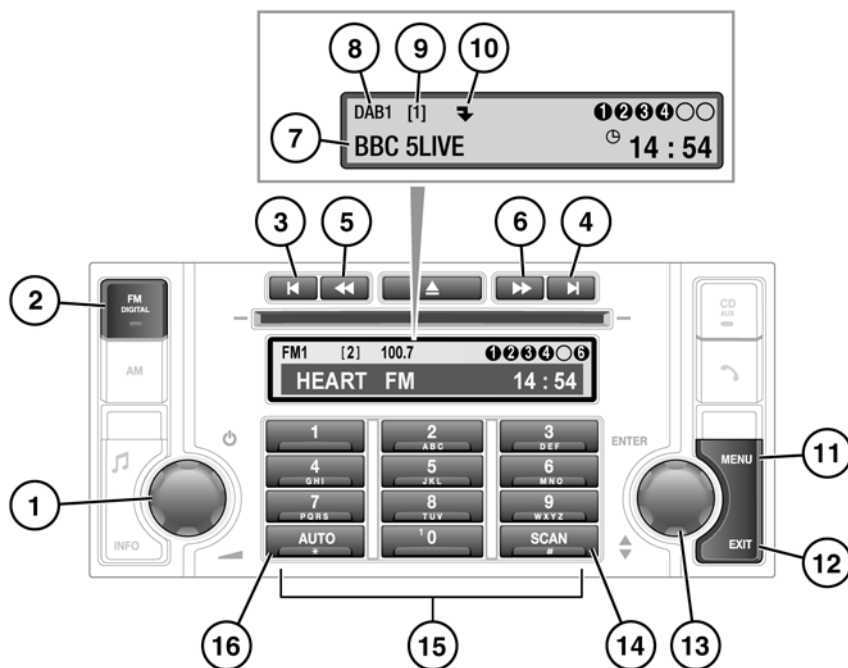


## AUDIO CONTROLS



SJ1685

1. On/off and volume control
2. FM/DAB button
  - Press and release to select the next available radio source FM1, FM2, DAB1, DAB2
3. Ensemble search down
  - Press and release to find previous digital ensemble
  - Press and hold to display a list all available ensembles
4. Ensemble search up
  - Press and hold to find the next digital ensemble
  - Press and hold to display a list of all available ensembles
5. Channel/Station search down
  - Press and release to find previous digital channel
  - Press and hold to access subchannels (if available), then press and release to find previous subchannel
6. Channel/Station search up
  - Press and release to find the next digital channel
  - Press and hold to access subchannels (if available), then press and release to find next subchannel
7. Channel name
8. Digital source indicator
9. Preset number for current channel

10. Subchannel indicator displays the arrow if a subchannel is available. Displays **SubCh** if a subchannel is being received
11. MENU button
12. EXIT button
  - Press and hold to save changes and exit the menu
  - Press and release to move up to the previous menu
13. Menu control
  - Rotate to scroll through a menu and highlight menu options
  - Press to select menu options
14. SCAN button
  - Press to listen to an eight-second broadcast of each channel in sequence, press again to select a channel
15. Keypad. Preset station store and recall
16. AUTO button
  - Press and hold to start automatic tuning of available ensembles and channels

**Note:** The display can also show ensemble or programme type (PTY) information if you have selected one of these options via the menu. See **SETTINGS** (page 94).

## SELECTING DAB

To receive digital broadcasts, press and release the **FM/DIGITAL** button repeatedly to toggle between the **FM1**, **FM2**, **DAB1** and **DAB2** sources. Choose either **DAB1** or **DAB2** to receive digital broadcasts. 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, before you can select a channel, you need to build a list of available channels using the auto-tune function. See **CHANNEL AUTOMATIC TUNING** (page 92).

## CHANNEL AUTOMATIC TUNING

**Note:** When you first use your DAB radio, you will be unable to listen to any digital stations until you have used the auto-tune function.

Press and hold the **AUTO** button to start automatic tuning and build a list of all the digital ensembles and channels/stations available in the region you are located.

While automatic tuning is running, the message **Auto-tuning** will be displayed along with a percentage complete. When tuning is complete, the first channel in the first ensemble found will start playing.

To update the list of local channels when you move to a different region, press and hold the **AUTO** button again.

## SELECTING AN ENSEMBLE

Digital radio channels are organised into groups called ensembles.

Press and release the ensemble search buttons to find the next available ensemble. The up (>|) button finds the next ensemble, the down (|<) button finds the previous ensemble. After a few seconds wait the first channel in the ensemble you have selected will play.

Press and hold an ensemble search button to display a list of all available ensembles. Rotate the menu control to scroll through the ensemble list and press it to select one and display a list of channels in that ensemble.

## SELECTING A CHANNEL

Press and release one of the channel search buttons to select the next available digital channel. The up (>>) button selects the next channel, the down (<<) button selects the previous channel.

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

## SELECTING A SUBCHANNEL

If subchannels are available under the channel you have selected, the subchannel arrow icon is displayed.

Press and hold either of the channel search buttons to access a list of subchannels. Then, to find the next subchannel, press and release the channel search button.

If more than one subchannel is available, press and release the channel search button repeatedly to scroll through the list. To return to the main channel, press and hold one of the channel search buttons. You can also search subchannels from the settings menu. See **SETTINGS** (page 94).

**Note:** *when you select and play a subchannel, the arrow icon is replaced by **SubCh** on the display screen.*

## SCANNING CHANNELS

You can use the scan function to listen to a short broadcast of each available channel in turn before selecting the one you prefer.

Press and release the **SCAN** button to start the channel scan and play the first channel. After eight seconds, the scan moves to the next channel and so on. After the last channel in an ensemble, the first channel in the next ensemble is played. To stop the scan and play the current channel, press the **SCAN** button again or press the Exit button.

**Note:** *Subchannels are not included in scanning.*

## SIGNAL AVAILABILITY

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**.

The problem may be caused by a temporary problem, such as buildings or trees blocking the signal, or it might be a problem with the broadcast service operator. Try tuning to an alternative channel and return later to see if the problem has been resolved. If you are unable to tune to any other channels, you may need to press **AUTO** to perform an auto-tune and find new ensembles.

## STORING CHANNELS AS PRESETS

You can store up to twenty digital channels (ten each on **DAB1** and **DAB2**) using the numbered preset buttons.

1. Search for and start playing the channel you want to preset.
2. Press and hold the desired preset button for approximately two seconds. A confirmation message will be displayed.

**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

Make sure that you have selected the appropriate digital source (**DAB1** or **DAB2**) and then press and release 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.

## SCROLLING THROUGH PRESETS

Rotate the menu control to scroll through all available presets for the current digital source (**DAB1** or **DAB2**). When you stop rotating, the selected channel will start to play automatically after a few seconds.

**Note:** If you are listening to a subchannel, then rotating the menu control will return you to, and then scroll through, the channel preset list.

## SETTINGS

A number of different functions are available from the DAB settings menu. Follow the procedure below to access the menu.

1. While you are using either the **DAB1** or **DAB2** source, press and release the **MENU** button.
2. Press and release the menu control to select **DAB settings**.
3. Rotate the menu control to scroll through, and highlight, the menu options displayed.
4. Press and hold the **EXIT** button to save any changes you have made and return to normal audio mode.

**Note:** To navigate up to a previous menu level, press and release the **EXIT** button.

**Note:** If you have pressed the **MENU** button once but take no action for ten seconds, the system will exit the menu automatically.

## DAB SEARCH

To find a specific broadcast, use the **DAB search** menu. You can scroll through, and choose from, complete lists of ensembles, channels, subchannels or programme type (PTY) categories.

1. From the **DAB settings** menu, choose **DAB search**.
2. Press and release the menu control to view the following options: **Ensemble list** to view a list of all ensembles and the channels within each ensemble-; **Channel list** to view a list of all available channels. **Subchannel list** to view a list of all subchannels (if available) under the channel currently playing **PTY** to list all PTY categories (News, Sport, Talk etc.) and the channels within each category.
3. Rotate the menu control to scroll through the list, then press and release the menu control to choose from a list.

## AUTO-TUNE

Auto-tune builds a list of all the available digital channels for the region you are in. See **CHANNEL AUTOMATIC TUNING** (page 92).

Press **AUTO** to begin the process. The message **Auto-tuning...** is displayed along with a percentage to indicate progress.

## DAB RADIO TEXT

You can change the type of information that is displayed on the screen when a channel or subchannel is playing.

From the **DAB settings** menu, choose **DAB radio text**. Rotate the menu control and press to select one of the following:

- **Ensemble name** to display the name of the ensemble to which the current channel belongs.
- **PTY** to display the name of the ensemble to which the current channel belongs.
- **Off** to display only the channel name.

**Note:** When listening to a DAB channel/station, the ensemble name and PTY type can also be displayed. To display the ensemble name or PTY type press the rotary control repeatedly until the required information is displayed.

## ADVANCED SETTINGS

From the **DAB settings** menu, choose **Advanced settings**. Use the menu control to navigate the menu options below.

### LINK DAB

Some DAB channels are broadcast in a number of different ensembles. For example, some national channels may broadcast a number of regional variations of the same channel under different ensembles.

If the **Link DAB** setting is switched on and the signal strength for a channel falls below an acceptable level, the audio unit will automatically search other available ensembles for a channel with the same name.

If an alternative local channel is found, then the message **Switching ensemble** is displayed and the new channel is played automatically after few seconds. If the channel is not found after a few seconds, the message **No signal** is displayed.

## DAB COUNTRY

If you move the vehicle to a different country, you can change **DAB country** setting. This will ensure that the audio unit receives all of the available ensembles, and provides the best possible reception and sound quality. Rotate the menu control to highlight the new country in the list. Press and release the menu control to check the box next to the selected country.

**Note:** When you change the DAB country, the audio unit automatically starts auto-tuning. See **CHANNEL AUTOMATIC TUNING** (page 92).

## BAND SELECTION

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** menu. The available bands are:

- LBand
- BandIII
- LBand & BandIII
- LBand Canada
- LBandCan & BandIII

## RESET DAB SETTINGS

If you want to reset the DAB settings to the manufacturer's defaults, use the menu control to choose the **Reset DAB settings** menu option. Press the menu control again to confirm the reset.

## FM TRAFFIC AND NEWS

The FM traffic function detects the presence of local travel announcements, while the FM news function detects local news announcements.

As soon as an announcement is received, radio reception or CD play is interrupted. At the end of the announcement, radio or CD play will resume. You can use this menu option to turn announcements on or off.

From the **DAB settings** menu, choose **FM traffic** or **FM news** and then press and release the menu control to select either **On** or **Off**. To cancel a traffic or news announcement and return to the digital channel, press and release the **EXIT** button. Cancelling an announcement temporarily will not prevent further announcements from broadcasting when they become available.

**Note:** Both traffic and news information can be selected at the same time. However, the audio unit will always give priority to traffic information.

**Note:** Traffic and news announcements are not currently available from DAB services, so the audio unit switches to an FM channel just for the duration of the announcement, so there may be some temporary loss of sound quality.