Radio operation



Band Switch AM/FM

Band selection will be shown in the display panel. Pressing the band switch repeatedly will cycle the radio through FM and Medium bands (where applicable). When a cassette tape or CD is being played, pressing the Band Switch selects radio operation.



Auto memory (A–MEM)

The automatic memory function programmes the nine strongest stations on the selected waveband into presets **1** to **9**.

To activate this function, hold the **A–MEM** button for at least two seconds.

The radio is muted briefly while it searches the waveband for the nine strongest stations. A beep indicates that programming is complete and preset number **1** is selected.

If stations cannot be found for all preset buttons, those found will be allocated to preset buttons, starting with number **1**, leaving the remainder not programmed. The display will show **NO FM** or **NO AM** if unprogrammed buttons are selected.

To switch between the **A–MEM** preset stations and your own presets, press the button for less than two seconds.

A–MEM with radio broadcast data system (RBDS) selected

If the **A–MEM** function is operated while in RBDS mode, the radio will be muted briefly, while a search is made for the nine strongest RBDS stations. Similarly, if **A–MEM** is used with Traffic Announcement (**TA**) activated, the radio will only programme the nine strongest RBDS stations carrying traffic information.

If stations cannot be found for all preset buttons, those which are found will be allocated to preset buttons, starting with number **1**, leaving the remainder not programmed. The display will show **NO FM** or **NO AM** if unprogrammed buttons are selected.

Note: When used correctly, RBDS and TP are very effective additional radio capabilities. However, if these facilities are used without full understanding, they may cause confusion to the operator. This is less likely to occur as more RBDS stations become available.

See page 2-2 for operating the radio RBDS functions.

Radio broadcast data system (RBDS)

The Jaguar sound system is equipped with Radio Broadcast Data Systems (RBDS) which assists in finding and staying tuned to a chosen station. The radio decodes signals, transmitted with certain stations on FM, which provide the following functions (dependent upon service provided).

- **RBDS station name display**

  When RBDS is selected the station name is displayed in eight characters as well as the frequency. The display also identifies network 'splits', where different programmes are being broadcast on FM or Medium Wave.

- **Automatic re-tuning to follow network stations**

Note: Due to the transmittal of spurious RBDS Alternative Frequency signals by some radio stations, this function is switched off on US specification vehicles. If required, automatic re-tuning can be switched on again (refer to page 2-3).

  RBDS provides fully automatic radio tuning for network stations. It tunes to a signal not a frequency. The RBDS will search out the strongest signal available for a given station and automatically switches frequency as necessary.

- **RBDS Station/Programme type display and search**

  RBDS provides information as to the type of material broadcast by the station or programme that is on, i.e. **NEWS**, **CLASSICAL**, **ROCK**, etc. Apart from being able to display this, the radio can search for one specific programme type that is selected.

RBDS operation



To activate RBDS: press the **TA** button and hold for at least two seconds.
(Display: **RBDS ON**)

To de-activate RBDS: press the **TA** button again and hold.
(Display: **RBDS OFF**)

When RBDS is activated, the radio gathers RBDS information and displays the Service name and frequency, provided the programme chosen is an RBDS station.

If not, the radio will stay on station, the display will show the frequency and RBDS will stay on in readiness for a signal.

When listening to a National Network Station, or a station that broadcasts on more than one frequency, the radio will re-tune to the strongest available signal. This 'network following' will continue throughout the journey. (The unselected presets will also receive new frequency information, if appropriate.)

Note: On US specification vehicles, the above function is switched off at the factory. If desired, automatic re-tuning can be switched back on following the procedure under **Radio set up modes** on page 2-5 and using **Preset 8**.

When RBDS data is lost and no alternative frequency signal is available, the radio will stay on station, the display shows the frequency only and RBDS remains on in readiness for the signal to recover.

If the RBDS function does not respond correctly, refer to the RBDS Trouble-Shooting Guide on page 2-4.



Programme type – PT

This has two functions:

To display current station programme type and to select a programme type and re-tune to it.

Momentarily press the **PT** button to display the current station programme type. Use the tuning buttons to cycle through the available programme types, press the **PT** button again to activate a search for the selected programme type. If there is a station with the correct PT, the radio will re-tune to it. If not, the radio will indicate **NO PTY** and return to the current station.



Phone mode

Pressing this button selects phone mode (where fitted).

RBDS trouble-shooting guide

Incorrect response from RBDS	Reason and rectification
Radio does not display programme name	Check that RBDS is turned on by pressing the **TA** button and holding for more than two seconds. The display will confirm **RBDS ON** or **RBDS OFF** if radio does not display programme service name, it is not broadcasting RBDS data, or you are in a poor reception area. Try re-tuning to another station with RBDS.
Station name is lost and displays frequency only.	Radio has lost reception of the RBDS data due to vehicle moving out of transmitter range, or loss of signal in a tunnel, under a garage forecourt canopy or some similar shielding. If the latter is the case, wait until the vehicle is clear of the shielding. There is a short delay before the station name returns.
Upon operating the **A–MEM**, most or all of the presets display **NO FM** when pressed.	The radio cannot find nine FM, RBDS FM or TP stations dependent upon the mode selected. If this occurs, switch off **RBDS** or **TA** function and reselect **A–MEM**.
Radio sound goes off and the display shows **PI SEEK**.	The RBDS radio station selected is unable to confirm that the frequency tuned to has the correct RBDS data – programme identification (PI). It will then seek a frequency that has the **correct** data.

Radio set up modes

This function allows the radio to be set up to suit the user's operating preferences. By moving into **SET UP** mode and using the Preset buttons, the owner or Jaguar Dealer can choose whether certain radio facilities are active or switched off.

When in **SET UP** mode, pressing the relevant Preset button, as detailed below, will show on the display the facility that has been selected and its state. The selected facility can be changed to the user's preference by pressing the Preset button again.

To enter the set up mode: Press the **TAPE EJECT** and the **AM/FM** buttons simultaneously.

The display will show **SET UP**. The following preferences can then be selected and changed, in any order, as long as no more than 15 seconds elapse between Presets. After 15 seconds the display will clear.

Preset 1 Press Preset **1** to select the market mode, thereby enabling or disabling RBDS, depending upon RBDS availability in the user's country.

Preset 2 This preset controls the **TAPE CLEAN** reminder facility. To switch off this reminder, press the Preset **2** button until **TAPE CLN OFF** shows on the display.

Preset 3 This preset controls the **AERIAL CLEAN** reminder facility. To switch off this reminder, press the Preset **3** button until **AER CLN OFF** shows on the display.

Preset 4 This preset controls the telephone **Mute** facility. If a Jaguar telephone is installed, turn the telephone **Mute** on by pressing the Preset **4** button until **TEL ON** shows on the display.

Preset 5 **KEY OFF EJECT** – Sets the cassette tape to automatically eject when the ignition key is turned OFF.

Preset 6 Blank

Preset 7 **DIVERSITY OFF** – Used when Diversity Aerial System is connected to the radio.

Preset 8 **AF ON/OFF** – Used when specific RBDS problems occur, that may be helped.

Preset 9 Blank.

Preset 0 This preset is used to select one of the following regions: Europe, USA, Australia, Japan. Regional settings determine the correct frequency increments required for seeking stations, automatic tuning etc.

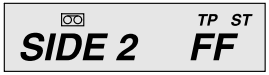
Note: Regions are preset at the factory.

Cassette tape player operation

At all times the display will indicate which function has been selected by using a simple word, figure or abbreviation – for example, **SIDE 1** or **SIDE 2**, or **FAST FORWARD** etc.

Insert a cassette into the aperture and it will start to play immediately. After playing one side, it will auto-reverse and play the other side. If a Metal or Chrome, rather than a Ferric tape is used, the equalisation will be automatically adjusted.

Example of cassette tape play display:



SEEK UP	Search to beginning of next track.
SEEK DOWN	Search to beginning of track being played.
REWIND	Rewind.
FAST FORWARD	Fast forward.
TAPE LOADING	Loading a tape into the mechanism.
TAPE EJECT	Ejecting a tape.
TAPE CLEAN	Tape mechanism requires cleaning.



Eject button and tape-in indicator

Press to eject the cassette.



Tape button

Pressing this button will play any cassette that is in the player. This function is also controlled by a button on the steering wheel (see page 1-3).



Band switches AM/FM

Pressing this button selects radio operation.



Dolby B

If you are using a cassette with a 'Dolby' recording, to select the noise reduction system, press the Dolby on/off button. An indicator is shown on the display.

Dolby noise reduction system is manufactured under license from Dolby Laboratories Licensing Corporation. 'Dolby' and the double-D symbol are trade-marks of Dolby Licensing Corporation.



Programme change button

While playing a cassette, press this button to change to the other side of the tape. This function is also controlled by a button on the steering wheel – press and hold (see page 1-3).



Forward, rewind control

This control has two functions, seek to track and fast wind in each direction. Momentarily pressing the right-hand button will activate tape search to the beginning of the next track. Similarly pressing the left-hand button will activate tape search to the beginning of the current track being played.

Pushing and holding either button for two seconds will activate continuous fast forward or rewind of the cassette. This can be cancelled by pressing the control in either direction.



CD Button

Pressing this button selects CD play (where fitted).



Phone Mode

Pressing this button selects phone mode (where fitted).

Compact disc (CD) player (where fitted)

The radio cassette is used to control the CD autochanger. The CD unit comprises an autochanger which contains a magazine to take six discs, each mounted in a tray. This equipment is installed in the luggage compartment. The CD autochanger is available as an accessory from your Jaguar Dealer.

CD check sequence

When the CD Player is switched on it performs a check sequence. Each disc tray in the magazine is checked in turn and the display will show **CHECK** and the tray number. When the six trays have been checked the player will return to disc one.

CD changer – loading and unloading discs and magazine

Ejecting the magazine

Slide the magazine door to the right (**A**). Press the eject button (**B**), the magazine will then partly eject from the changer.

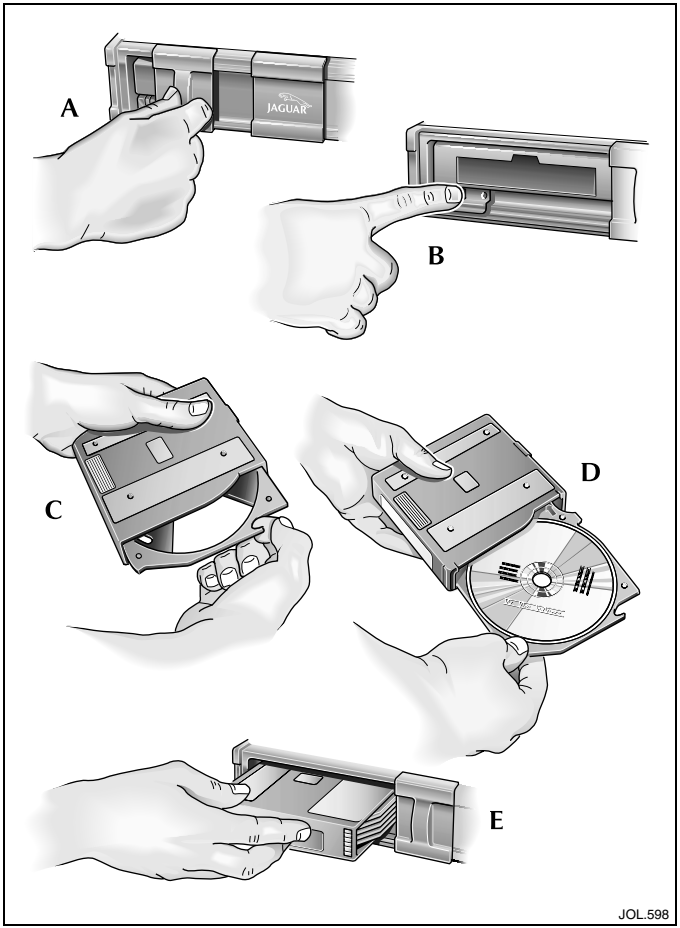
Pull out the disc tray from the magazine (**C**) and load your six selected discs into each tray with the labels facing upwards (**D**), taking care not to touch the playing surface. Push the tray back into the magazine until it clicks.

Disc tray slots are numbered **1** (bottom slot) to **6** (top slot).

Inserting the magazine

Insert the loaded magazine into the changer (**E**) with the arrow mark facing upwards and pointing towards the CD changer. Ensure that it clicks into position. Close the sliding door.

Keep the sliding door closed to prevent dust entering the playing mechanism.



CD operation

The radio display shows which CD function has been selected.

Example of CD Display, playing track 3 of CD1.



Other messages:

NO DISC – in the selected position.

NO MAGAZINE – in the CD Changer.

CD1 MIX 10 – the player is playing CD1 in MIX mode (track 10)

CD DMIX – all CDs are in MIX mode.

MAG EJECT – the magazine is being ejected.

DISC CHECK – the Autochanger is checking there is a disc.

PAUSE – the Autochanger is paused and ready to play.



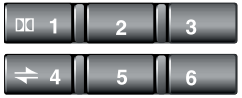
CD button

This button can select **CD** from either tape or radio mode. This function is also controlled by the appropriate button on the steering wheel (see page 1-3).



Band switches AM and FM

Press this button to return to radio.



CD selection

Buttons **1** to **6** directly select the CD in those positions in the autochanger magazine. If there is no disc in the selected position, **NO DISC** will be displayed. If there is no magazine in the changer, **NO MAGAZINE** will be displayed.



MIX and disc MIX

Momentarily press this button to select **MIX**. The player plays the tracks of the selected disc in random order. To cancel, press **MIX** again or any other button.

Press and hold to select **CD MIX**. The player plays tracks from any disc in random order. To cancel press **MIX** again or any other button.



Tape button

Pressing this button selects tape play, if a cassette is in the player.



Phone mode

Pressing this button selects phone mode (where fitted).



Forward, reverse control

This control has two functions: seek to track and fast play in each direction. Momentarily press the right-hand button to skip to the next track. Repeated pressing will select further tracks.

The left-hand button returns to the beginning of the current track. Repeated pressing selects previous tracks.

Pushing and holding either button selects continuous fast forward or fast reverse playing of the CD.

The sound level reduces during these cueing and reviewing modes. To cancel this mode, release the button.

CD player fault diagnosis

If the CD Player does not operate properly, an error message will be displayed. The following table gives fault diagnosis for each error message displayed.

MESSAGE	CAUSE	SOLUTION
E-01	Disc-change malfunction.	See your Jaguar Dealer.
E-02	Disc is in player mechanism.	Press the magazine eject button, insert an empty magazine into the player. Eject the magazine from the player by pressing the eject button. If the magazine fails to eject from the player, see your Jaguar Dealer.
E-03 E-04 E-05	Disc-change malfunction.	If the error message goes out within a few seconds, the unit is working correctly. If the error message stays on, see your Jaguar Dealer.
E-06	Disc-change malfunction.	Press the magazine eject button and pull out the magazine. Check that the error message goes out, then operate the function again. If the magazine cannot be pulled out, see your Jaguar Dealer.

CD player fault diagnosis (continued)

MESSAGE	CAUSE	SOLUTION
E-07	Magazine ejection impossible.	Press the magazine eject button. If the magazine does not eject, see your Jaguar Dealer.
E-30	High temperature.	The error message will go out when the temperature returns to within the operating range.
NOT CONNECT	Bad connection or disconnected CD changer.	Check connection between CD changer and control unit. See your Jaguar Dealer.
NO MAGAZINE	No CD magazine in the changer.	Insert the CD magazine.
NO DISC	No CD in tray of magazine.	Insert a CD into the tray of the magazine.

Z3Vlc3Q7MjAyNi0xMS0yNlQwMzozMDowMi45ODBaOzIxNi43My4yMTYuMjUyOw==