Radio

RADIO WITH TOUCH-SCREEN

On/Off control

Press the control knob to switch the radio on, press again to switch off.

Pressing the **AUDIO** button can also turn on the radio. When using the touch-screen in other operating modes, such as Navigation, Television (where fitted), Climate Control or any of the setup screens, pressing the **AUDIO** button will revert to the relevant audio screen.
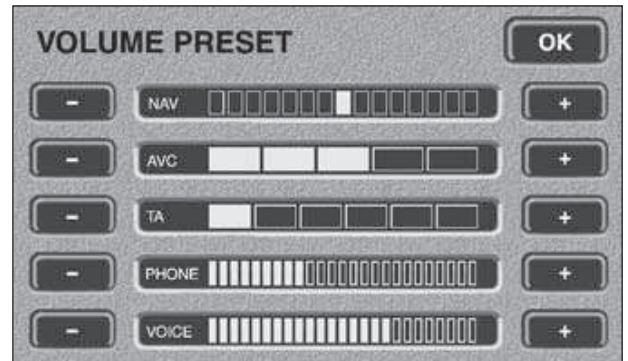
Volume control

JOL1627

Turn the control knob clockwise to increase or counter-clockwise to decrease volume, across a range of settings (0 – 35) to be displayed during and momentarily after adjustment.

When using the rotary control knob to adjust volume the touch-screen will show the above display to assist setting. The pop-up volume control slide will disappear from the display after five seconds or can be removed by touching it.

Any volume setting made whilst in audio, telephone or navigation mode or JaguarVoice, will be memorised for that system.

Automatic Volume Control

JOL1640

This maintains radio volume at a level sufficient to overcome road noise as vehicle speed increases or decreases. To activate AVC, press the **MENU** button, followed by the **VOLUME PRESET** button on the touch-screen. Once in the volume preset screen, AVC level can be adjusted (from OFF to 5) by repeatedly pressing the **+** or **–** buttons adjacent to the AVC volume indicator.
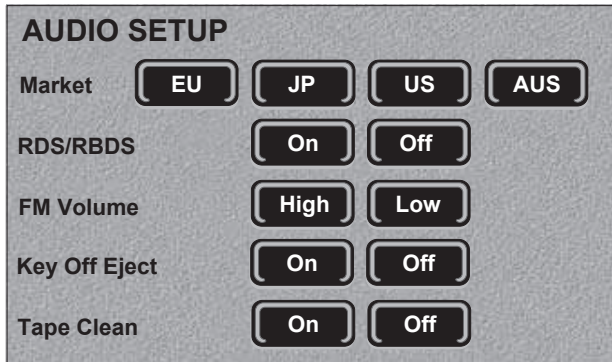
When AVC is ON, manual adjustment of volume will override the AVC setting.

Volume preset adjustments

Volume for Telephone, JaguarVoice, TA and Navigation can also be adjusted by using the **MENU** button on the right of the screen and selecting the volume preset button as appropriate.

Radio

Audio setup

AUDIO SETUP

Market	EU	JP	US	AUS
RDS/RBDS	On	Off		
FM Volume	High	Low		
Key Off Eject	On	Off		
Tape Clean	On	Off		

JOL1641

This function enables the radio to be set to user operating preferences. By selecting **SETUP** and using the buttons on the touch-screen, the owner or Jaguar Dealer/Authorised Repairer can adjust certain radio functions.

When in **SETUP**, pressing the relevant button will display the facility selected and its state. The state of that facility can be changed by pressing the button again.

To enter SETUP: Press **Eject** and **AM/FM** buttons simultaneously.

The display will show **AUDIO SETUP**. The preferences shown on the next page can then be selected or changed in any order. After 15 seconds the display will clear and exit **SETUP**.

Market During initial factory installation, this is used to set the radio to one of the following regions: Europe, Australia or Japan. Regional settings determine the correct frequency increments required for seeking stations, automatic tuning etc.

Note: The regions are preset at the factory. Should you require a regional change, consult your Jaguar Dealer/ Authorised Repairer.

RDS/RBDS Press ON/OFF buttons to enable or disable RDS, depending upon RDS availability in the user's country.

FM Volume FM volume high or low (compensate for poor signal strength).

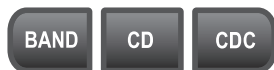*Note: This feature is not available in Australia and Japan.*

Radio

Digital Signal Processing (DSP)

DSP (premium audio system only) facilitates optimisation of sound for specific seating positions and is accessed via the **DSP** button shown on the touch-screen (audio screens only). The chosen setting can then be selected by touching the appropriate zone.

Options available are:

- Front left.
- Front right.
- Front centre.
- Rear seats.
- All seats.

Change audio system source

Press the desired audio system source button.

AM/FM mode

JOL1624

In AM/FM mode, touch-screen buttons provide for station selection and retuning. In addition, the upper panel displays waveband, **TA** and **PTY** as selected using the buttons on the radio panel.

BAND

Pressing **BAND** repeatedly will cycle the radio through FM, MW, LW and DAB (as applicable). When a CD is being played, pressing the band button will select radio operation.

Presetting memorised radio stations

⚠️ **WARNING:**

In the interests of road safety, do not attempt to preset a radio station while driving.

On each waveband, nine stations (18 each for FM and DAB) can be stored in the bank of nine buttons displayed on the touch-screen. To store a radio station as a preset, touch the selected button until a beep sounds to acknowledge the station has been stored.

A station can be recalled from the preset memory by momentarily pressing any of the preset buttons. The selected preset is highlighted by a red halo around the appropriate button.

Pressing the steering wheel preset selector button will cycle through the preset stations.

Seek and manual tuning

 In AM/FM mode, touch and release ⏮ ⏭ to activate the radio in seek mode, tuning through the frequency range to the next available station. Pressing either button for more than two seconds will enter manual tuning mode.

Note: Manual tuning is not possible when using DAB.

Radio

Auto Memory (A MEM)

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

Note: Not available when using DAB.

Note: These are additional to the preset stations described earlier.

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

The radio will be briefly muted while it searches the waveband for the nine strongest stations. When programming is complete the radio will default to preset number **1** and audio volume is restored.

If stations cannot be located for all preset positions, those that are found will be allocated positions commencing with number **1**, leaving the remainder not programmed. The display will show **NO FM** or **NO AM** as appropriate.

To switch between the A MEM preset stations and your own presets, press and immediately release the **A MEM** button.
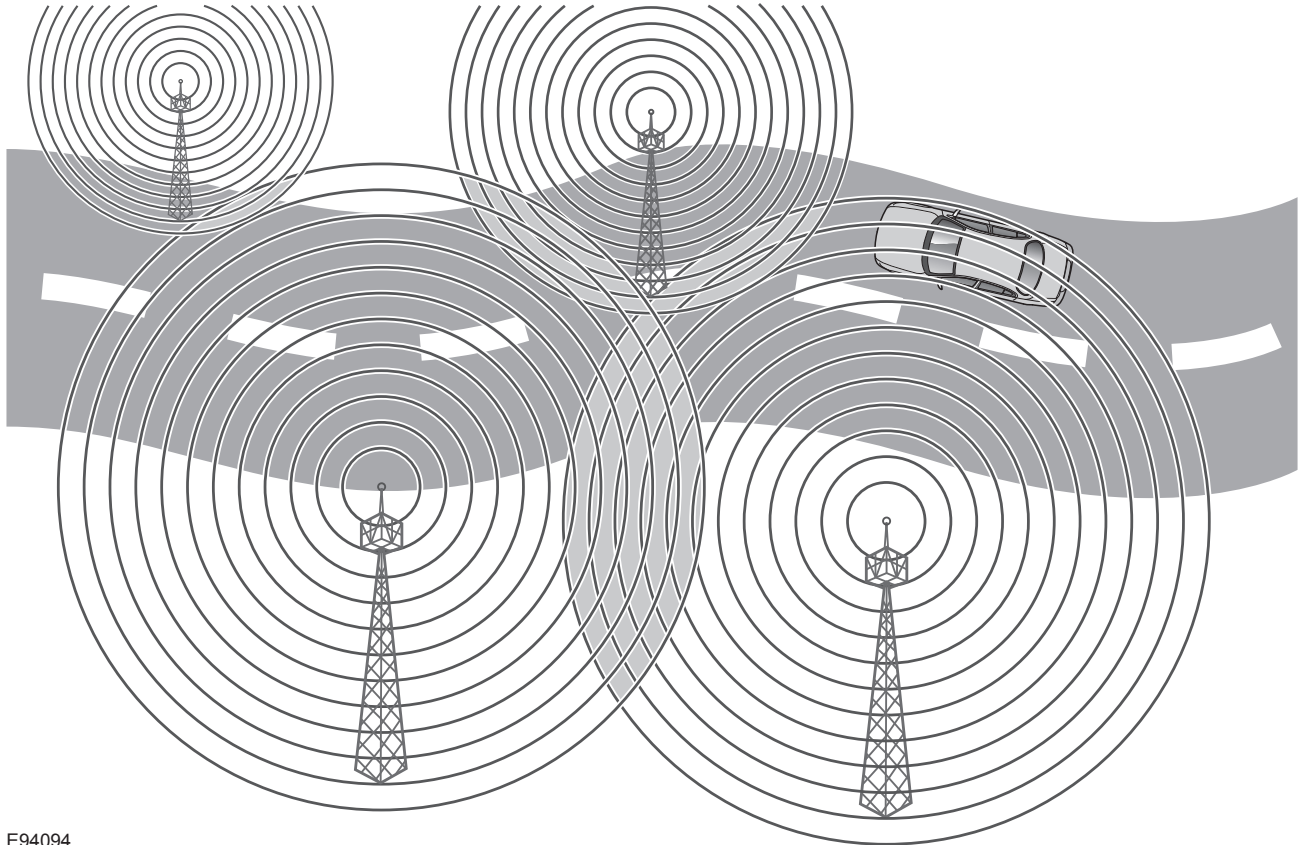
A MEM with Radio Data System (RDS) selected

If the **A MEM** function is operated while in **RDS** mode, the radio will be muted briefly, while a search is made for the nine strongest RDS stations.

Digital audio broadcasting (DAB)

GENERAL INFORMATION

Digital radio reception

E94094

DAB radio is very different from normal AM/FM radio in both operation and sound quality. The DAB network is designed to provide near CD quality from radio broadcasts. In most locations DAB signals are available without hiss, crackle, pop or interference, and no fading or overlap.

DAB radio can significantly increase the number of radio channels/stations available. The DAB signals are transmitted to most major cities, towns and motorway networks.

Radio signals travel in a straight line so large obstacles, such as tall buildings, can shield the vehicle from the signal, causing temporary loss of reception (known as dead spots).

Digital radio is transmitted from regional transmitters. Some local channels are not available outside the range of their transmitters. If you want to listen to local channels as you move around the country, use the auto-tune function **TUNE** to build new channel lists.

Ensembles

Unlike AM/FM radio, DAB transmits several stations/channels on a single frequency. A group of stations/channels is known as an ensemble. Ensembles may consist of six or more stations/channels (national or local). Some may have sub-channels offering several listening options.
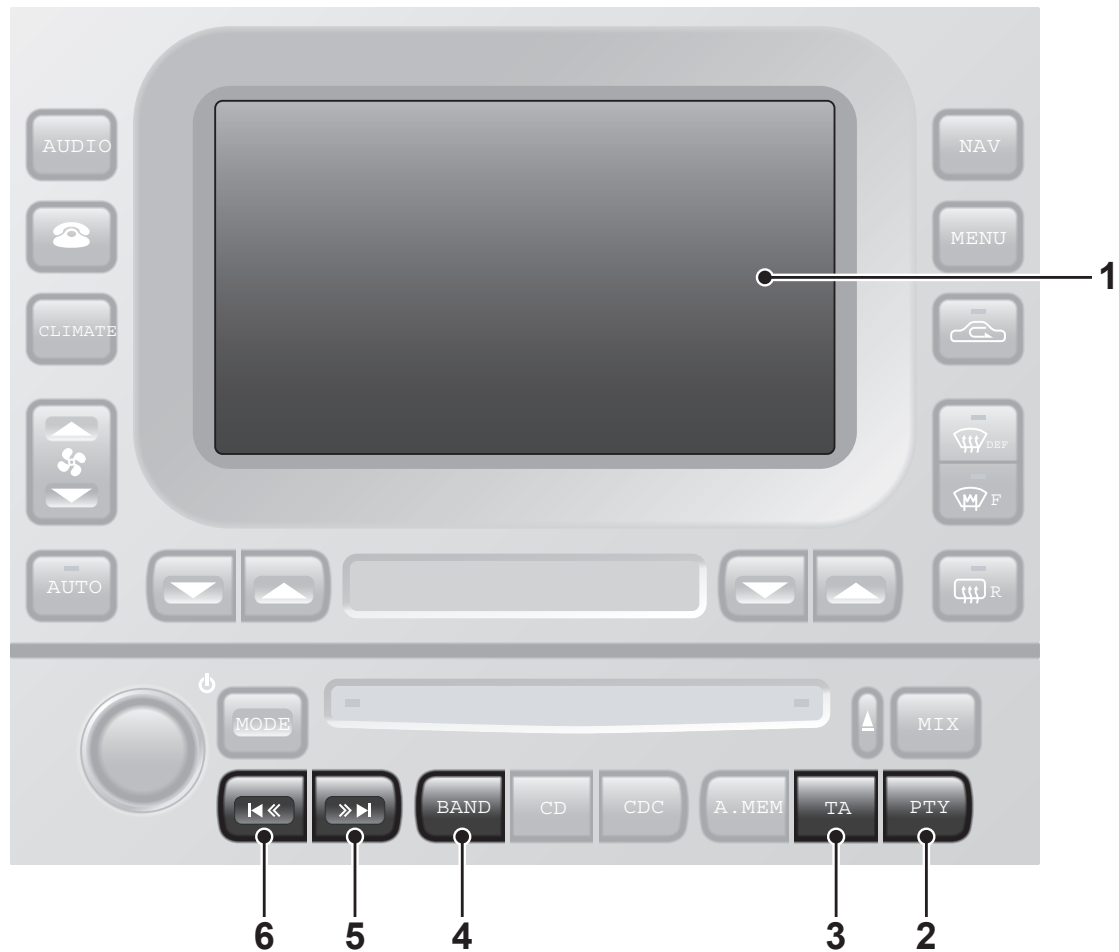
Digital audio broadcasting (DAB)

If reception is lost when the vehicle is in motion **No Reception** will be displayed on the touch-screen.

The table below provides an example of the ensembles, channels and sub-channels available in one location.

Ensemble	Channel/Station	Sub-Channel 1	Sub-Channel 2
First ensemble	Channel/Station 1		
	Channel/Station 2	Sub-Channel	
	Channel/Station 3		
	Channel/Station 4		
	Channel/Station 5		
	Channel/Station 6	Sub-Channel	Sub-Channel
	Channel/Station 7		
	Channel/Station 8		
	Channel/Station 9		
	Channel/Station 10		
Second ensemble	Channel/Station 1		
	Channel/Station 2		
	Channel/Station 3		
	Channel/Station 4		
	Channel/Station 5		
	Channel/Station 6		
	Channel/Station 7		
Third ensemble	Channel/Station 1		
	Channel/Station 2		
	Channel/Station 3		
	Channel/Station 4		
	Channel/Station 5		
	Channel/Station 6		
	Channel/Station 7		
	Channel/Station 8		

DAB Touch-screen
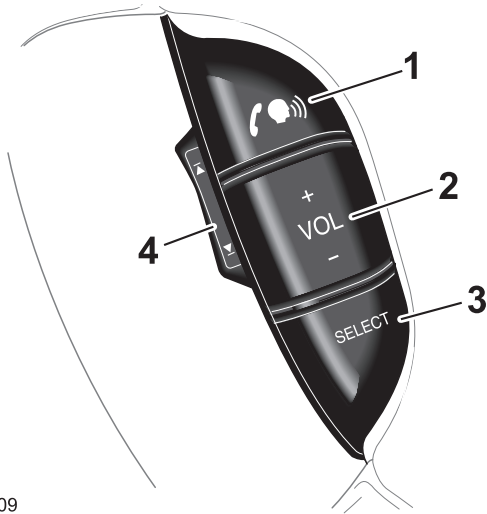
AUDIO CONTROLS

JAG0842

1. Touch-screen.
2. **PTY** button.
   - When PTY is selected programme information will be displayed.
3. **TA** button.
   - Press to enable or disable traffic announcements.
4. **BAND** button.
   - Press repeatedly to toggle through FM, MW/LW, DAB1, DAB2.
5. Seek up.
   - Short press to find the next channel.
   - Long press (two seconds) to find next available ensemble.
6. Seek down.
   - Short press to find previous channel.
   - Long press (two seconds) to find previous available ensemble.

DAB Touch-screen

Steering wheel controls

JOL3409

1. Start a voice command/Mute.

2. Increase or decrease volume.

3. Press the **SELECT** button repeatedly to scroll through the available audio sources FM, MW/LW, DAB1, DAB2, CD, iPod, USB, Auxiliary input and TV.

4. Press repeatedly to scroll through DAB ensembles and stations/channels.

CHANNEL INFORMATION

Many digital channels transmit additional text (DLS, Dynamic Label Segment) to accompany a broadcast.

Additional information can be viewed by pressing **Info** repeatedly to scroll through the available information.

JAG0855

Note: For safety reasons, this text does not scroll across the screen. Therefore some of the text may be truncated.

CHANNEL AUTOMATIC TUNING

When you first use the DAB radio, you will be unable to listen to any digital broadcasts. **NO CHANNEL FOUND** will be displayed until you have completed the auto-tune process.

JAG0843

Press **TUNE** to start automatic tuning and build a list of all the digital ensembles and channels that are available in your region.
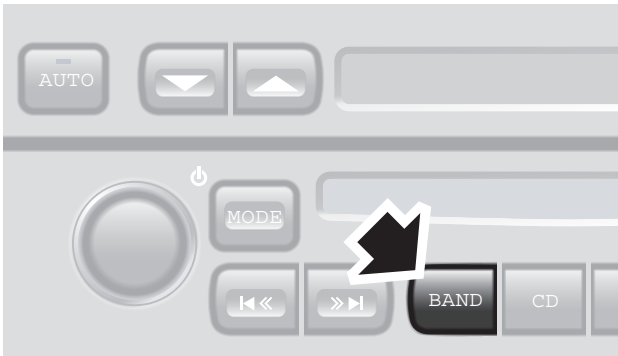
While automatic tuning is running, the message **DAB Auto-tune in progress** will be displayed on the touch-screen. When tuning is complete, the first channel found will start playing.

Note: The auto-tune process may take longer than one minute to complete.

To update the list of local channels when you move to a different region, select **TUNE** again. You can also add local channels as presets to minimise the need for auto-tuning as you move location.

DAB Touch-screen

CHANNEL OPTIONS

JAG0844

To receive digital broadcasts, short press the **BAND** button repeatedly to scroll through FM, MW/LW, DAB1, DAB2.

Choose **DAB1** or **DAB2** to receive digital radio broadcasts. The two DAB sources enable you to preset up to 18 different channels. **PRESET BUTTONS, 283**

The channel that was last played on your chosen digital source will be selected for playback automatically.

Note: If this is the first time you have used DAB radio, you must first build a list of available channels using the auto-tune function. ***CHANNEL AUTOMATIC TUNING, 280***

Digital radio channels are organised into groups called ensembles. Some channels may sometimes provide one or more subchannels.
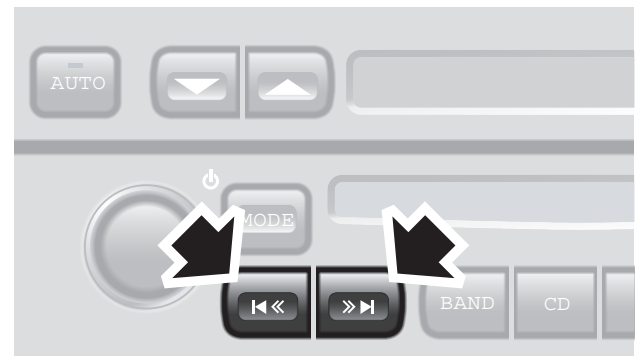

JAG0845

If the digital radio signal is lost or the system takes time to tune in to a channel, then the display screen will show the message **No Reception**. If the signal is lost whilst another system is in use, navigation for example, a pop-up will display the **No Reception** message.

Finding an ensemble

Long press (two seconds) the seek buttons to find the next or previous ensemble.**AUDIO CONTROLS, 279**

After a few seconds pause, the first channel in the ensemble found will start playing.

Finding a channel

JAG0846

Short press one of the channel seek buttons to select the next available channel/station. The seek up button selects the next channel, the seek down button selects the previous channel.

*Note: If the next or previous channel is in a different ensemble, then there will be a pause before the channel is located. The message **Searching...** is displayed on the screen.*

On the touch-screen, if channels have been preset, select one of the six preset buttons to start playing that channel. If no channel has been preset, the button will display **---**.

DAB Touch-screen
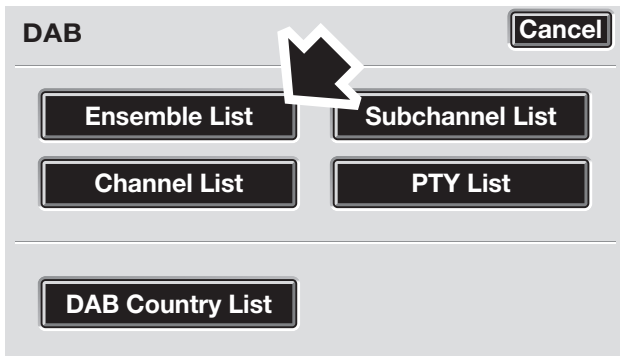
Finding a Subchannel

JAG0862

If subchannels are available within a channel an asterisk will be displayed at the end of the channel name.

Short press one of the seek buttons to select the next available Subchannel. The seek up button selects the next channel, the seek down button selects the previous channel.
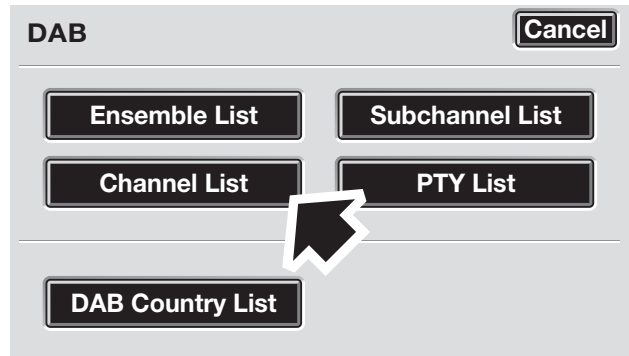
DAB SEARCH

Ensemble list

JAG0847

Select **Ensemble List** to display a list of all available ensembles. Select an ensemble name in the list to display a list of channels in that ensemble. Select a channel name to tune that channel.
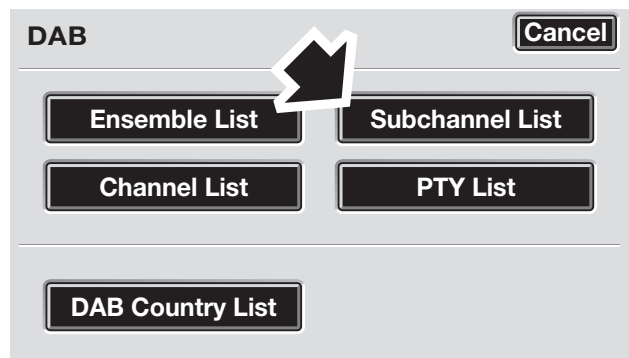
Channel List

JAG0849

Select **Channel List** to display a complete list of all channels in all available ensembles. Select a channel name to tune that channel.
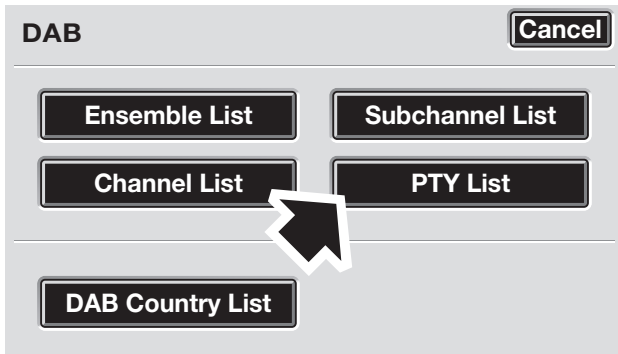
Subchannel List

JAG0848

Select **Subchannel List** to display a list of any subchannels available for the currently tuned channel. If no subchannels are currently available, then the **Subchannel List** option is disabled. If the maximum five subchannels are available, then use the arrows to scroll through the list.

DAB Touch-screen

PTY

JAG0850

Channels are categorised by the broadcaster as belonging to a programme type (PTY) category. You can display a list of channels organised according to their PTY category.

Select **PTY** to display a list of PTY categories that contain channels. Select a PTY category to display a list of channels in that category. Select a channel name to play that channel.

Short press one of the seek buttons repeatedly during the first ten seconds of broadcast, to cycle through all channels contained in the PTY category that you chose.

PRESET BUTTONS

Storing channels as presets

JAG0852

Store up to eighteen digital channels (nine each on **DAB1** and **DAB2**) using the preset keys. Follow the procedure below to store channels as presets.

1. Search for and start playing the channel you want to preset.

2. Long press (two seconds) the preset button on which you want to store the current channel. Audio output is muted for a further two seconds while the channel is stored and a confirmation tone is heard.

3. Repeat steps 1 and 2 for each channel that you want to store as a preset.

Note: You cannot store a subchannel as a preset. If you try to store a subchannel, you will store the channel to which the subchannel belongs.

Recalling a preset channel

JAG0853

Make sure that you have selected the appropriate digital source (**DAB1** or **DAB2**) and then short press the preset button you require. The channel you have selected will start to play automatically.
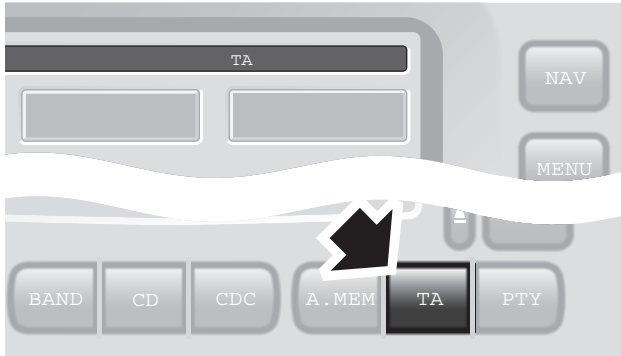
*Note: If you try to recall a channel that has previously been stored as a preset but is now unavailable or invalid, the message **No channel found** is displayed. You must choose another channel.*

DAB Touch-screen

SETTINGS

Traffic Announcements

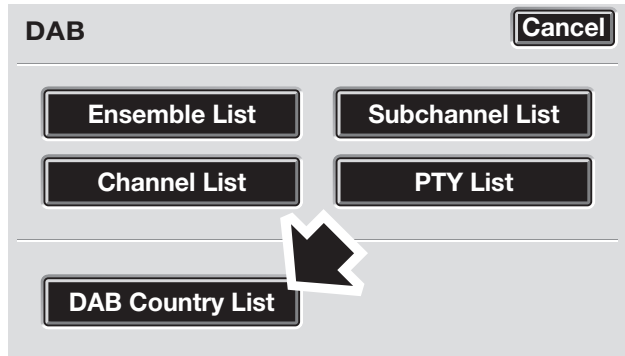You can select **Traffic Announcements** when listening to DAB.

JAG0854

When a DAB traffic announcement is broadcast, it will interrupt normal play for the duration of the announcement.

Note: If traffic announcement (TA) has been selected whilst listening to an FM station, it will de-select when DAB is selected using the band button. To continue TA coverage during DAB broadcasts press the TA button with DAB selected.

DAB country

If you move the vehicle to a different country, you can change **DAB Country** option to make sure that you receive the best possible reception and sound quality.

JAG0851

Select **DAB Country** to display a list of countries where DAB services are available. Select the country name to enable it.

JAG0860

*Note: When you change the DAB country, the audio unit will automatically start auto-tuning. If you **Cancel** the auto-tune, the country setting will remain changed but you may not have access to all available ensembles for that country.**CHANNEL AUTOMATIC TUNING, 280***

Note: For safety reasons this option is disabled when the vehicle is moving.

DAB Touch-screen

DAB format

JAG0861

Different regions or countries may use different digital bands to broadcast DAB channels. If you know the band(s) required then you can choose from the **Band selection** list.

Select **Change** to display a list of formats. The available bands are:

- LBand
- BandIII
- LBand & BandIII
- LBandCanada
- LBandCan & BandIII

Note: *When you change the DAB format, the audio unit will automatically start auto-tuning. If you cancel the auto-tune, the new format setting will remain, but you may not have access to all available ensembles for that format.*

Note: *For safety reasons this option is disabled when the vehicle is moving.*