provider 	
<input type="text" value="All calls"/>	When unreachable
When busy	Cancel all divers
When not answered	Return

Call divert








This network service forwards incoming calls to the voice mailbox or to another telephone number.


-  Select "Call divert" from Telephone menu.
-  The Call divert menu is displayed.
-  Select a call divert:
 - All calls without ringing,
 - If engaged,
 - When not answered,
 - When unreachable (telephone is outside range of station network or switched off or no SIM card is inserted).
 - Cancel all divers, see page 90.


Provider 	
<input type="text" value="Activate"/>	
Cancel	
Status	
Set delay	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
<input type="text" value="Activate"/>	Set delay
Cancel	Return
Status	

Activate call divert

-  Select "Activate".
-  Confirmation page is displayed when the OnStar service * is present.
-  Select "Yes".
-  The network request is carried out and the call divert is confirmed. With call divert "All calls, without ringing" the symbol  is displayed.
-  Call divers can impair the OnStar service *.
-  "Set delay" is displayed when "When not answered" has been selected. Specify delay for call divert, see page 89.

Provider 			
Voice mailbox			
Other number			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Voice mailbox			
Other number			
Return			

☞ Select “Voice mailbox”.

or:

☞ Select “Other number”.

✓ The input page for numbers is displayed.


☞ Enter the number and select “Confirm”

or:

Select “Search” to select a number from the directory.

✓ A confirmation is displayed.

● If call divert “When busy” is activated, a rejected call will also be diverted.

Provider 			
(1/6)			
Return			
5 seconds			
10 seconds			
15 seconds			
20 seconds			
25 seconds			
19,5 °C	U2-AS	BBC R2	TP 16:30

Return			
5 seconds			
10 seconds			
15 seconds			
(1/6)			


Specify delay for call divert


The delay for the call divert “When not answered” is set. The new setting is used when a new call divert is established.

☞ Select “Set delay”.

☞ Select time (between 5 and 30 seconds) in which the call is to be diverted if it is not answered.

● Confirmation page is displayed.

Provider 			
Activate			
Cancel			
Status			
Set delay			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Activate		Set delay	
Cancel		Return	
Status			

Deactivate a call divert

☞ Select a call divert from the Call divert menu:

All calls without ringing,


If engaged,


When not answered,

When unreachable (telephone is switched off or outside of range of the station network or no SIM card is inserted).


☞ Select “Cancel”.


✓ A confirmation is displayed.


Provider 				
All calls without ringing				
When busy				
When not answered				
When unreachable				
<input type="text" value="Cancel all diverts"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
All calls		When unreachable		
When busy		<input type="text" value="Cancel all diverts"/>		
When not answered		Return		



Deactivate all call diverts


-  Select "Cancel all diverts" from the Call divert menu.
- ✓ A confirmation is displayed.


Provider 				
Activate				
Cancel				
<input type="text" value="Status"/>				
Set delay				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Activate		Set delay		
Cancel		Return		
<input type="text" value="Status"/>				


Display status of a call divert


-  Select a call divert from the Call divert menu:
 - All calls without ringing,
 - If engaged,
 - When not answered,
 - When unreachable (telephone is switched off or outside of range of the station network or no SIM card is inserted).
-  Select "Status".
- ✓ The status of the call divert is displayed.


Provider 				
<input type="text" value="Phone settings"/>				
Call settings				
Network selection				
Security settings				
Restore phone defaults				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Phone settings		Security settings		
<input type="text" value="Call settings"/>		Phone defaults		
Network selection		Return		


Settings


-  Select "Settings" from Telephone menu.
- ✓ The Settings menu is displayed.


Provider 	
Incoming call alert	
Message alert tone	<input checked="" type="checkbox"/>
Autom. lang. selection	<input type="checkbox"/>
PIN storage	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
Incoming call	PIN storage
Message alert	<input checked="" type="checkbox"/> Return
Autom. lang. sel	<input type="checkbox"/>

Display telephone settings




-  Select "Telephone settings" from the Settings menu.
- ✓ The Telephone settings menu is displayed.
- An activated function is indicated with a marked field behind the menu item.

Provider 	
Ringing tone	
Ringing	<input checked="" type="checkbox"/>
Ring once	<input type="checkbox"/>
Beep once	<input type="checkbox"/>
Return	
19,5 °C	U2-AS BBC R2 TP 16:30


Provider 	
Ringing tone	Beep once <input type="checkbox"/>
Ringing	<input checked="" type="checkbox"/> Return
Ring once	<input type="checkbox"/>


Select ringing tone


The ringing for an incoming voice call is selected that is used for the setting "Ringing" and "Ring once".

-  Select "Incoming call" from the Telephone settings menu.
-  Select "Ringing tone".
- ✓ A list of the different ringing tones is displayed.
-  Select a ringing tone.
- ✓ The selected ringing tone sounds.

Select call signalling

-  Select one of the following:
 - Ringing,
 - Ring once,
 - Single tone (only a short tone sounds).
- An activated function is indicated with a marked field behind the menu item.


Provider 	
Incoming call alert	
Message alert tone	<input checked="" type="checkbox"/>
Autom. lang. selection	<input type="checkbox"/>
PIN storage	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30


Provider 	
Incoming call	PIN storage
Message alert	<input checked="" type="checkbox"/> Return
Autom. lang. sel	<input type="checkbox"/>

Short-message signal tone

The signal for an incoming short message is set.

- ☞ Select “Settings” from Telephone menu.
- ✓ The settings menu is displayed.
- ☞ Select “Telephone settings” from the Settings menu.
- ✓ The Telephone settings menu is displayed.
- ☞ Select “Message alert tone” from the Telephone settings menu to activate or deactivate the settings.
- An activated function is indicated with a marked field behind the menu item.

Provider 	
Incoming call alert	
Message alert tone	<input type="checkbox"/>
Autom. lang. selection	<input checked="" type="checkbox"/>
PIN storage	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
Incoming call	PIN storage
Message alert	<input type="checkbox"/> Return
Autom. lang. sel	<input checked="" type="checkbox"/>


Automatic language selection


The language for text displays of the Infotainment system can be set manually from the on-board computer setting menu, see page 39.

With automatic language selection, the set language is dependent on the SIM card:

- ☞ Select “Settings” from Telephone menu.
- ✓ The settings menu is displayed.
- ☞ Select “Telephone settings”.
- ✓ The Telephone settings menu is displayed.
- ☞ Select “Autom. language selection” to activate or deactivate the function.



- An activated function is indicated with a marked field behind the menu item.
- If the system does not support the language selection of the SIM card, the previously set language is retained. Set the language of the text displays of the Infotainment system, see page 39.


Provider 	
Incoming call alert	
Message alert tone	<input type="checkbox"/>
Autom. lang. selection	<input checked="" type="checkbox"/>
PIN storage	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30


Provider 	
Incoming call	PIN storage
Message alert	<input checked="" type="checkbox"/> Return
Autom. lang. sel	<input type="checkbox"/>

Set PIN code delete delay



The PIN code of the SIM card can still be saved for a certain time after switching off the Infotainment system. This means the PIN code need not be re-entered after switching on the Infotainment system within this time. The preset time is 10 minutes.


-  Select "PIN-storage" from the Telephone settings menu.
-  Select a time between 0 and 60 minutes from the offered list.
- The telephone settings menu is displayed.
- The PIN code is not saved when the SIM card is removed.


Provider 	
Call waiting	
Own number sending	<input checked="" type="checkbox"/>
Automatic answer	<input type="checkbox"/>
Return	
19,5 °C	U2-AS BBC R2 TP 16:30

Provider 	
Call waiting	Return
Own no. sending	<input checked="" type="checkbox"/>
Automatic answer	<input type="checkbox"/>

Call settings



-  Select "Settings" from Telephone menu.
- The Settings menu is displayed.
-  Select "Call settings" from the Settings menu.
- The Call settings menu is displayed.
- An activated function is indicated with a marked field behind the menu item.


Provider 	
Activate	
Cancel	
Status	
Return	
19,5 °C	U2-AS BBC R2 TP 16:30


Provider 	
Activate	Return
Cancel	
Status	

Switch on call waiting

If this network service is activated, an incoming second call is displayed during a call.

-  Select "Call waiting" from the Call settings menu.
- The Call waiting menu is displayed.
-  Select "Activate", "Cancel" or "Status" (to display the status of the call waiting function).
- A confirmation or the current status is displayed.
- If the network service call waiting is deactivated, no second call is displayed. The caller hears the engaged tone or is diverted if a call divert is activated.


Provider 			
Call waiting			
Own number sending <input checked="" type="checkbox"/>			
Automatic answer <input type="checkbox"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30


Provider 			
Call waiting		Return	
Own no. sending <input checked="" type="checkbox"/>			
Automatic answer <input type="checkbox"/>			

Send own number

If this network service is activated, your own number can be displayed to the other subscriber during a call.

- ☞ Select “Own no. sending” from the Call settings menu to activate or deactivate the function.
- An activated function is indicated with a marked field behind the menu item.
- The initial setting of this service is dependent on the respective network operator or service provider.
- To ensure the operation of the OnStar service, this service must be activated.


Provider 			
Call waiting			
Own number sending <input checked="" type="checkbox"/>			
Automatic answer <input checked="" type="checkbox"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30


Provider 			
Call waiting		Return	
Own no. sending <input checked="" type="checkbox"/>			
Automatic answer <input checked="" type="checkbox"/>			

Answer call automatically

If this function is activated, calls are automatically answered after approx. 3 seconds. During a call, another call is not automatically answered.

- ☞ Select “Automatically answered” from the Call settings menu to activate or deactivate the function.
- An activated function is indicated with a marked field behind the menu item.
- This function is only possible with the ignition on and the telephone switched on.

Provider 			
Automatic <input checked="" type="checkbox"/>			
Manual-automatic <input type="checkbox"/>			
Manual <input type="checkbox"/>			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Automatic <input checked="" type="checkbox"/>		Return	
Manual-automatic <input type="checkbox"/>			
Manual <input type="checkbox"/>			

Select network

- ☞ Select “Network selection” from the Settings menu.
- ✓ The Network selection menu is displayed.
- ☞ Select “Automatic”, “Manual-automatic” or “Manual”.
- An activated function is indicated with a marked field behind the menu item.
- Ask the network operator or the service provider about the availability and mode of operation of the services in other networks.

Automatic network selection

The telephone automatically selects one of the available networks. The selection sequence is: Home network, other permitted network.

Manual-automatic network selection

The telephone shows a list of available networks for selection. Select desired network.


If the selected network is not permitted or is no longer available, another permitted network is automatically selected. If the selected network is available again, the telephone switches over to this network again.


Manual network selection

The telephone shows a list of available networks for selection. Select desired network. Select another network when “No access to network” is displayed.

If the selected network is no longer available, you will be requested to select another network from the list of available networks.

- If the selected network is no longer available, no connection to the OnStar centre * is possible.

Provider 			
Fixed dialling			
Call barring			
Access code request			
Change access codes			
Show IMEI			
Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Fixed dialling		Change access codes	
Call barring		Show IMEI	
Access code request			

Security settings

The telephone is equipped with an extensive security system to prevent misuse of the telephone or the SIM card.


- ☞ Select “Settings” from Telephone menu.
- ✓ The Settings menu is displayed.
- ☞ Select “Security settings” from the Settings menu.
- ✓ The Security settings menu is displayed.


Activate fixed dialling list





With the fixed dialling list activated, only specified telephone numbers and services can be selected. The permitted numbers are saved in the fixed dialling list. The number of each outgoing call is checked for permissibility.

The SIM card must be prepared for this function. Additional information is provided by the network operator or service provider.


- The PIN2 code is required to activate or deactivate the fixed dialling list, and to add, delete or change numbers.
- With the fixed dialling list activated, only the numbers of the fixed dialling list can be dialled.
- The telephone accepts only numbers that match an entry in the fixed dialling list for all calls. This includes short messages and the voice mailbox.
- If the fixed dialling list is activated, the connection to the OnStar service * cannot be established.


Provider 				
Fixed dialling <input checked="" type="checkbox"/>				
List				
Search				
Add entry				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Fixed dialling <input checked="" type="checkbox"/> Add entry				
List Return				
Search				





-  Select "Fixed dialling" from the Security settings menu.
- ✓ The Fixed dialling menu is displayed.
-  Select "Fixed dial list" to activate or deactivate the function.
- ✓ Confirmation prompt is displayed when the OnStar service * is present.
-  Select "Yes" in the command field.
- ✓ The PIN2 code input window is displayed.
-  Enter the PIN2 code and confirm.
- ✓ The setting has been changed.

- An activated function is indicated with a marked field behind the menu item.
- Even with the fixed dialling list activated, it may be possible to call certain emergency numbers (e.g. 112 or other official emergency numbers) in some networks.

Provider 				
Fixed dialling <input checked="" type="checkbox"/>				
List				
Search				
Add entry <input type="text"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Fixed dialling <input checked="" type="checkbox"/> Add entry <input type="text"/>				
List Return				
Search				


Add entry to fixed dialling list


-  Select "Add entry" from the Fixed dialling menu.
- ✓ The PIN2 code input window is displayed.
-  Enter the PIN2 code and confirm.
- ✓ The input window for name is displayed.
-  Enter a name with the typewriter, see page 10.
-  Confirm name.
- ✓ The input window for numbers is displayed.

- ☞ Enter number with the number buttons.
- ☞ Confirm number.
- ✓ Saving is confirmed, then the fixed dialling list is displayed.
- When “+” is entered before the country code, it is possible to use the numbers in foreign countries.
- Use the typewriter to enter a placeholder (α), e.g. 012345ααα.

Use placeholder

It is possible to save numbers in the fixed dialling list in which placeholders (α) are entered for numbers. If a number with placeholders is displayed, each placeholder must be replaced with a number before calling.

Provider 				
Fixed dialling <input checked="" type="checkbox"/>				
List <input type="text"/>				
Search				
Add entry				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Fixed dialling <input checked="" type="checkbox"/> Add entry				
List <input type="text"/> Return				
Search				

Display fixed dialling list

- ☞ Select “List” from the Fixed dialling menu.
- ✓ The entries of the fixed dialling list are displayed in alphabetical order.
- Select the desired entry.

Edit entries

- ☞ Select “List” from the Fixed dialling menu.
- ✓ The fixed dialling list is displayed in alphabetical order.
- ☞ Select the desired entry.
- ✓ The name and number are displayed.
- ☞ Select “Name” or “Number”.
- ✓ The PIN2 code input window is displayed.
- ☞ Enter the PIN2 code and confirm.
- ✓ The input window for name or number is displayed.
- ☞ Edit name or number and confirm.
- ✓ The changed entry is displayed.



Delete entries

- ☞ Select "List" from the Fixed dialling menu.
- ✓ The fixed dialling list is displayed in alphabetical order.
- ☞ Select the desired entry.
- ✓ The name and number are displayed.
- ☞ Select "Delete".
- ✓ The PIN2 code input window is displayed.
- ☞ Enter the PIN2 code and confirm.
- ✓ Confirmation page is displayed.
- ☞ Select "Yes" in the command field.
- ✓ Confirmation page is displayed.

Find entries

- ☞ Select "Search" from the Fixed dialling menu.
- ✓ Input window is displayed.
- ☞ Enter the first letter(s) of the name to be found and confirm.
- ✓ The matching or the next entry is displayed in alphabetical order.


Calls from the fixed dialling list


- ☞ Select "Fixed dial list" from the Telephone menu.
- or:
- ☞ Select "List" from the Fixed dialling menu.
- ✓ The names saved in the fixed dialling list are displayed in alphabetical order.
- ☞ Select name from the list.
- ✓ The name and number are displayed.
- ☞ Select "Call" in the command field
- or:
- ☞ Press the  button **11**.
- ☞ Replace the missing numbers with placeholders (α) if necessary and press the  button **11** again.
- ✓ The number is dialled.

Speed dialling with activated fixed dialling list

To retain the speed dialling function even with the fixed dialling list activated, please observe the following:

- ❑ First add the desired numbers and names to the directory, see page 74.
- ❑ Then assign names to the speed dialling buttons. To assign a number to a button, see page 78.
- ❑ To activate the fixed dialling list, see page 95.
- Also enter names and numbers used for speed dialling in the fixed dialling list. To add an entry to the fixed dialling list, see page 96.

Provider 				
Incoming calls				
Outgoing calls				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
Incoming calls				
Outgoing calls				
Return				


Display barring

This network service enables restrictions for incoming and outgoing calls. Additional information and a required barring password will be provided by the network operator or service provider.








- ☞ Select “Settings” from Telephone menu.
- ☞ Select “Security settings” from the Settings menu.
- ☞ “Call barring” from the Security settings menu.
- ✓ The Call barring menu is displayed.


- With barring activated, it may nevertheless be possible to make emergency calls to certain numbers (e.g. 112 or other official emergency numbers) in some networks.
- Activated barring may influence communication to the OnStar centre *.

Provider 			
<input type="text" value="All incoming calls"/> Incoming calls if abroad Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
<input type="text" value="All incoming calls"/> Incoming calls if abroad Return			








Set up barring for incoming calls


-  Select "Incoming calls" from the Call barring menu.
-  Select one of the offered barring functions.
-  Select "Activate".
- ✓ Confirmation prompt is displayed when the OnStar service  is present.
-  Select "Yes" in the command field.
- ✓ The input window for the barring password is displayed.
-  Enter barring password and confirm.
- ✓ The network request is carried out and the barring function is confirmed. The  symbol is shown in the display.


Provider 			
<input type="text" value="All outgoing calls"/> International calls Inter. except to home Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

<input type="text" value="All outgoing calls"/> International calls International except to home Return			
--	--	--	--





Set up barring for outgoing calls


-  Select "Outgoing calls" from the Call barring menu.
-  Select one of the offered barring functions.
-  Select "Activate".
- ✓ Confirmation prompt is displayed when the OnStar service  is present.
-  Select "Yes" in the command field.
- ✓ The input window for the barring password is displayed.
-  Enter barring password and confirm.
- ✓ The network request is carried out and the barring function is confirmed. The  symbol is shown in the display.


Provider 			
Activate <input type="text" value="Cancel"/> Status Return			
19,5 °C	U2-AS	BBC R2	TP 16:30

Provider 			
Activate <input type="text" value="Cancel"/> Status Return			



Deactivate barring


-  Select a barring function.
-  Select "Cancel".
- ✓ The input page for the barring password is displayed.
-  Enter barring password and confirm.
- ✓ The network request is carried out and the deactivation of the barring function is confirmed. The  symbol goes out.


Provider 				
Activate				
Cancel				
Status <input type="text"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Activate		Return		
Cancel				
Status <input type="text"/>				

Display barring status




-  Select a barring function.
-  Select "Status".
- ✓ The network request is carried out. In the case of a successful request, the barring status is displayed.


Provider 				
PIN code request <input checked="" type="checkbox"/>				
Security code request <input type="checkbox"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
PIN code request <input checked="" type="checkbox"/>				
Security code request <input type="checkbox"/>				
Return				

Change access code prompt

This menu changes the PIN and security code request. For information on the access codes, see page 112.



-  Select "Access code request" from the Settings menu.
- ✓ An activated function is indicated with a marked field behind the menu item.
-  Select "PIN-code request" (or "Security code request") to activate or deactivate the function.
- ✓ Input window is displayed.
-  Enter PIN or security code and confirm.
- ✓ The setting has been changed.
- Some SIM cards do not permit the PIN request to be deactivated.

Provider 				
Change PIN code <input type="text"/>				
Change PIN2 code				
Change barring password				
Change security code				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
PIN code <input type="text"/>		Security code		
PIN 2		Return		
Barring password				


Change access code

The access codes can be changed with this menu. The codes may only consist of the numbers 0 to 9. For a description of the access codes, see page 112.

-  Select "Change access codes" from the Security settings menu.
- ✓ The list of access codes is displayed.
-  Select code.
- ✓ Input window is displayed.

- ☞ Enter the current code and confirm.
- ✓ Each number is shown with a star.
- ☞ Enter the new code and confirm.
- ☞ Repeat entry of the new code to confirm.
- ✓ The change is confirmed.
- The input window for entering the passwords is used to change the barring password. After confirming the new password, the network request for the change is carried out. If the request is successful, the barring password is changed.


Provider 				
Fixed dialling				
Call barring				
Access code request				
Change access codes				
Show IMEI <input type="text"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
Fixed dialling		Change access codes		
Call barring		<input type="text" value="Show IMEI"/>		
Access code request		Return		

Display IMEI

Each telephone has its own individual international device number, the so-called IMEI (International Mobile Equipment Identity). This number is required for service purposes.

- ☞ Select "Show IMEI" from the Security settings menu.
- ✓ IMEI is displayed.

Provider 				
Phone settings				
Call settings				
Network selection				
Security settings				
Restore phone defaults <input type="text"/>				
Return				
19,5 °C	U2-AS	BBC R2	TP	16:30

Provider 				
Phone settings		Security settings		
Call settings		<input type="text" value="Phone defaults"/>		
Network selection		Return		

Reset to factory settings

This menu resets several menu options to the factory setting. The security code is required for this purpose.

- ☞ Select "Settings" from Telephone menu.
- ✓ The Settings menu is displayed.
- ☞ Select "Telephone defaults" from the Settings menu.
- ✓ The input window for the security code is displayed.

☞ Enter security code.

✓ Confirmation prompt is displayed.

☞ Select “Yes” in the command field.

✓ The telephone is reset to the factory settings.

● The security code is preset to **12345678** at the factory.

Factory settings:

Setting	Default
Call signalling	Ring
Ring tone	RING Ring
Signal message	On
Validity for messages	24 hours
Saving PIN	10 minutes
Calling time limitation	0 minutes
Set up calling time limitation for outgoing calls	Off
Calling time limitation for incoming calls	Off
Automatic answer	Off
Network selection	Automatic
Security code request	Off
Automatic language selection	Off

OnStar ✱

What is OnStar?

OnStar is a Telematic Service for Vauxhall drivers. With the OnStar button, you can get in touch with the Service Centre at the press of a button, around the clock, 7 days a week. For further Information, see page 107. By making personal contact with your operator, you can obtain important information and valuable assistance.

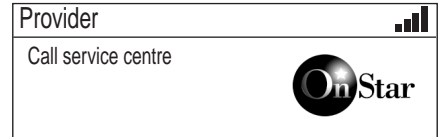
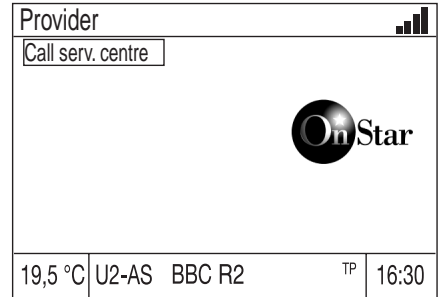
The OnStar Service can provide:

- Traffic information,
- Route advice,
- Breakdown management,
- Personal Travel Guide.
- OnStar reserves the right, without giving advance notice, to change or make additions to its services. Please consult the OnStar Hotline.


Requirements for using the OnStar operation

To be able to use the OnStar Telematic Service, the following conditions have to be complied with:


- The telephone must be switched on.
- The SIM card must be inserted and the PIN code entered in the event that the PIN is required.
- There must be a sufficiently strong signal available, so that a call can be made to the OnStar Service-Centre. Symbol for signal strength, see page 69.
- There should be no call barring programmed for outgoing calls. To cancel call barring, see page 99.
- A call divert can have an affect on OnStar calls. To cancel call divert see page 89.
- Own number sending must be possible, see page 93.
- The short messages service (SMS) must be cleared (network service).
- The fixed dialling list may not be activated, see page 95.

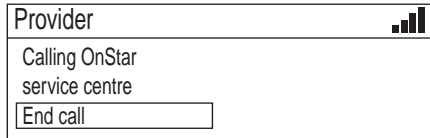
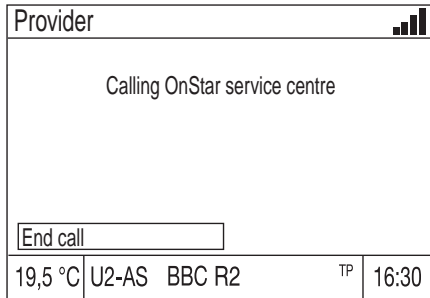


To call OnStar Service

-  **OnStar** Press button until the call is initiated.
- ✓ The OnStar Start page will be displayed for a short time and following this the OnStar Service-Centre is called up automatically.

or:

-  Briefly press the **OnStar** button.
- ✓ The OnStar Start page will be displayed.



☞ “Call service centre” should be selected from the OnStar Start page

or:

☞ press button whilst the OnStar Start page is displayed

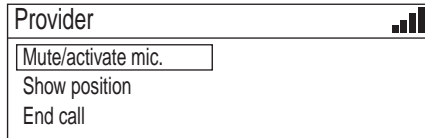
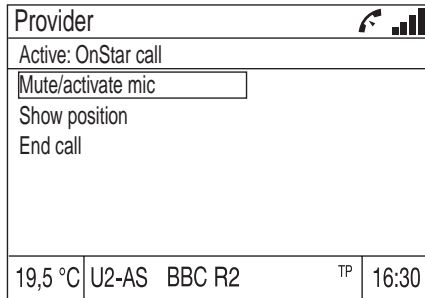
or:

lift the handset ✱ whilst the OnStar Start page is being displayed.

✓ The OnStar Service-Centre will be automatically called up.


☞ Whenever a call is being made, the connection page is displayed.

☞ Get touch with the Service-Centre and ask them for information about the OnStar-Service, see page 106.




During a call

During a call, the following options are available :

- Mute/activate mic:** Muting of the hands free loudspeaker. When the microphone is muted  is displayed. Select “Mute/activate mic” once more to reactivate the microphone.
- Show position:** The position data of the vehicle is shown on the screen,
- End call:** End the call with the OnStar Centre.

End call


☞ To end the telephone call press the  button


or:

select “End call” from the call options


or:

lift the handset ✱.

Provider 				
Sending OnStar message....				
<input type="text" value="Return"/>				
19,5 °C	U2-AS	BBC R2	TP	16:30


Provider 				
Sending OnStar message....				
<input type="text" value="Return"/>				

Send position data to OnStar


-  During a call, press **OnStar** button until the above item appears on the screen.
 - ✓ An update of the position data will be sent to the OnStar Centre.
 - ✓ After about 3 seconds
- or:
- if “Return” was selected
- or:
- if the **CLEAR** button was pressed, the position data will be shown on the screen for around 10 seconds.
- Whether the transmission of the message was successful or not will be shown on the screen.

OnStar Services


Traffic Information

-  Give the planned route of your journey.
- ✓ The Service-Centre will give you information about your route or your location about traffic hold-ups and possibly recommend a diversion.

Route advice

-  Give them your current location and your destination.
- ✓ The Service Centre will work out and recommend the best route for your journey, taking into account the current traffic information.

Breakdown Management

-  Describe your problem precisely.
- ✓ The Service-Centre will take the necessary action.

Personal Travel Guide

The Personal Travel Guide Service Programme provides you with interesting information, e.g. about items of cultural interest which are worth seeing on the journey, restaurants, recommended hotels, filling stations, addresses of Vauxhall dealerships and a whole lot more.

OnStar has more selected information in the direct access. The data bank is constantly being expanded.

OnStar with GPS *

How OnStar functions with GPS

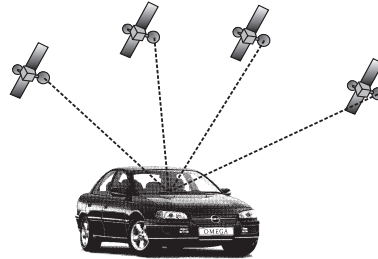
Your vehicle is constantly receiving the signals from GPS-Navigation satellites (GPS = Global Positioning System). The GPS receiver, which is built in to your vehicle and connected to the telephone, calculates your present location and travel direction from the signals received.

As soon as the OnStar button is pressed for a long time, the telephone automatically dials the OnStar Service-Centre. When the connection is made, in parallel with the voice transmission, your telephone number, vehicle details, position and travel direction are transmitted by means of an SMS short message (SMS = Short Message Service).

The Service-Centre is therefore provided with information about all the relevant service data as soon as the connection is made without the need for any questions to be asked verbally.

The OnStar Service is instantly available for your use.

If need be, you can read off your geographical position on the screen during the call by means of a long press on the OnStar button, see page 106.



What is GPS?

GPS is a world wide satellite navigation system. It consists at present of 27 active satellites which orbit the Earth in just under 12 hours. The 6 orbit paths have a height of around 20,200 kilometres. At any one time there are at least 4 satellites available, which are necessary to work out three-dimensional positioning.

The receiver unit establishes the distance to each of the satellites from the signals which have been sent. The current position of the vehicle is then determined based on the knowledge which has been transmitted about the position of the satellites.

The 12 channel receiver unit, which can receive signals simultaneously from up to 12 satellites, then gets to work.

Problems in determining a position

In unfavourable conditions, it can happen that not all of the data for calculating a position is correctly received or transmitted. This can be caused by reception when there is a lot of interference.

No (or distorted) reception can occur under certain circumstances:

- Between high buildings,
- In multi-story carparks, in tunnels or under bridges,
- In narrow valleys in the mountains,
- During heavy rainfall or thunderstorms,
- During unfavourable satellite constellations.
- The Service-Centre will warn you about the problem.
- To retransmit the position data to the Service Centre, see page 106.

Problems with the mobile transmission network

In unfavourable conditions, when making a connection to the Service-Centre, your data may not be sent or only a part of it may be received.


Use can only be made of the OnStar Services if contact with a mobile transmission network has been established and the telephone is registered in the network.

In the event of problems with the telephone, please consult the faults chart on page 110 before you take the matter up with an authorised Vauxhall dealerships.

Trouble shooting

If your Infotainment system does not perform in the way you expect, please read the operator instructions carefully and run through the following check list before you take the matter up with our Customer Care.

If you cannot resolve the problem, contact a Vauxhall Dealership.

Error message / symptom	Possible cause / remedy
General	
Display is dark	Vehicle battery power low, when being used without the engine running.
Screen display is illegible	Display contrast incorrectly set. ⇒ Adjust display contrast, see page 42.
Radio cannot be switched on with the button  or the ignition key	Radio security or the security system in the vehicle is faulty.
The time indicated on the display is incorrect.	Not all of the RDS stations transmit a correct time signal. Signals are being received from an RDS-station in another time zone. ⇒ Setting the correct time see page 41.
Audio	
Station button not saved with the station name	Transmission station sends additional information from time to time. ⇒ Save once more if the station's name is indicated in the display. Poor reception when down loading (frequency is indicated). Transmission station does not transmit any RDS information (frequency is indicated).
Saved transmitter cannot be accessed via the stations button	Transmitter cannot be received at present.
Display "CD error"	CD is dirty, scratched or incorrectly inserted. CD has an incompatible CD format (DVD, CD-RW etc.).
CD-changer is not playing	No CD-magazine in CD-changer. CD-magazine is empty. CD in the CD magazine is incorrectly inserted. CD in the CD magazine is scratched or dirty. CD in the CD magazine has an incompatible format (DVD, CD-RW etc.).
Navigation	
	GPS-satellite reception is impeded by high buildings or trees. The vehicle's battery was disconnected. The vehicle has been transported for a long distance (e.g. by ferry). Increased amount of wheel spin (spinning on snow). ⇒ After max. 15 minutes the Destination Guidance system will become more precise again. Initial commissioning or tyre changing. ⇒ After max. 50 kilometres of driving, the Destination Guidance system will become more precise again.
	No destination entered. ⇒ Enter destination. No Navigation-CD inserted. ⇒ Insert Navigation-CD. GPS satellite reception not possible inside buildings (e.g. multi-story car parks, tunnels etc.) GPS-aerial is covered up by something.

Error message / symptom	Possible cause / remedy
Telephone	
The telephone cannot be switched on	<ul style="list-style-type: none"> ☞ Vehicle's battery is low. ☞ Check vehicle's security system. ☞ Have the telephone checked out by the Customer Service.
No calls possible	<p>Check the signal strength on the telephone display, see page 69.</p> <ul style="list-style-type: none"> ☞ If the signal is too weak, move to another location where the reception is better. <p>Outside the range of your home network?</p> <ul style="list-style-type: none"> ☞ Check network selection. ☞ Move network selection manually to another network, see page 94. ☞ Check the settings of the fixed dialling list, see page 95. <p>New SIM-code card inserted?</p> <ul style="list-style-type: none"> ☞ Check limitations in relation to the network.
No incoming calls are being received.	<ul style="list-style-type: none"> ☞ Check the bar showing the signal strength in the display for the telephone, see page 69. ☞ Check the settings for call divert, see page 88.
No International calls are possible	<ul style="list-style-type: none"> ☞ Check the call barring settings see page 99. <p>Certain service providers do not permit International calls. Ask your service provider.</p> <p>Have you inserted the new SIM-code card?</p> <ul style="list-style-type: none"> ☞ Enter new PIN-code. <p>Forgotten the security code?</p> <ul style="list-style-type: none"> ☞ Ask your service provider?
Shown on screen: "PIN code of SIM blocked" ("PIN2 code of SIM blocked") followed by a PUK (PUK2)-notice	<p>An incorrect PIN(PIN2)-code was entered three times in succession. The SIM-code card will be blocked. In order to release the SIM-code card enter the PUK (PUK2)-code, which was supplied together with the SIM-code card. Finally enter new PIN(PIN2)-code and confirm.</p>
Shown on the screen: "PUK code of SIM blocked. Please contact your car dealer." ("PUK2 code of SIM blocked")	<p>An incorrect PIN(PIN2)-code was entered ten times in succession. This SIM code card can no longer be used.</p> <ul style="list-style-type: none"> ☞ Ask your service provider.
Shown on the screen: "No OnStar-service available"	<p>The vehicle is not fitted with the Infotainment system with OnStar-service*.</p> <p>Infotainment system with OnStar-service: The SIM-code card is not inserted (available) or the SIM-code card will be blocked.</p>

General notes

If an operational breakdown occurs, get in touch with an authorised Vauxhall dealership.

FM-reception

With Auto-radio VHF reception, despite the high technical development, there are differences between in-car FM radio reception and reception by domestic radios. These differences - even with RDS transmissions - can result in problems.

The vehicle's operating instructions give information about the physical causes of such interference.

Mobile transmission

Access codes for using the telephone

Using the access code, you can prevent unauthorised use of the phone and of the SIM-code card. Always keep the access codes in a safe place, which should not be near the Infotainment system or the SIM-code card.

- ❑ The **PIN-code** (4 to 8 digits) protects your SIM-code card against unauthorised use. The PIN-code is normally delivered together with the SIM-code card. When the PIN request is activated, it will be asked for each time the telephone is switched on. The PIN-code will be blocked if an incorrect Pin-code is entered three times in succession. You can remove the block with the PUK-Code.
- ❑ The **PIN2-code** (4 to 8 digits) which is delivered with some SIM-code cards, is required for access to certain functions such as, for example, fixed dialling. These functions are only available if your SIM code card supports them. The PIN2-code will be blocked if an incorrect PIN2-Code is entered three times in succession. You can remove the block with the PUK2-code.
- ❑ The **security code** (1 to 8 digits) can be used to prevent unauthorised use of the menu. "Call duration settings". If the security code request is activated, the code will be requested on selecting the menu. The factory setting is **12345678**.
- ❑ The **PUK-Code** (8 digits) (PUK: Personal Unblocking Key) is required after a locked PIN-Code. The PUK-Code is delivered with the SIM-code card. If an incorrect PUK is entered ten times in succession, the SIM code card becomes unusable. In this case or if you mislay the code, inform your network operator or the service provider.
- ❑ The **PUK2-Code** will be needed to alter a barred PIN2-Code, in a similar way to the PUK-Code.
- ❑ The **call-barring password** will be needed for setting up call barring (Network service). You will receive the password from your service provider.

GSM *

GSM (Global System for Mobile communication) is a world-wide mobile transmission standard in accordance with which the telephone in the Infotainment system is operated.

The GSM-network offers many advantages:

- Digital voice transmission provides high quality transmission and extensive protection from bugging,
- Identification with the SIM-code card. A personal telephone directory hence also available in other GSM-telephones,
- It is possible to make calls to many countries in the world.

Transmission interference

Transmission interference from electrical installations and equipment as well as from surrounding traffic can have an affect on transmission quality.

No network

In certain areas it is not possible to receive a network. Information about the areas in question can be obtained from the respective network operator.
When travelling through an area in which the mobile radio signals may be blocked or weakened due to geographic or construction related obstacles, short interruptions of the network transmissions may be encountered.

Weak signal strength

The strength of a mobile radio signal can be too weak or unstable to guarantee a reliable communications connection, due to long distances from a transmitting and receiving station or because of obstacles. In order to make the best possible communications connection via the car phone, attention should be paid to the signal strength.

Read the signal strength on the screen of the Infotainment system. If the radio signals are not strong enough for a voice connection find a location with better reception.

Conformity statement

We, NOKIA MOBILE PHONES Ltd., declare with full liability that the product RTE-2RH conforms to Directive 1999/5/EC of the European Union.

Obtaining Navigation CDs

The Navigation system is based upon the digital road network data on the Navigation CD. A current Navigation CD for a region is supplied with the unit.

Navigation CDs for other countries can be obtained from any authorised Vauxhall dealerships.

It is also possible to obtain Navigation CDs by telephone or by fax from Messrs.Navigation Technologies on the following numbers:

Europe excluding Italy
Tel.: +800 / 18 23 53 22 (freephone)
Fax.: +31 / 555 433 947

Italy
Tel.: +800 / 78 11 45 (freephone)
Fax.: +31 / 555 433 947

Updating System Software

The Infotainment System enables you to update the System Software and consequently equip the unit with new and better functions. The System Software is on the Navigation CDs.

The first time a Navigation CD with a new System Software (version, see label on CD) is inserted, the new functions are automatically loaded by the unit.

⚠ While the new functions are loading, switch on the ignition (start switch II); do not start the engine and do not activate any buttons on the unit.

Loading can take up to 3 minutes.

GPS Reception

The GPS reception can be limited under trees or between high buildings. In multi-storey car parks, tunnels etc., GPS reception is not possible.

After the vehicle has been transported for a long distance (for example on a ferry), it can take up to 15 minutes before the Navigation system has initialized and the current GPS position is communicated.

Handling CDs

When changing CDs avoid finger prints. After removing them from the magazine, return them immediately into the CD holder to protect from dirt and damage.

Any dirt and liquid on CDs can cause the lenses of the CD player or the CD changer to get dirty inside the unit and can lead to breakdowns.

Protect CDs from heat and direct sunlight.

Interruption of power supply

After the battery has been connected, it can take up to 15 minutes before the Navigation system has initialized again and the current GPS position is communicated.

Unit Cooling

An electric fan cuts-in automatically in the event of high operating or ambient temperatures. This fan carries on running for some time after the Infotainment system has been switched off.

Cleaning and maintenance

Your Infotainment system was designed and manufactured with great care and should be carefully treated.

Observing the following recommendations will help prevent the warranty expiring prematurely and you will still have a lot of pleasure from your product after many years.

Observe the following when using the Infotainment system:

- Do not try to open up the product. The unit can be damaged due to improper handling.
 - Do not use any chemicals, cleaning solutions or strong cleaning material to clean the product. Use a soft damp cloth with a mild soap solution to clean the unit.
- Do not paint your product. Moveable parts of the product can become stuck to one another due to the paint and prevent correct operation.
 - Do not store any inflammable fluids, gases or explosive material in the same room as the Infotainment system, its parts or accessories.
 - The Infotainment system should only be serviced by qualified staff. Errors in assembly or maintenance can have dangerous consequences and lead to the warranty on the unit becoming void.

Subject index

A

Access codes	110
Automatic Switch-on/off of Infotainment system	7
Anti-theft protection	4

B

BOSE Sound System *	8
---------------------	---

C

CD Changer	32
CD Magazine	34
CD Playback	32
Fast forward/reverse search	33
Installing audio CDs	32
Random Playback	31
Selecting a CD	33
Selecting a Track	33
CD Player	30
Audio CD Playback	30
Fast forward/reverse search	31
Random Playback	31
Remove CD	31
Select a track	30
Cleaning and Maintenance	113
CLEAR	7

D

Display	14
Contrast Adjustment	42
During a call	69

E

Emergency call	5
Transmitting a call	5
End call	6
Clear	6
Entering letters	10
Entering numbers	11
EON	18
External handset	72

F

Factory settings	102
FM Reception	110
Fuel Consumption	
Average	37
Current	37
Total	36
Function buttons	7, 9

G

General Information	2
General notes	110
GPS Reception	112
GSM	111

H

Hands free device	64
Handling CDs	112

I

IMEI	102
Interruption of power supply	114

L

Language	
Autoselection	92
List of stations	17

M

Main display	14
Audio Information	14
Navigation Active/Inactive	14
Temperature outside	14
Time	14
Main menu	7
Making a selection from a menu	7
Messages	83
Answer	84
Delete	85
Display details	85
Edit	85
Enter and send	86
Forward	84
Read	83
Save	86
Settings	87
Missed calls	72
Mobile Transmission	110

N

Navigation	43
Activating Navigation system	44
Active/Inactive	14
Changing the "Home" Address	54
Destination Guidance information	14
Destination Memory	52
Display Roads to Destination	58
Display Route Information	60
Entering the Destination	44
Entering a Stored Destination	47
Guidance	48
Map display	50
Map Display Scale	50
Map Options	51
Parrameters	14
Random Map Section	61
Route Selection	55
Select alternative Route	57
Selecting a Special Destination	58
Tune target setting	60
Voice Announcement Settings	62
Navigation-CD	
Obtaining Navigation CDs	111
Notes	117

O

On-Board Computer	35
Adjust Display Contrast	42
Average speed	37
Display travel data	35
Distance	38
Fuel Driving Range	36
Fuel Consumption	36
Reset computer information	38
Select language	39
Select information	35
Set units of measurement	40
Set Time and Date	41
OnStar	104
Calling	104
Services	106
With GPS	107

P

Phone book	74
Add entry	74
Alter entries	76
Assign a phone number to a button	77
Call Lists	79
Delete an entry	76
Delete notebook	77
Display call Duration	81
Fixed dialling list (activate)	95
Messages	84
Read entries	75
Read the notebook	77
Reset time counter	83
Search for Name and Number	76
Speed dials	78
Specify call Duration	82
Store name and phone number	74
Store a phone number from notebook to phone book	77

R

Radio	16
Manual search	17
Select a station	16
Select waveband	16
Station list	17
Station Presetting	27
Automatic	28
Manual	28
Station search	17
RDS (Radio Data System)	18
Display Frequency	19
Find station by program type	20
Program Search	19
Switch on/off	19
PTY/Regional program stations	21
Read new short messages	73
Regional Programs	18, 21
Road Safety Information	3

S

Save number of message centre	87
Save number of voice mailbox	87
Security settings	95
Select	
from list	9
from menu	9
with function buttons	9
Select network, manual/automatic	94
Service	7
Switching on/off	7
Automatic switch off	8
Register on the display	8
Set PIN code delete delay	92
Specify call duration limit	81
Speed dependent volume	13
Steering wheel remote controls	12
Switching on and off	7

T

Telephone	64
Access code	101
Change code	101
Activating the Telephone	64
Adjust volume	69
Call	66
Call divert	88
Call lists	79
Entry	81-89
Calls from phone book	71
Call voice mailbox	73
During Call options	69
Make and receive a second call	71
Muting microphone	70
Notebook entry	70
Send a short message	71
Toggle between two calls	71
End call	67
External handset	71
GSM Network services	64
Hands free device	64
Menu/Symbols	66, 74
Missed Calls	72
Pin code	65
Read new short messages	73
Receive call	68
Reject call	68
Repeat dial	69
Security settings	95
Settings	90
Setup Call barring	100
Select network	94
Symbols in the header	66
Simm card	65
Traffic Message Channel (TMC)	23
Activate/de-activate auto-display	25
Select type of info-displayed	25, 26
Tone Settings	15

Treble	15
Bass	15
Balance	15
Fader	15
Traffic Announcements (TA)	
Fading out	22
Setting the Volume	23
Switching off	22
Switching on	21
Traffic Program (TP)	18, 21
Listen to TA only	22
Search	22
Travel Data	170
Trouble shooting	108
Transmission Interference	111
Transmitting emergency calls	5

U

Unit cooling	112
Updating System Software	112

V

Volume	13
--------	----

W

Waveband Selection	16
--------------------	----

Display Messages

---	.38
***	.39

A

Active	.44
Address	.45
Along	.60
Along calc. route	.60
Alternative Route	.57
At Dest.	.58
Atlas	.60
Autostore	.28

B

Balance	.15
Band	.16
Bass	.15
BC Reset All	.39
BC Reset current	.38
Block route	.57

C

Category	.58
CD read error	.65
Check CD	.32
Confirm Deletion	.54
Contrast	.42
Corner	.46

D

Decrease	.63
Delete	.54
Delete All	.54
Dest. Memory	.47
Destination Memory	.53

E

Enter Destination	.45
External Source	.67

F

Fader	.15
Filtering	.25
Functions	.21, 23, 51, 56
From Road	.57

G

Guidance	.46
----------	-----

H

Head up	.51
Home	.47, 54
Home Address	.54

I

Info	.60
Info Type	.25
Instructions	.40

L

Last Destination	.48
Leaf through	.61
List	.45

M

MAN	.17
Map Display	.50
Map Options	.51
Menu	.50
Messages	.26

N

Name	.52
Navi-Volume	.62, 63
Nearest	.58
North up	.51

O

Optional	.58
----------	-----

P

POI (Points of interest)	.58
Popup Info	.25
Program Type	.20

R

Random CD	.31, 34
Random Mag	.34
Range	.36
RDS	.19
Regional	.21
Replace	.53
Route	.58

S

Save	52
Scale	50
Select	47, 48, 53
Select Language	63
Settings	38, 51
Sorting Criteria	27
Speed depended Volume	12
St.	46
Station List	17
System Settings	39

T

TA Volume	23
Time Correction	42
Time/Date	41
TMC	23
TMC Traffic Info	26
To Road	57
Town	45
TP	21
Track	30, 33
Treble	15
Type	39

U

Units	41
Update	17

V

Voice	49
Volume	62

Notes:

Notes: