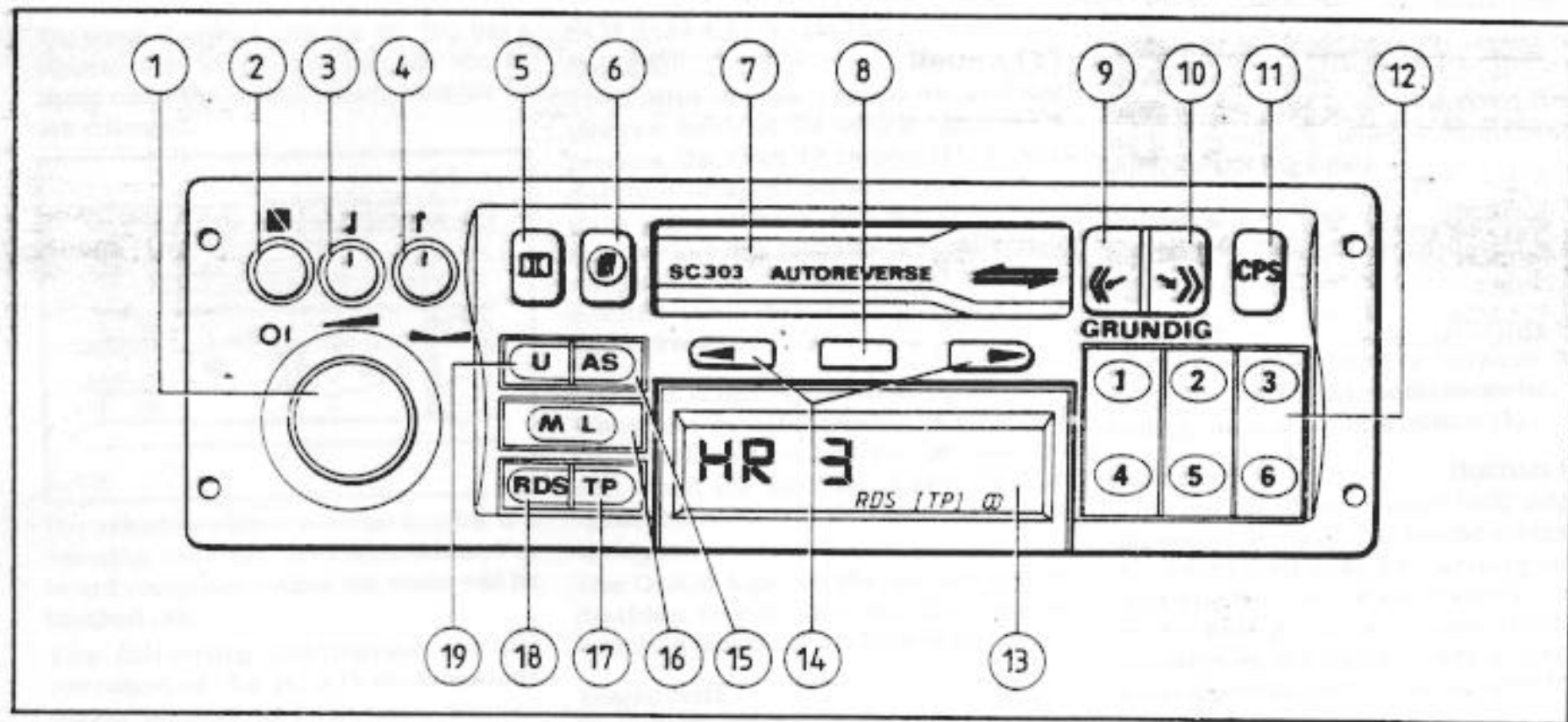


Type SC 303



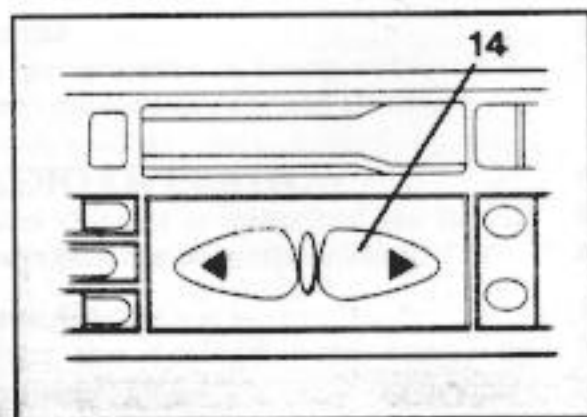
- 1 On/Off switch/volume control/
balance control
- 2 Fader
- 3 Bass control
- 4 Treble control
- 5 Dolby B
- 6 Cassette reverse button
- 8

- 7 Cassette compartment
- 8 Display removal button
- 9 Fast forward
- 10 Fast rewind
- 11 Cassette programme search
- 12 Station presets
- 13 Removable Display

- 14 Buttons for search manual tuning
- 15 Autostore button
- 16 Medium/Longwave button
- 17 Traffic Programme
- 18 R.D.S.
- 19 FM button

Type SC 303

On some Vauxhall cars the SC 303 has a display that is remote from the set. In these cases the search tuning buttons 14 are enlarged.



On vehicles with a remote display if a warning code for the check control or board computer occurs the radio will be blanked out.

The following description for the operation of the SC 303 radio/cassette player applies to both units with or without remote display.

SOUND CONTROLS

On/Off Button (1)
The radio can be switched on and off independently of the vehicle ignition by pressing the ON/OFF button (1). A time duration of approximately one hour is then programmed into the set. Once this period has elapsed the radio will automatically switch off and will not operate until the on/off button (1) is again pressed.

On/Off Logic (ignition operated)
When the vehicle ignition is switched off, the radio if on, will also be switched off. When the ignition is switched on again the radio will also be switched on again.

The On/Off logic via the ignition can be disabled so that the unit can only be switched on/off via the button (1).

Logic "off"
To switch off the logic, switch on the ignition, press and hold the station presets (12) 1 and 3 and switch the set on. Keep the presets pressed until a bleep is heard.

Logic "on"
To switch the logic back on repeat the procedure for logic "off".
Note: If the unit is disconnected from the power supply, when reconnected it will have the logic on.


Volume Button (1)
The radio volume is adjusted with control button (1).

Balance Button (1)
Adjust the stereo balance between left, clockwise and right, anti-clockwise, by pulling out and turning button (1).

Fader Button (2)
Press button (2) to release lock. Adjust the sound level of the loudspeakers in the front and rear by turning anti-clockwise for front or clockwise for rear. In the mid position volume from all speakers is the same. After selecting desired position press button to lock.

Bass Button (3)
Press button (3) to release lock. Adjust bass to desired level and press button to lock.

Treble **Button (4)**
Press button (4) to release lock. Adjust treble to desired level and press button to lock.

Stereo
If a programme is being received in stereo the display (13) will show .

RADIO OPERATION

When the set is switched on it will always play the last station heard.

Wave Range

Select the desired wave range by pressing:



U (19) - FM

M (16) - Medium wave

L (16) - Long wave



The display will show the wave range selected, either U, MW or LW. In some cases on the FM wave range, instead of U, the station name may be displayed.

Search Tuning

Press one of the tuning buttons (14), up () or down () and you will receive a station after a short time. If a button is

pressed for approximately 1 second the unit will search for the next station.

Manual step by step tuning

Press briefly one of the tuning buttons (14)  or . The frequency changes with one step up or down. One step is 50 kHz for FM and 1 kHz for MW and LW.

Note: If RDS appears in the display the RDS button (18) must be pressed before step by step tuning is possible.

Manual fast tuning

Keeping one of the tuning buttons (14) pressed.

After 1 second fast scanning starts and will continue until you release the button. During this operation the radio is muted.

PROGRAMMING PRESETS

(1-6)

1. Select the wanted wave range with the U/LM buttons (16/19) LW, MW, FM.
2. Tune accurately to the desired station by means of:

- a. SEARCH TUNING or
- b. MANUAL TUNING.

3. The tuned transmitter is programmed as follows:

Press the desired preset button (12) until the station tuned to can be heard again. The selected station name or frequency and preset number will be displayed.

4. Programme the other preset buttons in the same way.
5. Repeat the above mentioned operation for the other wave ranges.

AUTOSTORE

AUTOSTORE both on the FM and the MW band is an extended search tuning system. The radio offers the possibility to have stored automatically six additional stations per wave range by only one operation per wave range. AUTOSTORE is exceedingly useful when you are in a strange area, for example during your holidays or business trip you may automatically select the strongest stations in this area without knowledge of their frequencies.

Type SC 303

Programming the Autostore

Press briefly button (15) to select the AUTOSTORE operation mode in the previous chosen wave range (either FM or MW). Press AS button (15) until a 'bleep' is heard and the search for the strongest six stations will start. After completion of the search the radio will play the station set on number 1 preset.

Operation of Autostore

After programming you only need:

1. Select the FM or MW band with U/M button (16/19).
2. Press briefly AST button (as appears in display).
3. Press one of the preset buttons (12) the display shows either the station name or the frequency and the number of the operated preset.

To remove AUTOSTORE operating mode just press the required wave length button.

RADIO DATA SYSTEM (RDS)

RDS increases the operating convenience and optimises programme

reception. RDS incorporates:

1. Station name display – this makes it easy to locate your favourite stations.
2. Automatic re-tune – normally your selected station will fade as you drive longer distances. RDS will automatically re-tune as you drive, ensuring that the strongest available frequency for your chosen station is being used. This feature applies usually to national stations, eg BBC R1, R2 etc.
3. Learn memory – to save you time finding radio stations, this facility will automatically search and store the strongest RDS signals in your area (to a maximum of 17 stations).

Programming with RDS

Press button (19) to select the FM wave length. Next press the RDS button (18) briefly, RDS appears in the display (13). You may now select RDS stations using the search tuning buttons (14).

To allocate the learn memory, the RDS button (18) should be pressed and held until LRN appears in the display (13).

When the learn cycle is complete the radio will play the strongest signal first. The station abbreviation will be shown in the display (13), eg: 'BBC GLR' – BBC Greater London Radio. The frequency of the programme will also briefly be shown in the display. If you wish to confirm the frequency press button (5) briefly.

Under certain conditions when the received signal deteriorates to a very poor level the radio will go into a 'LEARN' mode in order to find a better signal. However if you still prefer to listen to the previous weak signal press the RDS or TP buttons (18) or (17).

RDS Scan

All RDS stations found on the 'Learn' facility can be selected one by one by briefly pressing one of the search tune buttons (14), RDS SCAN will be shown in the display. Your six favourite RDS stations can be stored by using the preset buttons (12), 1 to 6.

Note: These presets will replace any stations previously stored on the FM wave length.

Type SC 303

TRAFFIC PROGRAMME (TP)

In some areas broadcasters attach a signal alongside their traffic news.

In these areas your radio can search for a local station offering this facility. Your radio will then automatically pause a cassette, or increase radio volume when the sound is turned down, if the local station is transmitting the TP signal alongside its travel news.

Note: TP only operates with RDS.

Operation of Traffic Programme

On some RDS stations the letters TP may appear in the display. This indicates that Traffic Programmes are available on the selected station.

If you wish to hear the traffic broadcasts then press the TP button (17). [TP] appears in the display. The local traffic 'TP' broadcasts now interrupt the station or the cassette that you are listening to.

With the volume control (1) turned to its left stop only traffic flashes will be heard.

If the selected traffic programme is no

longer received, a search (LRN) to the strongest TP station will be started.

If you wish to select a non TP station, the TP button (17) must first be pressed otherwise a search for the next TP station will be started, after a short delay.

CASSETTE PLAYER OPERATION

Use cassettes of a good quality only.

Playback

Slide the cassette – with the open side to the right – into the cassette opening (7). The display shows the word CAS 1 or CAS 2 depending on which side of the cassette is about to play.

Playback starts and the radio is automatically muted. The unit automatically switches to the used tape type. If Chrome tapes are used Cr will appear in the display.

At the end of the tape the playback will be continued in the reverse direction. The direction of the tape may also be changed by pressing button (6).

Cassette Eject

Eject the cassette by pressing the buttons (9) and (10) fully home. Now remove the cassette.

(The word CAS disappears and the set switches to radio reception)

The cassette player also has a stand by mode. If buttons (9) or (10) are pressed briefly the unit will switch from cassette to radio but the cassette will remain in the cassette compartment. To return to the cassette from the radio again briefly press buttons (9) or (10).

Fast Forward and Rewind

To fast forward a tape press button (10) until it locks in. To stop fast forward press button (9).

To fast rewind a tape press button (9) until it locks in. To stop fast rewind press button (10).

During fast forward or rewind the unit switches to radio operation.

Cassette Programme Search (CPS)

Cassette programme search allows you

Type SC 303

to find a particular track on a cassette more easily or to repeat a track.


To switch on the CPS, press the CPS button (11). CPS will be shown in the display.


Using button (10) you may now forward to the next track on the cassette or by using button (9) return to the start of the track you have just heard. CAS CPS will be shown in the display when either of these functions is carried out.

To switch off CPS again press the CPS button (11).

Note: During CPS operation the radio remains muted.

Dolby B NR (noise reduction)

If the cassette has been recorded according to the Dolby NR system, press the  button 5 for optimal reproduction.

(The display shows the Dolby NR symbol )

For release of the Dolby NR system press the button 5 again (the indication symbol disappears).

SECURITY

To reduce the possibility of theft, your car radio is provided with a two stage security system (vehicles with a remote display will only have one system).

Removable Display

On radios with an integrated display, the display (13) may be removed and placed in its carrying case when leaving the car. As this display is coded to the unit in your car, without it the unit cannot be operated.

To remove the display press button (8).

To refit the display lightly press it into position.

Security Code

The security code number consisting of four numerals is printed on a 'passport' which is supplied with the vehicle handbook package.

How the security works

Once the security code has been activated, and the power feed to the unit is broken or the radio stolen it will refuse all functions unless the correct

code for this radio is entered.

If an incorrect code number is entered, the radio will refuse this code. Upon a wrong entry when coding or decoding there will be waiting times.

DO NOT SWITCH OFF THE SET DURING THE WAITING TIME.

The waiting time is approximately 3 seconds for the first three attempts. After this it is increased to 10 minutes and then with each further attempt doubled, reaching 320 minutes by the ninth attempt.

The number of attempts remaining is shown in the display (13).

After the tenth attempt 'SAFE' appears in the display (13) and the set is blocked.

It is recommended to have the set put back into operation by an authorised Vauxhall dealer after the sixth attempt.

How to activate the code

To activate the security code on a new radio:

1. Switch on ignition.
2. Switch off the radio (button (1)).
3. Press and hold AS button (15) and

Type SC 303

switch on the radio. The display (13) shows 'CODE', after 3 seconds it shows '----'.

4. Enter the code number (see radio passport) with preset buttons (12) 1, 2, 3 and 4.
5. Store the code with the AS button (15). Press the button until a bleep is heard.

Example: Assume that the code belonging to the radio is 3650.

Action	Display Shows
Switch on Ignition	
Switch off radio	
Press and hold AS button (15) and switch on radio	CODE
After 3 seconds	----
Press preset button 1, 4 times	3 ___
Press preset button 2, 7 times	3 6 __
Press preset button 3, 6 times	3 6 5 _
Press preset button 4, 1 time	3 6 5 0
Press AS button (15) until 'bleep' is heard	Radio Operates

Entry of Security Code

Every time after the supply of the radio has been disconnected you have to enter the specific code for your car radio:

1. Switch on ignition.
2. Switch on the radio (button 1). The display (13) shows 'SAFE', after 3 seconds it shows '10 ----'.
3. Enter the code number (see radio passport) with preset buttons (12) 1, 2, 3 and 4.
4. Press AS button (15) until a 'bleep' is heard and the radio starts operating.

If a wrong code number has been entered the display will show SAFE and, after the waiting time '9 ----'. The correct code should now be entered.

Examples: Assume that the code belonging to the radio is 3650.

1. Entry of correct code:

Action	Display Shows
Switch on Ignition	
Switch on radio	SAFE
3 seconds	10 ----
Press preset button 1, 4 times	10 3 ___
Press preset button 2, 7 times	10 3 6 __
Press preset button 3, 6 times	10 3 6 5 _
Press preset button 4, 1 time	10 3 6 5 0
Press AS button (15) until 'bleep' is heard	Radio Operates

Type SC 303

2. Entry of incorrect code:

Action	Display Shows
Switch on Ignition	
Switch on radio	SAFE
3 seconds	10 _ _ _ _
Press preset button 1, 4 times	10 3 _ _ _
Press preset button 2, 8 times	10 3 7 _ _
Press preset button 3, 6 times	10 3 7 5 _
Press preset button 4, 1 time	10 3 7 5 0
Press AS button (15) 3 seconds	SAFE
Enter correct code: 3650	9 _ _ _ _

Deactivating the Security Code

1. Switch on ignition.
2. Switch off the radio (button 1).
3. Press and hold AS button (15) and switch on the radio. The display (13) shows 'CODE', after 3 seconds it shows '10 _ _ _ _'.
4. Enter the code number (see radio passport) with preset button (12) 1, 2, 3 and 4.

5. Press AS button 15 until 'bleep' is heard and radio returns to operation.

Action	Display Shows
Switch on Ignition	
Switch off radio	
Press and hold AS button (11) and switch on radio	CODE
After 3 seconds	10 _ _ _ _
Press preset button 1, 4 times	10 3 _ _ _
Press preset button 2, 7 times	10 3 6 _ _
Press preset button 3, 6 times	10 3 6 5 _
Press preset button 4, 1 time	10 3 6 5 0
Press AS button (15) until 'bleep' is heard	Radio Operates

Coding Activated?

When coded, the set shows 'CODE' briefly in the display (13) each time it is switched on (providing the ignition is switched on).

Matching the Removable Display to the Radio

Switch on the ignition and switch off the radio. Press and hold the Dolby NR button (5) and switch on the radio. Keep the Dolby NR button (5) pressed until a 'bleep' is heard. The display is now coded to the radio."