Radio Type CDR 2005



Overview

Controls

No. Symbol Function

Ol On/off: press

Volume: turn control

volume, turn control

CD EjectionCD slot

4 CD Switch on CD mode, switch CD random playback on and off

5 1--6 Radio: Preset controls (1 to 6)

Search control,Radio: Search upwards,CD: Skip forwards

TUNER Switch on radio play control, Select wave band (U, M)

Search control, Radio: Search downwards, CD: Skip backwards

Select AS wave band, Automatic memory

no RDS Radio Data System on and off

TP Traffic Progammes on and off Audio menu: Adjusting bass,

treble, balance and fader

Steering wheel remote controls

No. Symbol Function

Search control upwardsSearch control downwards

Radio: next stored station CD: restart

O Radio/CD selection mode

7 Reduce volume

+ Increase volume

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General explanation

Information on this operating manual

In order to quickly gain an overview of the of the CDR 2005, see the survey of all the controls in the Overview (see page 1).

If you are searching for a specific topic, the index at the end of the operating manual should help you to find it more quickly.

Detailed descriptions of your car radios function can be found in the chapters entitled "Radio" and "Cassette."

Information on seldom used functions can be found in the chapters "Extended functions" and "Coding."

Should your car radio stop working consult the chapter on "Troubleshooting". Doing so often means avoidable errors can be quickly remedied.

The following symbols help you understand the operating instructions.

- A hand in front of the text asks you to do something.
- A tick in front of the text represents the unit's reaction.
- A bullet point in front of the text denotes additional information on this subject.
- ☐ A square before the text marks an enumeration.
- A safety and warning triangle contains important information on how to use your CDR 2005 safely.
- An arrow indicates that this subject is continued on the following pages.

Display

The display in the vehicle (see vehicle control instructions) also displays radio information.



Display with icons for radio information

Display icons

Icons in the vehicle display shows the various operating conditions of the CDR 2005. Deviations may be possible, depending on the vehicle display.

- AS Memory location on FM or MW is selected.
- CD CD is ready to switch on.
- **RDS** RDS (Radio Data System) is switched on.
- **EON** The station selected is tuned to a traffic information station via RDS and makes traffic reports.
- TP (Traffic program) is switched on, however no TP station is received.
- **TP** The station selected broadcasts traffic information.
- **[TP]** TP is switched on, traffic information is broadcast, even in CD mode.
- **RDM** Random playback for CD mode is switched on.

Theft protection

Coding

The CDR 2005 is fitted with a passive security system for anti-theft protection. A coded unit is useless if stolen. The radio code appears on your radio passcard or car passcard.

Therefore never leave your radio passcard or

Therefore never leave your radio passcard or car passcardwith the CODE numbers in the vehicle.

Radio Code

Each time it is switched on, the coded unit briefly indicates "CODE" in the display when the ignition is switched on. The radio is coded in the factory. The code can be changed by entering a new code, see Page 17.

Switching on and off

Press control 1 to switch on and off.

Switching on and off with ignition key

When the CDR 2005 is switched on, it can be switched off and on automatically by removing or inserting and turning the ignition key.

This "link" can be switched off, see Page 15.

Automatic switch off

If the unit is switched on using the control ①, it switches off automatically one hour after the ignition key is removed.

Sound Controls

Volume

- To adjust the volume, turn control 1.
- When the unit is switched on, the last selected volume is set, if this is lower than the programed normal volume.
- If the volume at the point of switch off was louder, it is set to normal level when switching on again.

Audio menu

The audio menu offers the following settings:

- → Bass (BASS)
- ☐ Treble (TREBLE)
- Balance (BALANCE)
 (Volume balance left <-> right)
- ☐ Fader (FADER) (Volume fade front <-> rear)

Bass

- Briefly press Jr control (2) repeatedly until "BASS" appears.
- The bass adjustment range is between -6 and +6.

Treble

- Keep pressing Jr control until "TREBLE" appears.
- Make required adjustment using search control

 or

 or

 or

 .
- The treble adjustment range is between -6 and +6.

Balance

Volume balance left <-> right.

- Keep pressing Jr control until "BALANCE" appears.
- Make required adjustment using search control

 or

 or

 or

 .
- The balance adjustment range is between -22 and +22.

Fader

Volume fade front <-> rear.

- Keep pressing Jr control until "FADER" appears.
- Make required adjustment using search control

 or

 or

 or

 .
- The fader adjustment range is between -22 and +22.

To exit the audio menu

- Keep pressing JP control until the radio or CD display appears.
- If you do not press any controls within 10 seconds of calling up the audio menu, it will quit automatically.
- You can exit the audio menu by pressing the CD or TUNER control.

Your CDR 2005 offers further audio settings which are less often required:

- ☐ Volume adjustment for traffic reports (TA).
- Adjustment for speed-dependent volume control.
- Volume adjustment for external audio source, e.g. an in-car phone or a navigation system.

Details on these settings can be found in the section entitled "Extended functions" on Page 15.

Radio Tuning

Radio mode

During CD playback:

Press **TUNER** control **7**.

Select wave band

- Press TUNER control once or several times briefly to switch between wave bands U and M.
- ☐ U = Ultra short wave (FM)
- $\mathbf{U}_{as} = \mathbf{U}_{as}$ memory location(FM)
- ☐ M = Medium wave (MW)
- $M_{as} = MW_{as}$ memory location



Example: FM station

- The wave band is indicated in the display ("U" or "M").
- With AS memory locations, the "AS symbol" also appears in the display.

Search for station and set

Six different station types of search are available:

- Automatic search
- Manual tuning
- ☐ AS (Automatic memory), see Page 11
 In addition, when RDS is switched to FM the following types of station search are available:
- ☐ RDS program search, see Page 6
- ☐ TP search, see Page 8
- RDS Memo, see Page 7

Automatic search

(only when "RDS" is switched off)

- Briefly press search control
 - **8 ⋖** or **▷ 6**.
- ✓ The radio mutes until a station is found.

If no station is found, the unit switches automatically to a more sensitive search level.

Manual tuning

((only when "TP" and "RDS" is switched off)

Stations for which the frequencies are known can be set in this way.

Coarse tuning

Fress search control

or

and hold pressed until the frequency of the required station has almost been reached.

Fine tuning

Repeatedly press search control
 or
 until the exact frequency of the station appears in the display.



Radio Data

RDS which has been introduced all across Europe by the broadcasting companies. RDS makes it easier to find a desired FM station, and ensures interference-free reception.

RDS stations transmit - in addition to the program - digital data with information which the RDS set automatically evaluates.

If the RDS station is received, the stationname instead of the frequency appears in the display.

The set always switches to the strongest (best-possible reception of chosen station). The station- name remains unchanged in the display.

- **PS:** Display of program name.
- □ AF: An RDS program is transmitted on several frequencies simultaneously. As the vehicle travels, the radio automatically searches for the best transmitting frequency. Playback may be interrupted briefly.
- PTY ALARM: CD playback is interrupted by messages regarding a serious accident or emergency.
- ☐ Time signal: The vehicle clock can be synchronised to the time transmitted via RDS, see car manual.

So it is recommended that RDS is switched on

Switch on RDS

- Select FM wave band using **TUNER** control **7**.
- Press RDS control 10.
- ✓ "RDS" appears in the display.



FM station, RDS switched on

RDS Program search

- $\ \ \$ Press search control $\ \ \ \$ or $\ \ \ \$
- The radio searches for RDS programs only.

Switch off RDS

- Press RDS control ...
- "RDS" disappears from the display.
- The frequency now appears in the display instead of the program name.
- The radio no longer automatically selects the frequency with the best reception for a program.

Frequency of an RDS station

To show the currently selected frequency of an RDS program:

- Switch off RDS.
- The frequency of the selected station is displayed.
- Switch on RDS again.
- The program name re-appears in the display,

or:

- Press **TUNER** control **7** for approx. 1 second until the frequency of the station appears.
- The program name re-appears after 5 seconds.

RDS Memo

In addition to the station memories, the unit creates an RDS Memo in which all receivable FM stations are stored. The search controls can be pressed to search through this memory.

Searching through RDS Memo

- Switch on RDS 10.
- Press search control ✓ or ▷ briefly until the required program is set.
- ✓ The previous/next RDS station in the RDS Memo is displayed.
- The display shows the program names and/or the frequencies of the stations stored in the RDS Memo.

Updating the RDS Memo

- Press RDS control until a confirmation tone sounds.
- "MEMORY-U", and then "MEM" and also the relevant frequency appears in the display briefly.
- The storing procedure is completed after about 30 secs., and the radio returns to "normal mode".
- The stations stored to the preset controls are not over written during this procedure.



[TP]

RDS Memo is updated.

- The RDS Memo is automatically updated if the unit is searching for a TP station automatically or if an automatic storing procedure with AS is being carried out.
- RDS stations are organised in the RDS, Memo according to station network and station strength (e.g. BBC 4, BBC Camb, Classic, Radio 1, etc.).

TP (Traffic Program)

TP stations are FM RDS stations which broadcast traffic information.

Traffic information stations appear as a "**TP**" symbol in the display.

Switch on TP

- Select FM wave band using **TUNER** control **1**.
- Press TP control 1.
- ✓ "[TP] " appears in the display.
- During searching, or if it is not possible to receive a TP station, "[]" appears in the display.



RDS station. TP switched on

- Only TP stations are received.
- When the TP function is switched on, CD playback is interrupted for a traffic information report.

Switch off TP

Press TP control 10,

or:

- Press the **TP** control twice during a traffic report to turn off the TP.
- ✓ "[]" disappears from the display.

Traffic reports only

Should you wish to hear only traffic reports:

- Switch on TP with **TP** control **1**.
- Set volume control to zero.
- ✓ Traffic reports are heard at the preset TA volume, see Page 15.

Switch off traffic news

To switch off a traffic report, e.g. during CD play:

- Press TP control once during the traffic report.
- ✓ The traffic report is interrupted.
- ✓ TP remains on.

EON (Enhanced Other Networks)

With EON you will hear traffic reports, even if the set station does not broadcast its own traffic information. These stations are shown by an "EON" symbol in the display.

Receiving traffic reports via EON

- Press TP control.
- ✓ "[TP]" and "EON" appear in the display.



Traffic information is received via RDS-EON

- When a traffic report occurs, the unit switches to a traffic information station linked with EON.
- The program name of the traffic information station is displayed during the traffic report.
- After the report, the unit returns to the previous program.

Regional Programs

Some RDS stations transmit different regional programs over different frequencies at certain times. You can prevent the radio from switching to another regional program when searching for the best frequency.

Storing a regional program

- The required station must be stored by pressing one of the preset controls 6
 1 to 6.
- Call up required station using a preset control.
- Then press the preset station control for approx. 5 secs. until you hear a confirmation tone.
- Appears in the display for approx. 3 secs. "REG ON".

Enabling switching to other regional programs

If the regional function is switched to the selected station:

- Press preset station control again for approx. 5 secs. until you hear a confirmation tone.
- ✓ Appears in the display for approx. 3 secs. "REG 0FF".

Preset Station Storing

Sufficient memory exists for 24 stations.

- ☐ 6 x U Ultra short wave (FM),
- ☐ 6 x U_{as} (Automatically stored FM stations),
- □ 6 x M (MW),
- 6 x M_{as} (Automatically stored MW stations).
- The memory location can be selected using the station 5 controls 1 to 6.

Store

- Set wave band and station.
- Hold down preset 6 controls (1 to 6), to which the set stations are to be stored.
- ✓ The radio mutes briefly and displays the station previously stored at this location.
- As soon as the set station is being received again, the station is stored to this preset control.
- The selected memory location appears in the display.



FM station at memory location 3

"RDS on" or "RDS off" are stored when the station is stored.

AS levels at FM and MW

Press AS control (a) briefly in order to change to AS memory location U_{as} or M_{as},

or:

- Press **TUNER** control **7** once or several times briefly to search AS memory location U_{as} or M_{as}.
- ✓ "AS" appears in the display.

AS (Automatic saving)

Possible on U and M wave bands.

- Select wave band.
- Press AS control **9** until a confirmation tone sounds.
- The radio automatically switches to the AS memory location of the selected wave band (U_{as} or M_{as}).
- "AS" appears in the display.
- The station search starts.
- The frequencies of the six strongest stations are stored to the AS memory locations.
- Previous stations manually stored to the AS memory locations are over written.

Storing new stations when leaving the frequency range of the stored station:

Press AS control until a confirmation tone sounds.

- RDS is activated during AS and then remains on.
- If TP is switched on before or during automatic storage, the unit seeks a memory location containing a traffic information station when the station search ends.
- If TP is switched on during automatic storage, the search remains active until at least one automatically stored TP station has been found.
- AS memory locations may also be stored manually, see "Store", Page 10.

Recall stored station

- Select wave band with the **TUNER** control **7** (U or M).
- Select required memory location using the preset controls **5**.

To seek the station stored using AS:

- Select wave band (U or M).
- Press AS control 9 briefly,

or:

- Press TUNER control once or several times briefly to search the AS memory location U_{as} or M_{as}.
- Select required memory location using the preset controls.



Station in one AS memory location



CD

- 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.

CD mode

- Push CD (printed side up) into the CD slot 3, the CD retracts automatically.
- ${\color{red} \checkmark} \quad \text{During retraction, the volume is muted.}$

or:

To play a CD already placed in the CD slot:

- Press CD control 4.
- CD playback begins.
- In the display, firstly the total number of tracks on the CD appears "TR xx CD", and then "TR 1 CD".
- After the last track has been played, CD playback begins again from the first track.

Select next or previous track

Play next track

Repeatedly press search control briefly until the required track number appears in the display.

Play previous track

- Repeatedly press search control
 briefly until the required track number appears in the display.
- If the search control

 is pressed during

 the first 3 seconds of a track, the previous

 track is played. If the control is pressed
 after the first 3 seconds, the track being
 played is repeated.

Fast forwards/backwards search

To search for a track on a CD:

- Press search control
 or
 and hold pressed until the required track has been reached.
- The display shows the track number and the corresponding playtime in minutes and seconds, e.g.: "T 3 02:42".
- During the fast search the track is played at increased speed and reduced volume.

Random play (RANDOM)

In this mode, the tracks are selected and played in a random sequence.

Switch on Random play

During CD operation:

- Press CD control 4 until a confirmation tone sounds.
- First "RANDOM" appears in the display then "RDM 3 CD" if e.g. Track 3 of the CD is being played.
- In addition, the "RDM" symbol appears in the display.

Switch off Random play

- Press **CD** control **4** until a confirmation tone sounds.
- ✔ RDM mode is switched off and the "RDM" disappears from the display.

Ending CD playback

Press TUNER control 7,

or:

Press CD control 4 briefly,

or:

- Switch off unit by pressing the 1 control.
- The CD remains in the CD slot.

Eject CD

- Press control until the CD is ejected.
- ✓ The unit switches to radio mode.
- Remove CD.
- If you do not remove the CD, after approx. 10 secs. it is retracted again (to prevent damage).
- CD ejection is only possible when the unit is switched on.

Steering wheel remote control

(Not available with all vehicle versions)

To increase driving safety and improve control comfort, the following functions of the CDR 2005 can be controlled using the steering wheel controls:

+ / - Controls

Volume Control

- + Press control (19) once or several times briefly to increase the volume gradually.
- Press control **1** once or several times briefly to reduce the volume gradually.

If the control is pressed for longer, the volume changes continually.

O Control

Source switching

Press **O** control **6** briefly to switch between radio or CD.

◀ / ► Controls

Search controls

The ◀ or ► controls (♠; ♠) have the same function as the search controls on the unit, see Radio tuning, page 5 or CD, page 12.

→ Control

Select stored station

Press → control to seek the next stored station 1 to 6 in the selected wave band.

CD restart

Press - control 6. The CD starts to play the first track.

Extended functions

Special unit settings

Ignition key logic

The CDR 2005 can be switched on and off with the control.

When the CDR 2005 is switched on, it can be switched off and on again by retracting and/or inserting and turning the ignition key.

This link between radio and ignition/starter switch is set in the factory, but can be switched off.

- When the ignition key logic is switched off ("IGNI OFF") the radio may only be switched on and off with the push control 1.
- After isolating and reconnecting the radio from the power supply ensure the ignition key logic is always switched on.

Switch off ignition key logic

- Switch on the ignition.
- Switch off radio with push control.
- Keep station 6 controls 1 and 3 pressed simultaneously.
- Switch on radio and keep the station controls pressed until a confirmation tone sounds.
- ✓ Before the confirmation tone is emitted, the current ignition key logic status appears briefly in the display: "IGNI ON": Ignition key logic on "IGNI OFF": Ignition key logic off.
- After the confirmation tone, the displayed status is changed.

Switch on the ignition key logic

- Proceed as described under "switch off ignition key logic".
- After the confirmation tone, "IGNI ON" must appear in the display.

Special audio settings

Volume of traffic reports (TA volume)

The volume of traffic reports (Traffic Report) can be programed in addition to the normal volume.

- Press **TP** control **10** until a confirmation tone sounds.
- The set TA volume appears in the display, e.g. "TP-VOL -1".
- Set the required volume using search control

 or

 or

 .
- Listen to the selected volume during setting.
- The adjustment range lies between -3 and +3.
- To store the TA volume press the TP control again until a confirmation tone sounds.
- If no control is pressed within 10 seconds of the setting being made, the previous setting remains stored and the unit returns to its normal operating mode.

Speed-dependent volume control

To compensate for outside and road noises the volume of the radio can be adjusted in line with the speed of the vehicle.

The volume increase can be adjusted to between 0 (switched off) and 5 (strong boost).

- Press **TUNER** control **7** until a confirmation tone sounds.
- ✓ The volume increase appears in the display, e.g. "SD-VOL +2"
- Set the required volume increase using the search controls ✓ or ▷.
- To store the setting press **TUNER** control again until a confirmation tone sounds.
- If no control is pressed within 10 seconds of the setting being made, the previous setting remains stored and the unit returns to its normal operating mode.

External source

An external source can be connected to the CDR 2005 (e.g. mobile phone, navigation system, etc.).

The external source is automatically switched through a control signal on the connected unit, even when the CDR 2005 is switched off. In this case the display shows "MESSAGE".

To be able to use this function, the unit (telephone, navigation system, etc.) must be connected to the CDR 2005 by a Vauxhall Dealership.

Traffic reports whilst the external source is active

The external source takes priority over traffic reports. You may however listen to a traffic report if necessary by switching on TP.

During a traffic report, instead of "MESSAGE", the program name of the TP appears in the display.

Press **TP** control **11** to switch between a traffic report and an external source.

Volume of an external source

The playback volume of an external source can be programed in addition to the normal volume.

- Switch on the ignition.
- Switch off radio 1 with push control.
- Press **TP** control **11** and hold down.
- Switch on radio and keep **TP** control pressed until a confirmation tone sounds.
- ✓ The set volume for the external source appears in the display, e.g. "MS-VOL -2".
- Set using the search controls

 or

 the required volume for the connected unit.
- Listen to the selected volume during adjustment.
- The adjustment range lies between -3 and +3.
- To store the setting press the **TP** control again until the confirmation tone sounds.
- If no control is pressed within 10 seconds of the setting being made, the previous setting remains stored and the unit returns to its normal operating mode.

Coding

- The CDR 2005 is protected by an electronic code. A coded unit is useless if stolen.
- If the CDR 2005 is isolated from the power supply, e.g. when removing the unit (anti-theft) or unclamping the car battery, it is electronically protected.
- You can operate the radio again by entering the correct code number.
 The code number is on the car passcard or radio passcard.
- Keep the car passcard or radio passcard in a safe place e.g. together with the vehicle papers, but never in the vehicle itself.

To prevent the CDR 2005 being switched on by "code cracking", you have to wait after the incorrect code has been entered.

IMPORTANT!

- The radio must remain switched on during the waiting time.
- "SAFE". After the first two incorrect attempts, the waiting time is approx. 20 seconds, then 10 minutes. After the 9th failed attempt, the waiting time is 640 minutes.
- After 10 failed attempts, the radio is inoperative. An expensive replacement procedure must then be carried out by a Vauxhall Dealership.

It is therefore recommended that you contact a Vauxhall Dealership to re-commission the unit after the 6th failed attempt.

The number of remaining decoding attempts appears in the display.

Cancelling electronic lock

(e.g. after power supply is isolated)

If after switching on the radio "SAFE" appears in the display:

Switch on the ignition.

Switch off radio with push control.

Press AS control 9 and hold down.

Switch on radio and hold **AS** control down until a confirmation tone is heard.

"CODE" appears in the display, after 3 seconds the number of remaining attempts to enter the CODE number appears, e.g. "10 ---.

Enter CODE number (on car passcard or radio passcard) using the preset controls **1,2,3** and **4**.

Example: The CODE number is 0 3 6 5

Preset controls 5 Display

Press control 1 once 0 - - -

Press control 2 four times 0 3 - -

Press control 3 seven times 0 3 6 -

Press control 4 six times 0 3 6 5

- Confirm CODE number: If the correct CODE number can be read from the display, press the AS control until a confirmation tone sounds.
- Muting is disabled.

▶

Incorrect code number confirmed

If you inadvertently enter and confirm an incorrect code number:

- ✓ "SAFE" appears in the display and the waiting time lapses.
- ✓ After the waiting time "CODE" appears for approx. 3 seconds and then the number of attempts remaining, e.g. "9 - - - -".
- There are still 9 attempts remaining.
- Enter the correct code number.

De-activate radio code (Disable anti-theft device)

If you prefer not to have a radio code you can disable the anti-theft device by decoding.

- Proceed as described under "Cancelling electronic lock".
- Muting is disabled.
- The radio is no longer protected if the power supply is isolated.

Activate radio code (Re-enable anti-theft device)

- Proceed as described under "Cancelling electronic lock".
- Muting is disabled.
- The unit is now protected again.

Troubleshooting

If your CDR 2005 does not function as you would expect, please read the operating instructions carefully and go through the following checklist before contacting Customer Care.

If you cannot find a solution to the problem, please refer to a Vauxhall Dealership.

Error message / Symptom	Possible cause / remedy	Contact Customer Care
General		
Radio cannot be switched on either with control 1 or ignition key.	Radio fuse or vehicle fuse-box faulty.	х
Display message SAFE.	The power supply to the unit has been interrupted (unclamping vehicle battery, removing unit). Switch on the ignition. Enter the radio code.	
When some RDS stations are received, the incorrect time suddenly appears in the vehicle display.	Not all RDS stations transmit a correct time signal. Switch off the automatic time update through the RDS station, see vehicle operating instructions.	
CD		
"ERROR" in the display. Unit switches back to radio.	After the CD inserting procedure: CD incorrectly inserted. Incompatible audio CD inserted. CD scratched or otherwise damaged. Insert an undamaged and compatible audio CD with the printed side upwards.	
	During CD playback: Temperature of radio too high. A circuit protects the unit from damage due to overheating. Wait until the temperature of the unit has gone back to normal.	
An ejected CD that has not been accepted is retracted again by the unit when the ignition/unit is switched off.	No error. Remove the CD before switching off the ignition/unit.	

General information

If you experience a functional defect, refer to a Vauxhall Dealership.

FM reception

With FM car radio reception, despite sophisticated technology, differences to domestic radio reception appear, which may also be noticed if an RDS station is interrupted.

The vehicle operating manual provides information on the physical causes of such defects.

Handling CDs

Avoid finger marks when handling CDs. After removing from the slot, put CD back into sleeve immediately, to protect it from damage and dirt.

Store CDs away from heat and direct sunlight.

External source units

An external source unit can be connected to the CDR 2005 (e.g. mobile phone, navigation system, etc.).

To be able to use any of these units they must be connected to the CDR 2005 by a Vauxhall Dealership.

Voltage interruption

All user-specific settings (e.g. station memory) are stored when the vehicle battery is disconnected.

Through the passive anti-theft device (coding) the unit is electronically locked after a power supply voltage interruption. Re-start by entering the code number, see Page 17.

Re-starting after losing the code number must be carried out by a Vauxhall Dealership after providing proof of ownership and after receipt of payment.

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0 0 0 0 0 0 0 0 0
0 2 3 4 4 5 0 7 3 9 0
1 2 6
0000000000
at ◀or ► 《Fast rewind 》Fast forward