Radio Type CAR 2002 R 2001
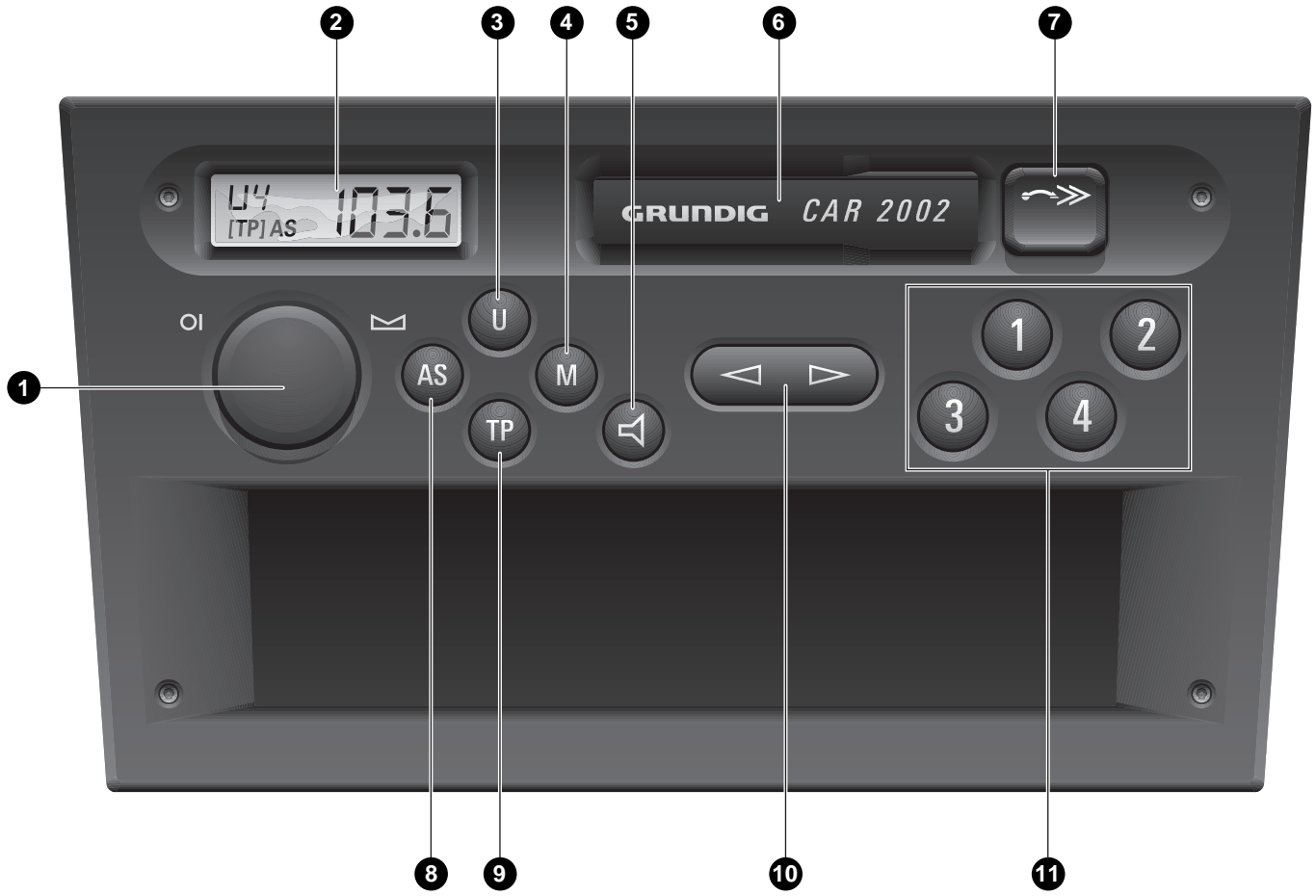
Overview

Controls

No. Symbol Meaning

❶ **OI**   Switch on and off: Press

◢   Volume adjustment: Rotate

◣   Balance setting: Pull and rotate

❷   Display indicator

❸ **U**   Ultra short wave (FM)

❹ **M**   Medium wave

❺ ◁   Switching the loudspeakers on and off

❻   Cassette compartment

❼ ➤   Cassette eject: Depress control completely

»   Fast forward: Depress control halfway

❽ **AS**   AS-Select wave band; Auto-store

❾ **TP**   Switching the traffic programme function on and off

❿ ◄   Search control backward

►   Search control forward

⓫ **1 … 4**   Station controls (1 to 4)

This operating manual is for the R 2001 and CAR 2002 car radios.

The CAR 2002 differs from the R 2001 in that it is fitted with a cassette drive ❻ / ❼ also an outside temperature indicator on the display.

Contents

General explanation

Information on this operating manual

In order to quickly gain an overview of the diverse functions of the R 2001/CAR 2002, you will find a survey of all the display and operating elements 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 "Troubleshooting" chapter. Doing so often means avoidable errors can be quickly remedied.

The following symbols are intended to make the operating manual easier to read:

☞ A hand in front of the text asks you to do something.

✔ A tick in front of the text represents the car radio's reaction.

● A dot in front of the text gives you additional information on the topic.

❏ A square before the text marks an enumeration.

⚠ A safety notice or warning containing important information on the safe use of your car radio.

▶ An arrow indicates that the current topic is continued on the next page.

Anti-theft protection

Coding

The unit is equipped with a passive security system that provides anti-theft protection.

A coded radio is worthless for the thief.

The radio code is printed on your radio or car pass.

Thus, the radio or car pass should never be stored in the vehicle.

Radio code

If the ignition is switched on, »CodE« appears briefly on the display each time the coded radio is switched on.

The radio code is activated at the factory. The radio's coding can be deactivated by entering the radio code, see page 9.

Switching on and off

☞ To switch on and off, press control ❶.

Switching on and off with the ignition key

When the radio is on, it can be automatically switched on or off by either removing or inserting and rotating the ignition key.

This "coupling" can be switched off, see page 8.

Automatically switching off the radio

If the radio has been switched on by using the ❶ control, it will automatically switch itself off either after one hour or after the ignition key has been removed.

Volume

☞ To adjust the volume setting, rotate control ❶.

● When the radio is switched on, the volume will be at the last volume level selected.

Balance

Volume balance left <-> right.

☞ Pull and rotate control ❶.

✔ The volume balance changes to the left <-> or to the right.

☞ Release the control.

Muting the loudspeakers

☞ Press the ◁ control ❺.

✔ »no SP« appears in the display.

● While the set is muted, no traffic information is heard.

Deactivating the muting function

☞ Press the ◁ control ❺.

✔ The display indicates the radio mode or the temperature.

● When switching the set on again, the muting function is automatically deactivated.

Radio

Playing the radio

during cassette playback (CAR 2002 only)

☞ Press the **7** control.

Selecting a wave band

☞ Select the wave band with U – **3** or
M – **4** controls.

❏ U = ultra short wave (FM)

❏ U_{AS} = FM_{AS} – memory level

❏ M = Medium wave (AM)

❏ M_{AS} = MW_{AS} – memory level

Example: An FM station

● The wave band is shown on the display
("U" or "M").

● The »**AS**« symbol also appears on the
display, when the radio is tuned to a
memory level.

Searching for and tuning to a station

There are different ways you can search for
stations:

❏ Station search

❏ Manual tuning

❏ AS (Auto Save), see page 6.

Station search

☞ Depress search control ◄ or ►
rapidly.

✔ The radio automatically reverts to mute
until a station has been found.

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

Manual tuning:

("TP" must be switched off.)

This way you can set stations whose
transmitter frequencies you already know.

General search:

☞ Keep the search control ◄ or ► **10**
depressed until you have almost reached
the frequency of the station desired.

Fine-tuning:

☞ Keep pushing the ◄ or ► **10** search
control until the station's exact frequency
is shown on the display.

TP (Traffic Programme)

TP stations are FM stations which broadcast
traffic news. Traffic report stations are
recognisable by the »*TP*« symbol on the
display.

Switching TP on

☞ Select the FM wave band by pressing the
U control **3**.

☞ Press **TP** control **9**.

✔ »**[TP]**« appears on the display.

✔ »**[ ]**« appears on the display during a
search or if a TP station cannot be
received.

TP is switched on

● Only TP stations can be received.

CAR 2002 only

● When the TP function is switched on,
traffic reports will also interrupt cassette
playback.

● If the selected traffic report station can no
longer be received during cassette
operation, the radio will search for the
nearest traffic report station on the dial.

Switching TP off:

☞ Press **TP** control.

or

☞ Depress the »**TP**« control twice in order to switch TP off during a traffic report.

✔ »**[TP]**« disappears from the display.

To hear traffic reports only

If you only want to listen to traffic reports:

☞ Switch on TP with the **TP** control.

☞ Turn the volume all the way down.

✔ Traffic reports will be heard at the pre-programmed TP volume.

Breaking off a traffic report

To break off a traffic report, e.g. during cassette playback:

☞ Depress the **TP** control once during the traffic report.

✔ The traffic report is broken off.

✔ **TP** remains switched on.

Station memory

There is enough memory for a total of

20 stations:

❏ 4 x U (FM),

❏ 4 x M (AM),

❏ 4 x U_{AS} (Auto-stored FM stations),

❏ 4 x M_{AS} (Auto-stored AM stations),

● The memory positions can be chosen by pressing station controls <> **1** to **4**.

AS level on FM and AM

☞ Lightly press the **AS** control (to switch over to the AS memory positions (U_{AS} or M_{AS}).

✔ »**AS**« appears on the display.

Storing

☞ Setting the wave band and stations.

☞ Keep the station control (1 to 4) onto which the station is to be stored depressed.

✔ The radio mutes for a short period and displays the station which has been stored at this memory position.

✔ As soon as the station you are tuned to is audible again, the station will be stored at this station control.

✔ The selected memory position will appear on the display.

```
 U  3      100.6
 TP
```

FM station on memory position 3

5

AS (Auto-store)

is available on the U and M wave bands.

☞ Select a wave band.

☞ Press the **AS** control ❽ until a confirmation tone is audible.

✔ The radio automatically switches over to the AS memory level of the selected wave band.

✔ »**AS**« appears on the display.

✔ A station search starts.

✔ The reception area's four strongest stations are stored at the AS memory positions.

● The stations previously stored manually at the AS memory position will be erased.

When exiting the reception area of the stored stations, store new stations:

☞ Press the **AS** control until a confirmation tone is audible.

● If TP switches on before or during the auto-store, the radio calls up a memory position with a traffic report station upon finishing the station search.

● If TP is switched on during the auto-store, the search operation remains active until at least one TP station has been found using the auto-store.

● AS memory positions can also be programmed manually, see "Storing", page 5.

Calling up a stored station

☞ Select a wave band.

☞ Choose a memory position using the station controls.

Calling up the stations saved on the AS:

☞ Select a wave band.

☞ Press the **AS** control briefly.

☞ Choose a memory position using the station controls.

A station on a memory position

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Cassette

(CAR 2002 only)

Cassette playback

☞ Insert the cassette into the cassette compartment ❻ (tape to the right).

✔ The cassette playback starts.

✔ »*CAS*« appears on the display.

```
CAS
```

Cassette playback

● CAR 2002 switches over to radio play at the end of the tape.

Fast forward:

☞ Depress the control 》❼ halfway.

✔ The "Start" control lights up.

● CAR 2002 switches over to radio play during fast forward.

```
FF
```

Fast forward

Stopping fast forward:

☞ Press control 》❼ briefly.

Cassette eject

☞ Depress the 》❼ control completely.

✔ The cassette will be ejected.

● The cassette eject also works when the unit is switched off.

Extended functions

Special settings

Ignition lock logic

The unit can be switched on and off using the ❶ control.

When the radio is on, it can be automatically switched on or off by either removing or inserting and rotating the ignition key.

This coupling between the radio and the ignition/starting switch is activated at the factory. It may, however, be deactivated.

● When the ignition lock logic is deactivated (I OFF) the radio can only be switched on and off using the ❶ control.

Deactivating the ignition lock logic

☞ Switch the ignition on.

☞ Switch the radio off using the ❶ control.

☞ Press controls ⓫ 1 and 3 and keep them depressed.

☞ Switch the radio on and keep the digit controls depressed until a confirmation tone is audible.

✔ Before the confirmation tone, the current state of the ignition lock logic appears briefly on the display:
»I ON «: on,
»I OFF«: off.

✔ The state shown on the display will change after the confirmation tone.

Activating the ignition lock logic

☞ Repeat the steps described in "Deactivating the ignition lock logic".

✔ »I ON« should appear on the display after the confirmation tone.

Outdoor temperature

(CAR 2002 only)

When the outdoor temperature display is switched on, it can be either be displayed in alternating order with the frequency display or permanently.

☞ Switch the radio off using the ❶ control.

☞ Press controls ❹ M and ◁ ❺ and keep them depressed.

☞ Switch the radio on and keep the digit controls depressed until a confirmation tone is audible.

✔ Before the confirmation tone, the current temperature appears briefly on the display:
»OPL I« : Variable,
»OPL 2«: Constant.

✔ The state shown on the display will change after the confirmation tone.

The setting »OPL 2« allows you to briefly switch over to the frequency display by pressing the search controls ◄ or ► ❿.

The outdoor temperature display can be switched on or off.

☞ Switch the radio off using the IO control ❶.

☞ Press controls ❺ ◁ and 2 ⓫ and keep them depressed.

☞ Switch the radio on and keep the digit controls depressed until a confirmation tone is audible.

✔ Before the confirmation tone, the current outdoor temperature appears briefly on the display:
»O ON« : on,
»O OFF«: off.

✔ The state shown on the display will change after the confirmation tone.

The outdoor temperature can be displayed in either °C or °F.

☞ Switch the radio off using the ❶ control.

☞ Press controls ❺ ◁ and 1 ⓫ and keep them depressed.

☞ Switch the radio on and keep the digit controls depressed until a confirmation tone is audible.

✔ Before the confirmation tone, the current outdoor temperature appears briefly on the display.

✔ The state shown on the display will change after the confirmation tone.

Coding

- The unit is protected by electronic coding. A coded radio is worthless for the thief.

- The car radio remains electronically protected if it is separated from the operating power, for example, when the car radio is removed (theft) or when it is disconnected from the car battery.

- Only you can make the car radio function again by entering the correct code number. The code number is on the car pass or the radio pass.

- The car pass or the radio pass should be kept in a secure place, for example, with the vehicle documents.
  These documents should never be kept in the vehicle itself.

There is a waiting period after failed attempts to deactivate the code, in order to minimise the possibility of deactivating the coding by trial and error.

Please note:

- The car radio must remain switched on during the waiting period.

✔ »SAFE« appears on the display.

- After the first two failed attempts, the waiting period is approx. 10 seconds, then 10 minutes. After the ninth failed attempt, the waiting period is 640 minutes.

- The car radio is blocked after ten failed attempts. This means an exchange at a Vauxhall Dealership, the costs of which shall be born by the owner, is necessary.

For this reason we recommend that, after the 6th failed attempt, the car radio be put into operation again by a Vauxhall Dealership.

The number of decoding attempts remaining is shown on the display.

Entering the Code
(for example, after a power cutoff)

If the car radio has been switched on, »SAFE« appears on the display:

☞ Switch the ignition on.

☞ Switch the radio off using the ❶ control.

☞ Press and hold the **AS** ❽ control.

☞ Switch the radio on and keep the **AS** control depressed until the confirmation tone is audible.

✔ »SAFE« appears on the display and the number of decoding attempts remaining appears after 3 seconds,
for example, »IO - - - -«.

☞ Enter CODE number (on car passcard or radio passcard) pressing the preset controls **1**, **2**, **3** and **4**. one more then the code number required.

Example: The CODE number is 0 3 6 5

Preset controls ⑪	Display
1 x control 1	0 - - -
4 x control 2	0 3 - -
7 x control 3	0 3 6 -
6 x control 4	0 3 6 5

☞ Checking the code number:
Each individual digit can be corrected with its respective station control.

☞ Confirm the code number:
When the correct code number appears on the display, press the **AS** control again until a confirmation tone is audible.

✔ The mute is now cleared.

Confirming an incorrect code number

If you have inadvertently entered an incorrect code number and confirmed it:

✔ »SAFE« will appear on the display and the waiting period elapses.

✔ Once the waiting period has ended, »CodE« appears for 3 seconds and then the number of decoding attempts remaining, for example »9 ----«.

● Now only 9 decoding attempts remain.

☞ Enter the correct code number.

Deactivating the radio code
(Cancelling the anti-theft protection)

If you do not wish to have the radio coded, you can cancel the anti-theft protection by decoding.

☞ Repeat the steps described in "Entering the Code"

● The car radio is now no longer protected against theft in case of loss of power.

Activating the radio code
(Reinstating the anti-theft protection)

☞ Repeat the steps described in "Entering the Code."

● The car radio is now protected against theft.

General information

In case of malfunctions, please contact a Vauxhall Dealership.

FM reception

Despite technological advances, differences between FM reception on car radios and stationary radios can cause interference.

More information on the physical causes of such interference may be found in the vehicle's operating manual.

Caring for cassettes and the cassette player

Cassettes should never be exposed to intense heat or direct sunlight. You should use C 60 or C 90 cassettes produced by reputable manufacturers.

Cassettes should be stored in cassette boxes to protect them from dirt and dust.

The cassette player should be cleaned with a moist cleaning cassette, at the latest when playback quality deteriorates.

Power cutoff

All user-specific settings (for example, station memory) remain stored, even if the vehicle's battery is disconnected.

The car radio is electronically locked after a power cutoff as a result of the passive anti-theft protection (coding). The car radio can be put into operation again by entering the code number;

If you lose your code number, the car radio can only be put back into operation again by a Vauxhall Dealership upon showing proof of ownership and for a fee.

Troubleshooting

If your car radio is not working the way you expect it to, please read the operating manual carefully and consult the following checklist before you contact customer care team.

Should you not be able to find a solution to the problem at hand, please contact a Vauxhall Dealership.

Error message/symptom	Possible causes/correction	Contact Customer Care
General		
The radio cannot be switched on, either with the control ❶ or with the ignition key.	The fuse in the vehicle is faulty, see vehicle operating manual.	
	The radio fuse is faulty.	X
No audio play	Display "no SP" ☞ Press the control ❺	
Display message: SAFE	The car radio's operating power was interrupted (disconnection of the vehicle's battery, the car radio is removed). ☞ Switch the ignition on. ☞ Enter the radio code.	
C --/F -- (CAR 2002 only).	A fault has been identified.	X
Cassette (CAR 2002 only)		
The quality of the cassette playback is poor. Tones are missing or a channel has failed.	The head is dirty. ☞ Clean the cassette player with a moist cleaning cassette.	
The cassette does not play.	☞ Rewind and fast forward the cassette once from beginning to end.	

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