



PASSENGER ENTERTAINMENT SYSTEM

**Range Rover, Range Rover Sport
and Discovery 4/LR4**

Publication Part No. LRL 10 35 99 102

About this handbook

This handbook forms part of the Owner literature supplied with your new vehicle. Left hand drive and right hand drive conditions may be shown in the graphics and where information is specific to a particular country, it is indicated as such.

Please take the time to study the operating instructions with your vehicle as soon as you can.

Important

The information contained in this handbook describes all software options. Some of the options may not be fitted to your vehicle unless they formed part of the original vehicle specification. Therefore some parts of this handbook may not apply to your vehicle. Furthermore, due to printing cycles, it may include descriptions of options before they become generally available.

The options, hardware and software in your vehicle are from the available specifications for the market in which the vehicle was intended for sale. If your vehicle is to be used in another geographical area you may have to modify the vehicle specification to suit local conditions. Land Rover is not responsible for the cost of any modifications.

The information contained in this publication was correct when it went to print. Vehicle design changes may have been made after this handbook was printed. When this occurs a handbook supplement is added to the literature pack. Subsequent updates can be viewed on the Land Rover Internet site at; **www.ownerinfo.landrover.com**.

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Published by Land Rover Technical Communications

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System introduction

PASSENGER ENTERTAINMENT

The basic components for passenger entertainment are described in the Owner's Handbook. This book describes the operation of the available optional features for Range Rover, Range Rover Sport and Discovery 4/LR4;

- Dual view touch screen - Range Rover only
- Television and DVD at the front screen
- RSE (Rear Seat Entertainment)
- Remote control operation - Range Rover only
- Infra-red headphones - Range Rover only
- Auxiliary and portable audio connections

WARNING

The passenger entertainment system should be used only when it is safe to do so. Do not use if it is likely to cause driver distraction. Driver distraction can lead to accidents causing serious injury or death.

Caution: Always run the engine during prolonged use of the audio or RSE system. Otherwise the vehicle battery may become discharged.

Dual view touch screen

Due to legal restrictions, the driver is not allowed to view moving images, as provided by TV and DVD, while the vehicle is in motion. However, with dual view, front passenger viewing is no longer restricted.

Dual view touch screen is a development of the LCD screen that enables the driver and front seat passenger to view two separate display modes. A touch of the **AUDIO VIDEO** button will activate dual view mode and TV or DVD viewing can be selected.

TV and DVD selection

Both TV and DVD programmes can be viewed on the front screen while the vehicle is stationary. The park brake must be engaged and Park selected. As soon as another gear selection is made, the driver view will revert to a non TV/DVD screen. A speed inhibit feature will disable the TV/DVD preview display at a factory set speed.

TV reception on the move

The performance of TV on the move is dependant on signal strength and surrounding buildings or landscape. These factors vary from country to country and even regions within countries.

Rear seat entertainment

The basic components consist of;

- Radio
- CD
- TV
- DVD
- AUX
- AV1 and AV2 external sources

Further options can include;

- DAB radio
- Portable audio(USB)

Overall control of the rear entertainment system is from the front screen. The remote control and each rear screen is turned on via the **Rear entertainment Supervisor** screen. This allows the driver or front seat passenger to censor TV/DVD viewing and control volume level.

System introduction

WARNING

The driver should make adjustments only when it is safe to do so. Driver distraction can lead to accidents causing serious injury or death.

Remote control for the RSE

There are two video display screens mounted in the rear of the front seat head restraints. Separate display modes can be selected with the remote control. The remote control has a switch to select left and right hand screens. All screen settings are adjusted with the remote control.

Audio control unit for Range Rover Sport and Discovery 4/LR4 RSE

All audio control is made from the headphone module panels on the rear doors.

Headphones for the RSE

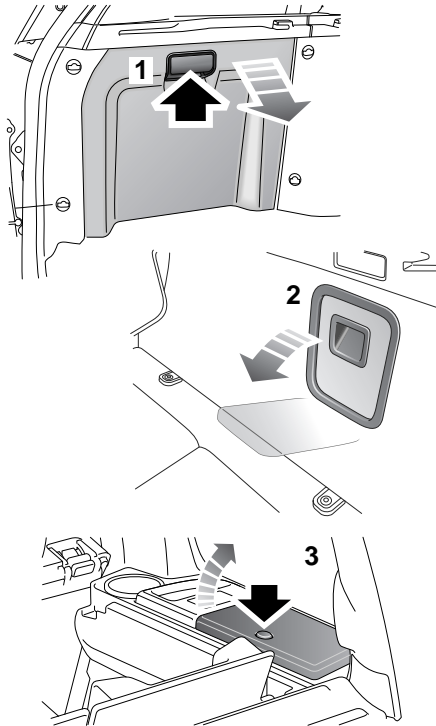
Audio for the RSE can be delivered to the user via headphones. Range Rover is supplied with two pairs of infra red (cordless) headphones. Channel setting and volume is controlled from the headphones. Range Rover Sport and Discovery 4/LR4 are fitted with control modules on the rear doors. Standard corded headphones can be connected to the 3.5mm headphone jack.

Auxiliary and portable audio

Input points are supplied for AV1, AV2 and AUX devices and also portable audio devices such as USB, iPod and music players.

Loading a DVD

ACCESSING THE PLAYER



LAN1305

The DVD player will play 12 cm DVDs, Video CDs (VCDs) and audio CDs.

Note: Video CDs will have less options available from their menus.



E89295

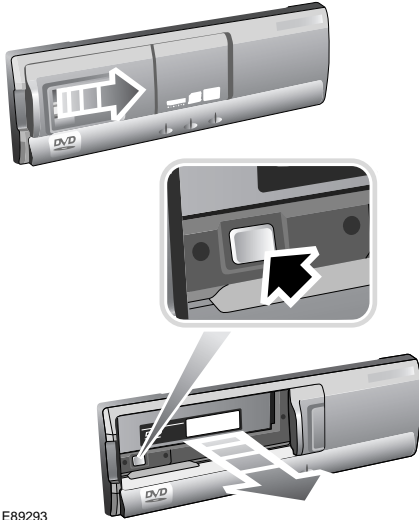
The DVD player is not compatible with High Definition DVD discs, DVD-ROMs, DVD-RAMs, Photo CDs, MP3s or DVD plus discs.

With all Land Rover models the DVD player is located in the luggage area:

1. Range Rover - left-hand side.
2. Range Rover Sport - right-hand side.
3. Discovery 4/LR4 - right-hand side.

Loading a DVD

LOADING THE PLAYER



E89293

1. To access the disc cassette slide the door open and press the eject button.
2. Load a disc into the cassette with the label side facing upwards.
3. Insert the cassette into the DVD player.
4. Close the sliding door.

Caution: Do not leave the DVD player door in the open position. The ingress of dirt or moisture can reduce DVD playback quality, and may result in damage to the player.

Do not place any device/object that emits a magnetic field near to the DVD player.

Do not insert any object other than the recommended discs into the DVD player for any reason.

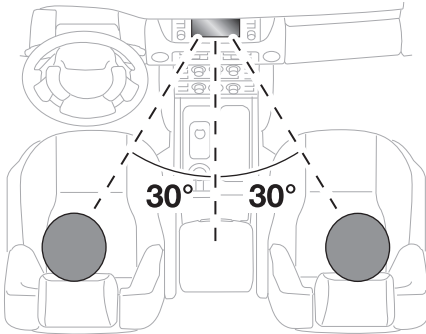
Ensure that the discs are clean and dust free before inserting into the player.

Note: This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Dual view touch screen

HOW DUAL VIEW TOUCH SCREEN WORKS

Viewing angles for driver and front seat passenger are such that neither can view the full display that the other is viewing. However, there is an optimum viewing angle of 30 degrees where no cross over of images can be perceived. From this point, the closer to screen centre or screen side edges that the viewer moves to, the more likely cross over of images is. During normal use of dual view, image cross over is unlikely.



LAN2281

DUAL VIEW SELECTION

When the ignition is turned on or the audio unit is turned on after being turned off, dual view mode will be the default view.



If TV or a DVD source were being viewed previously in dual view mode and you would like to return to the same media, simply press the **AUDIO VIDEO** hardkey. Dual view touch screen will now operate and the previously selected video source will be displayed. Wait for the preview to display, then touch the image.

To toggle between TV and DVD video source, touch the **Mode** softkey then the **TV/DVD** softkey. If a selection is not made within five seconds, the left side selection softkeys will be replaced with the **Mode** softkey. This allows for a larger preview area to be displayed. If the vehicle is in motion the preview will be inhibited and a message is displayed.



LAN2283

To select any other audio source, first access the available options via the **Mode** softkey. Make your audio selection then press the **AUDIO VIDEO** hardkey again.

Dual view touch screen

DUAL VIEW TOUCH SCREEN TV OPERATION

When TV is selected, the on screen controls operate in the same manner as single view TV mode. See **TV CHANNEL SEARCH AND STORE, 13** for more details.

If you would like to change the TV programme while the vehicle is moving, there are three methods available;



LAN2284

1. Press the **AUDIO VIDEO** hardkey to display the TV/DVD control menu.
Select an alternative channel then touch the preview image in to return to full view screen.
2. Rotate the **DVD ENTER** control to move up or down your preset channels. The channel number will be displayed and after a short pause the TV programme will display. Press the search arrow hardkeys to move up or down TV channel numbers. After a short pause, if a TV programme is available it will display.
3. Press the steering wheel **MODE** button repeatedly to select TV. Press the forward or back buttons to move up or down your preset channels. The channel number will be displayed and after a short pause the TV programme will display.

***Note:** Not all channels are populated with a TV programme. Some channels broadcast only at pre determined times whereas others may broadcast continuously throughout the day and night.*

DUAL VIEW DVD OPERATION

When a DVD source is selected the on screen controls operate in the same manner as single view DVD mode. **PLAYING A DVD, 19**

When the DVD programme begins play, a root menu with information about the DVD and its content will be displayed on screen.

***Note:** DVD menu information and style may vary due to differing DVD formats.*

Rotate the **DVD ENTER** control to move up and down the menu. Use the search arrow hardkeys when a menu selection presents a sub menu.



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Press the **DVD ENTER** control to confirm a selection.

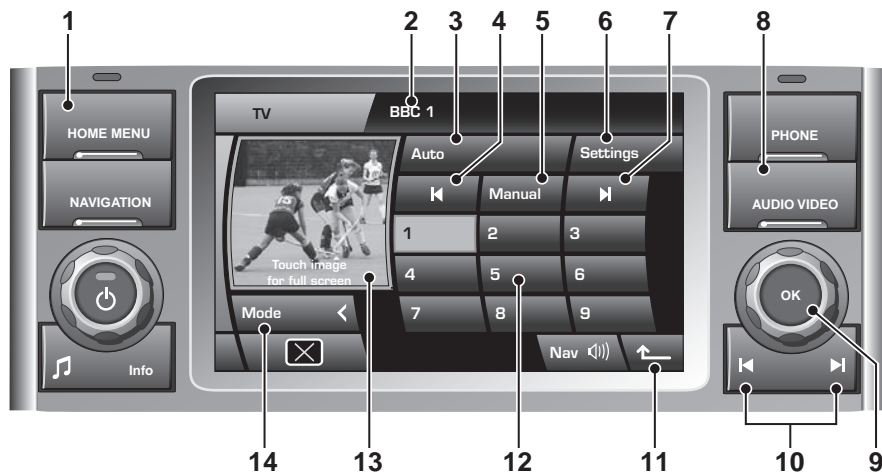
Accessing DVD from another mode

With another mode displayed, e.g., Navigation, a press of the **DVD ENTER** control will move directly to DVD operation.

Press the **AUDIO VIDEO** hardkey for dual view mode. The passenger can now view the full DVD screen.

Single view touch screen

TV CONTROLS - Range Rover



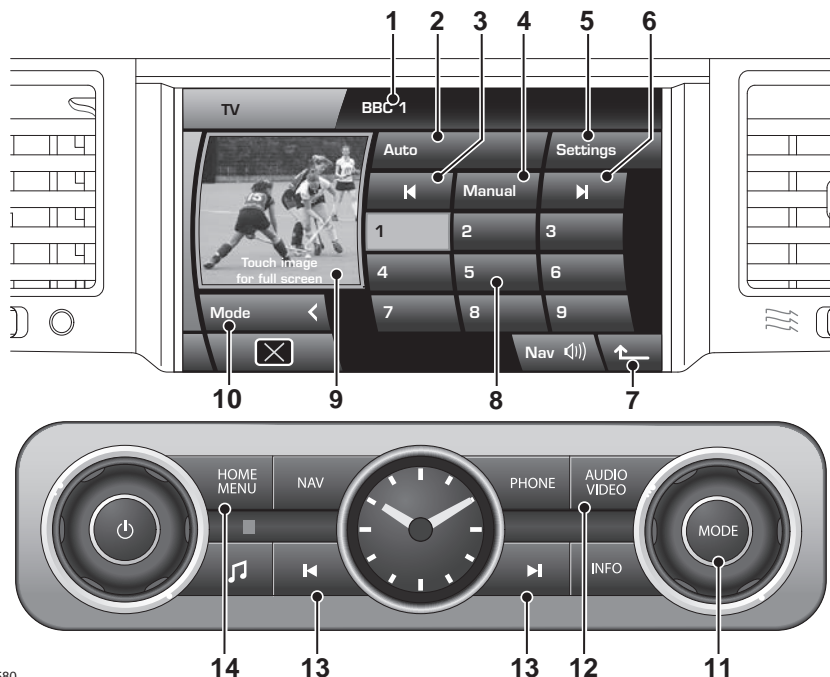
LAN2296

Note: *Hardkeys are the permanent physical controls on the audio unit. Softkeys are those displayed on the touch screen.*

1. **HOME MENU** hardkey. Press to return to the main **Home Menu** screen.
2. Message area.
3. **Auto** softkey. Touch to display a Channel list of TV channels available presently at the current location.
4. Backwards/Previous softkey. TV channel search and page scroll when viewing the Channel list.
5. **Manual** softkey. TV channel tuning.
6. **Settings** softkey. Touch to access country and TV format settings.
7. Forwards/Next softkey. TV channel search and page scroll when viewing the Channel list.
8. **AUDIO VIDEO** hardkey. Press to access the main TV/DVD control menu.
9. **OK** rotary control. Rotate for preset selections. Press to view alternative audio sources then rotate to select a source.
10. Backwards and forwards hardkeys. TV channel search.
11. Return to previous screen softkey.
12. Numeric softkeys. For storing and recalling TV channels.
13. Preview picture area.
14. **Mode** softkey. Touch to return to source selection menu.

Single view touch screen

TV CONTROLS - Range Rover Sport and Discovery 4/LR4



LAN2580

1. Message area.
2. **Auto** softkey. Touch to display a Channel list of TV channels available presently at the current location.
3. Backwards/Previous softkey. TV channel search and page scroll when viewing the Channel list.
4. **Manual** softkey. TV channel tuning.
5. **Settings** softkey. Touch to access country and TV format settings.
6. Forwards/Next softkey. TV channel search and page scroll when viewing the Channel list.
7. Return to previous screen softkey.
8. Numeric softkeys. For storing and recalling preset TV channels.
9. Preview picture area.
10. **Mode** softkey. Touch to return to source selection menu.
11. **MODE** rotary control. Rotate for preset selections. Press to view alternative audio sources then rotate to select a source.
12. **AUDIO VIDEO** hardkey. Press to access the main TV/DVD control menu.
13. Backwards and forwards hardkeys. TV channel search.
14. **HOME MENU** hardkey. Press to return to the main **Home Menu** screen.

Single view touch screen

Note: *Hardkeys are the permanent physical controls on the audio unit. Softkeys are those displayed on the touch screen.*

TV MENU SELECTION

Note: *The TV tuner can receive both analogue and digital TV signals and will maintain the presently tuned channel throughout a journey, subject to reception conditions. In areas of weak reception, you may experience a break-up in picture and sound quality or a blank screen and audio muting. It may be necessary to retune the viewed station.*

There are three methods for selecting single view TV mode.

Access via the AUDIO VIDEO hardkey

1. While in another viewing mode, eg, Navigation, press the hardkey for direct access to the TV/DVD control menu.
2. Select the **TV** or **TV/DVD** softkey. When this softkey is a combined TV and DVD button, it allows the user to toggle between modes. If a selection is not made within five seconds, the left side selection softkeys will be replaced with a **Mode** softkey. This allows for a larger preview area to be displayed. While the vehicle is in motion the preview will be inhibited and a message is displayed. If the DVD control menu is displayed, touch the **Mode** softkey to return to the **TV/DVD** softkey then toggle to TV.

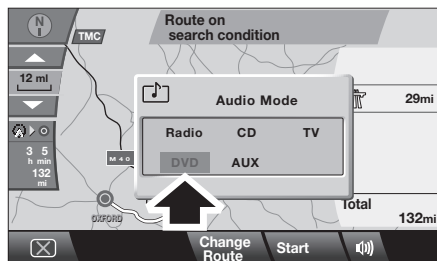
Access via the Home Menu screen

1. Press the **HOME MENU** hardkey.
2. Touch the **Audio Video** softkey to access the TV/DVD control menu.
3. As in the first access method¹, select the **TV** or **TV/DVD** softkey. The screen is displayed for five seconds before changing view.

Single view touch screen

Range Rover only - Access while in another mode e.g. Navigation.

1. Press the **OK** rotary control to display a pop up mode menu.



LAN2908

2. Turn the rotary control to select **TV** then press the control to confirm.

Each of the above access methods will bring you to the TV control menu.

Note: If no preview is visible, it may be that no channels are stored or that the vehicle is in a poor reception area. Whichever the case, tuning/retuning the channels will be necessary.

TV CHANNEL SEARCH AND STORE

All TV channels available presently at the current location, including user stored channels, can be viewed in single or dual view mode.

There are three channel search and store methods, one automatic and two manual:

Automatic process - Channel list

While the vehicle moves to each new location the Auto feature continually updates the Channel list. Channels are automatically added to softkeys in the Channel list view. The Channel list can hold up to 96 currently available analogue and digital TV channels.

1. Touch the **Auto** softkey to initiate the Channel list view. The screen view will change and the **Auto** softkey will remain highlighted.



LAN2305

2. Received channels are automatically assigned to softkeys which will display station reference IDs. Channels with names will be listed in alphabetical order followed by those with a channel number reference. A highlighted softkey indicates the currently selected and displayed channel. Use the left or right arrow softkeys to view further available channels.

Note: When the Auto feature makes a channel list, the stored channels are linked to the locally available transmissions. If you subsequently move away from that locality some of your stored presets may no longer be available. Those unavailable channels are automatically removed from the displayed list.

Single view touch screen

3. To store the currently selected and displayed channel to one of the nine numeric preset softkeys, touch the **Auto** softkey. The numeric preset softkeys screen will be displayed. Touch and hold one of the softkeys until a confirmation tone is heard and the selected softkey highlights. The channel is now stored on the selected softkey.

Note: Do not store the same channel on two different preset softkeys. Doing so will cause a problem when recalling preset channels.

Manual processes

From the TV control menu up to 9 TV channels can be stored manually onto the numeric softkeys 1 to 9.

Manual process 1



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1. With no highlight of the **Auto** or **Manual** softkeys, touch a TV search arrow softkey.
2. Depending on which direction you have chosen to search in, the TV tuner will find the next or previous available channel. The channel ID is displayed in the message area.
3. To store a TV channel to a numeric preset softkey, touch and hold one of the softkeys until a confirmation tone is heard and the selected softkey highlights. The channel is now stored on the selected softkey.

Note: Do not store the same channel on two different preset softkeys. Doing so will cause a problem when recalling preset channels.

Manual process 2

1. Touch the **Manual** softkey. The TV search softkeys become double arrow icons.



LAN2508

2. Touch a TV search arrow softkey.
3. Depending on which direction you have chosen to search in, the TV tuner will find the next or previous available channel irrespective of whether there is a TV programme available. If a channel is found its ID is displayed in the message area.
4. To store a TV channel to a numeric preset softkey, touch and hold one of the softkeys until a confirmation tone is heard and the selected softkey highlights. The channel is now stored on the selected softkey.

Note: Do not store the same channel on two different preset softkeys. Doing so will cause a problem when recalling preset channels.

RECALLING A PRESET TV CHANNEL

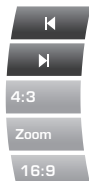
1. Simply touch the required numeric preset softkey. The softkey will highlight and the channel ID will be displayed in the message area.
2. Touch the preview picture to display full screen mode.

Single view touch screen

CHANGING TV CHANNELS

When in full screen view, there are four methods to change TV channel.

Moving to the next available channel



LAN2297

1. Touch the screen to access the softkeys.
2. Touch the appropriate forwards/next or backwards/previous softkey to select the next TV channel. Repeat to access further available channels.
3. When the desired channel is displayed, either touch the screen to clear the icons or wait five seconds for automatic clearance.

Hardkey channel selection

Alternatively, press the appropriate forwards/next or backwards/previous hardkey below the right side rotary control to select the next available channel.

Selecting from the channel list

1. Touch the screen.
2. Touch the return arrow softkey to move back to the TV control menu.
3. Touch the **Auto** softkey. The Channel list will be displayed.
4. To select a channel from the list, touch the appropriate channel softkey.
5. Touch the preview image to return to full screen view.

Selecting from the preset softkeys

1. Touch the screen.
2. Touch the return arrow softkey to move back to the TV control menu.
3. Select the appropriate channel softkey.

4. Touch the preview image to return to full screen view.

Note: To move back to the previous softkeys, touch the **Auto** softkey again.

EPG - ELECTRONIC PROGRAMME GUIDE

For digital channels a Now and Next EPG is displayed each time a channel is tuned. The EPG contains:

1. Current time.
2. Present channel ID.
3. Time and name of programme in view.
4. Time and name of next programme.



LAN2520

The EPG will clear after a short period. The EPG will also display when a programme is about to change.

ALTERNATIVE AUDIO SOURCE

While watching a TV programme on a single view display, an alternative audio source can be selected if required, e.g., a radio news station.

Press the **OK** or **MODE** rotary control to display alternative audio sources then rotate to select a source. After two seconds the selected audio source will play and the video source will remain unaffected.

Single view touch screen

TV SETTINGS AND FORMATS

A variety of TV formats can be used throughout the world. The Settings feature allows you to alter TV settings to match the country you are driving in. When Settings is first accessed, the TV country screen will be displayed.



LAN2299

An alphabetical list of countries is displayed. If a country is already set then it will be highlighted. Use the arrow softkeys to view further countries.

Changing the country setting

1. If the country you require is not on the displayed page, use the down arrow to view subsequent sets of choices.
2. Touch a country banner to select it. The banner will highlight. The TV format will now be adjusted to suit the selected country.
3. Use the return arrow softkey to move back to the TV control menu.

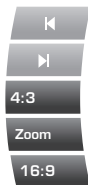
Note: *Station search and store will be required in other countries.*

Changing the TV format

When you are at the TV country menu, you also have the option of making the TV format change directly from a list of formats. If you know the TV format in use where you are driving you can use the following selection process;

1. Touch the **Format** softkey to display the TV format screen.
2. If a country is already set then no format type will be highlighted. If the format you require is not on the displayed page, use the down arrow to view subsequent sets of choices.
3. Touch a format banner to select it. The banner will highlight. The TV format will now be adjusted.
4. Use the return arrow softkey to move back to the TV control menu.

Screen appearance



LAN2298

When moving from preview to full screen size, picture format softkeys, **4:3**, **Zoom** and **16:9**, will be displayed for five seconds.

Use these softkeys to alter the area or zoom of the viewed image if required.

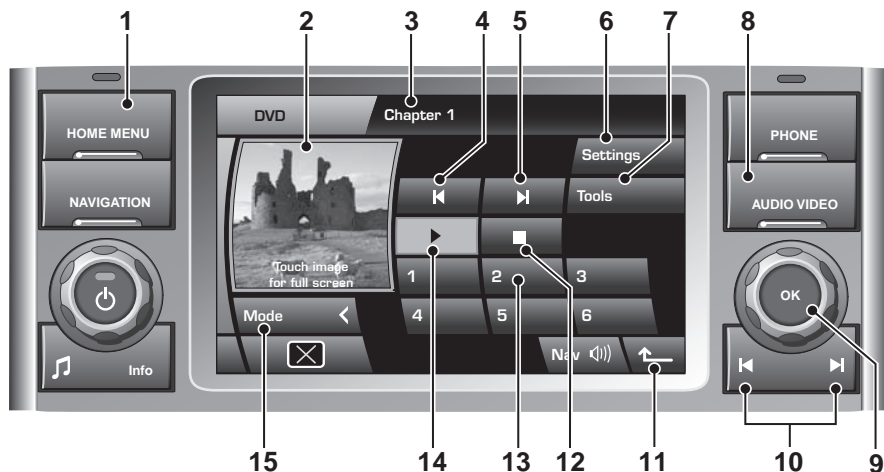
Loss of reception

If for any reason reception is lost, the viewing image will be frozen or possibly black for a digital channel or snowy for an analogue channel. Digital channels will become silent while analogue channels will hiss.

Depending on the reason for the reception loss, retuning may be required or simply change to another channel until reception improves.

Single view touch screen

DVD CONTROLS - Range Rover



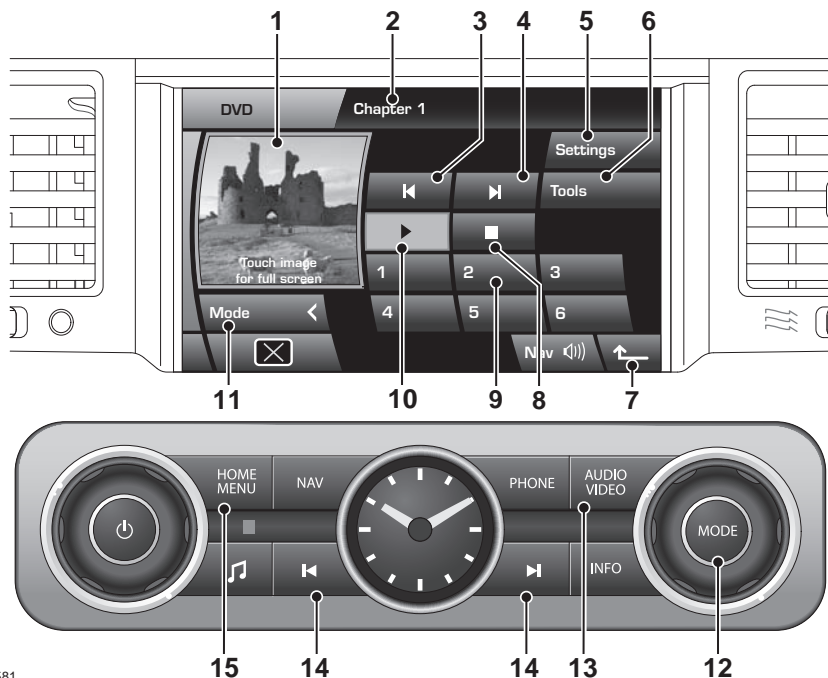
LAN2312

Note: *Hardkeys are the permanent physical controls on the audio unit. Softkeys are those displayed on the touch screen.*

1. **HOME MENU** hardkey. Press to return to the main **Home Menu** screen.
2. Preview picture area. Not available when vehicle is in motion.
3. Message area.
4. Backwards/Previous softkey.
5. Forwards/Next softkey.
6. **Settings** softkey. Touch to access DVD format screen.
7. **Tools** softkey. Touch to access DVD programme control screen.
8. **AUDIO VIDEO** hardkey. Press to access the main TV/DVD control menu.
9. **OK** rotary control. Press to view alternative audio sources then rotate to select a source.
10. Backwards and forwards hardkeys.
11. Return to previous screen softkey.
12. Stop DVD programme.
13. Numeric softkeys. For DVDs loaded into changer unit.
14. Play DVD programme.
15. **Mode** softkey. Touch to toggle between DVD and TV.

Single view touch screen

DVD CONTROLS - Range Rover Sport and Discovery 4/LR4



LAN2581

Note: *Hardkeys are the permanent physical controls on the audio unit. Softkeys are those displayed on the touch screen.*

1. Preview picture area. Not available when vehicle is in motion.
2. Message area.
3. Backwards/Previous softkey.
4. Forwards/Next softkey.
5. **Settings** softkey. Touch to access DVD format screen.
6. **Tools** softkey. Touch to access DVD programme control screen.
7. Return to previous screen softkey.
8. Stop DVD programme.
9. Numeric softkeys. For DVDs loaded into changer unit.
10. Play DVD programme.
11. **Mode** softkey. Touch to toggle between DVD and TV.
12. **MODE** rotary control. Press to view alternative audio sources then rotate to select a source.
13. **AUDIO VIDEO** hardkey. Press to access the main TV/DVD control menu.
14. Backwards and forwards hardkeys.
15. **HOME MENU** hardkey. Press to return to the main **Home Menu** screen.

Single view touch screen

DVD MENU SELECTION

There are three methods for selecting DVD mode.

Access via the **AUDIO VIDEO** hardkey.

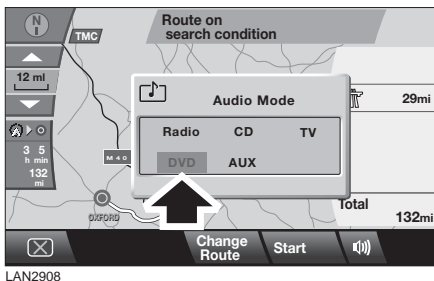
1. While in another viewing mode, eg Navigation, press the hardkey for direct access to the TV/DVD control menu.
2. Select the **AUDIO VIDEO** softkey to toggle between TV and DVD. If a further selection is not made within five seconds, the left side selection softkeys will be replaced with a **Mode** softkey. This allows for a larger preview area to be displayed. If the TV control menu is displayed, touch the **Mode** softkey to return to the **TV/DVD** softkey then toggle to DVD.

Access via the **Home Menu** screen.

1. Press the **HOME MENU** hardkey.
2. Touch the **Audio Video** softkey to access the audio/video menu.
3. As in the first access method, select DVD with the **TV/DVD** softkey.

Range Rover only - Access while in another mode e.g. Navigation.

1. Press the **OK** rotary control to display a pop up mode menu.



2. Turn the rotary control to select **DVD** then press the control to confirm.

Each of the above access methods will bring you to the DVD control menu.

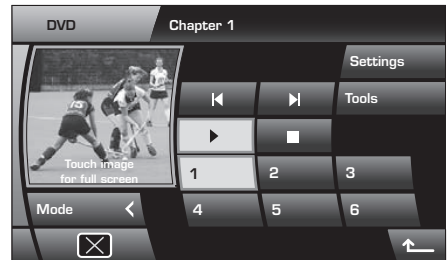
ALTERNATIVE AUDIO SOURCE

With single view display and while already listening to an audio source, an alternative audio source can be selected if required, e.g., DVD.

Press the **OK** or **MODE** rotary control to display alternative audio sources then rotate to select DVD. After two seconds the DVD source will play. The screen view will remain unaffected.

PLAYING A DVD

Select and play a disc



LAN2510

1. Touch the numeric softkey that the required disc is loaded to. The disc menu will display in the preview area.

2. Touch the start DVD programme softkey.

While the DVD is playing, a long touch of the start DVD softkey will initiate slow motion play. Touch the same softkey again to return to normal speed play.

Pause and stop a disc

To pause DVD play touch the stop DVD programme softkey once. To resume play from the point where pause was requested, touch the play softkey.

Single view touch screen

To stop DVD play touch the stop DVD programme softkey twice. The DVD programme will return to its start point.

The current state will be displayed along the bottom of the preview screen.

Forward and backward movement

While a DVD is playing, play can be moved forward or back a chapter or fast forward/backward to a particular point with the forwards/backwards softkeys or the hardkeys below the right side rotary control.

To move to a next chapter, touch the required softkey or hardkey once.

A long touch or press will move rapidly through the DVD programme at X16 speed.

The current state of movement will be displayed along the top of the preview screen.

DVD SPECIAL FEATURES

Touch the **Tools** softkey to enter the special features screen.



LAN2511

Menu (DVD changer)

DVD play must be stopped before this menu will display. A long touch of the **Menu** softkey will display the DVD changer menu.

Use the direction softkeys plus **Return** and **Enter** to modify the DVD changer menu.

GOTO

When a DVD has title, chapter and time information, it can be accessed by touching the **GOTO** softkey. Repeated presses of the **GOTO** softkey will scroll through the available information pages.

Use **GOTO** to access a point within the DVD programme, e.g., select Chapter to display a chapter selection pop up. Enter a chapter number (+10 and 6 = chapter 16) then touch the **ENTER** softkey.

A long touch of the **GOTO** softkey will display the DVD status information.

A second long press will display the previous screen.

Subtitle

Touch the softkey to toggle through the available subtitle options. Subtitles will be displayed along the bottom of the screen.

To turn subtitles off apply a long touch of the **Subtitle** softkey.

Angle

Some DVD programmes offer alternative viewing angles in selected scenes. Touch the softkey to toggle through the available options.

Audio

Some DVD programmes have an alternative or extra sound feature such as a commentary. Touch the softkey to toggle through the available options.

DVD FORMATS AND SCREEN SETTINGS

The recorded signal format will be either NTSC or PAL.

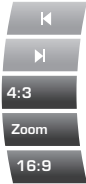
NTSC (National Television System Committee) is the format used in North America.

Single view touch screen

PAL (Phase Alternating Line) format is used in the United Kingdom and other countries around the world.

To change the format, touch the **Settings** softkey. Select the alternative format. After five seconds the screen will return to normal view.

Screen appearance



When moving from preview to full screen size, picture format softkeys, 4:3, Zoom and 16:9, will be displayed for five seconds.

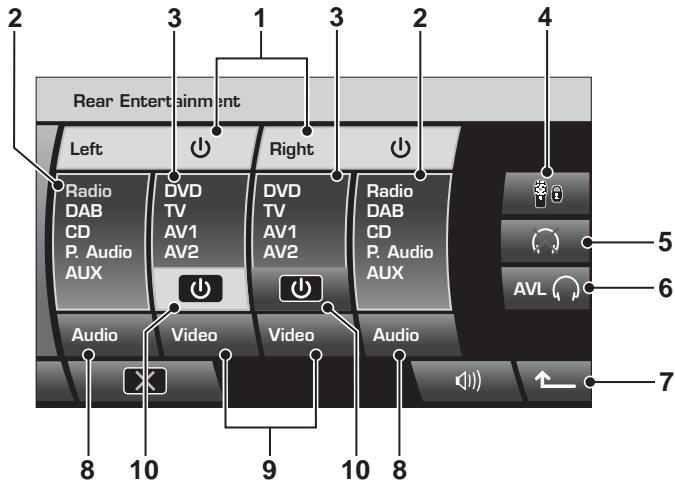
Use these softkeys to alter the screen aspect ratio to suit your video media.

LAN2298

- 4:3 - Commonly used for TV.
- ZOOM - Similar to ratio used for films produced for cinema release.
- 16:9 - Widescreen.

Rear seat entertainment

SUPERVISOR SCREEN



LAN2512

1. **Left** and **Right** on/off softkeys
 2. Audio source displays
 3. Video source displays
 4. RSE lockout softkey
 5. Headphones mute softkey
 6. **AVL** - Headphones volume limiter softkey
 7. Return to previous screen softkey
 8. **Audio** source selector softkeys
 9. **Video** source selector softkeys
 10. Video on/off softkeys
- Note:** The illustration shows all intended audio and video options.

Rear seat entertainment

RSE INTRODUCTION

The RSE system consists of two screens. Separate programmes can be viewed or heard by rear seat occupants. Supervisory control is made from the front seats. Audio and video programmes for each or both sides of the RSE can be controlled from the Supervisor screen. The RSE remote control can be locked out, headphones can be muted and a volume limit can be set for the headphones.

SWITCHING RSE ON

To switch on a rear screen;

1. From the **Home Menu**, touch the **Rear Seat Entertainment** softkey.
2. From the Supervisor screen, touch the **Left** or **Right** or both softkeys.

Note: *When a rear screen is turned on the last used audio or video source for that screen will play. If that source is a DVD then it will resume play at the point it was left at previous system turn off. If the source is TV and the desired channel is not displayed, use the remote control or the front screen to retune.*

Caution: Children should be supervised at all times and view/listen to only media suitable for their age group.

To switch off a rear screen completely, touch the appropriate **Left** or **Right** softkey again.

To switch off only the video source to a rear screen, touch the appropriate **Video** on/off softkey. The screen will remain backlit ready to display information and messages. Touch the same softkey to turn the screen on again.

RSE CONTROL FROM THE SUPERVISOR SCREEN

When the Supervisor screen is displayed the RSE remote control will be locked out. No part of the RSE will operate until it is turned on at the Supervisor screen.

Selecting an audio source

The Supervisor screen will display a choice of audio sources: **Radio, DAB, CD, P.Audio** and **AUX**.

To select an audio source;

1. Touch an **Audio** softkey repeatedly until the highlight moves to the audio type you require.
2. After two seconds without any further softkey selections the selected audio source will play and the highlight box will change to amber.

Note: *When watching a video source an alternative audio source can be selected.*

Selecting a video source

The Supervisor screen will display a choice of video sources: **DVD, TV, AV1** and **AV2**.

To select a video source;

1. Touch a **Video** softkey repeatedly until the highlight moves to the video type you require.
2. After two seconds without any further softkey selections the selected video source will play and the highlight box will change to amber.

Note: *When a new video source is selected the audio source will always be synchronised. However, if an alternative audio source is subsequently selected, synchronisation can be achieved again with a long touch of the relevant **Audio** softkey.*

Rear seat entertainment

Remote control lockout

The RSE remote control can be locked out to prevent selections being made.

Touch the RSE lockout softkey. The softkey will highlight. Touch again to reinstate the remote control.

Note: After an ignition cycle and door lock, the RSE lockout softkey defaults to the off state.

HEADPHONES

When an audio source is selected from the main audio system and played through the cabin speakers, the RSE headphones have no control over the volume level.

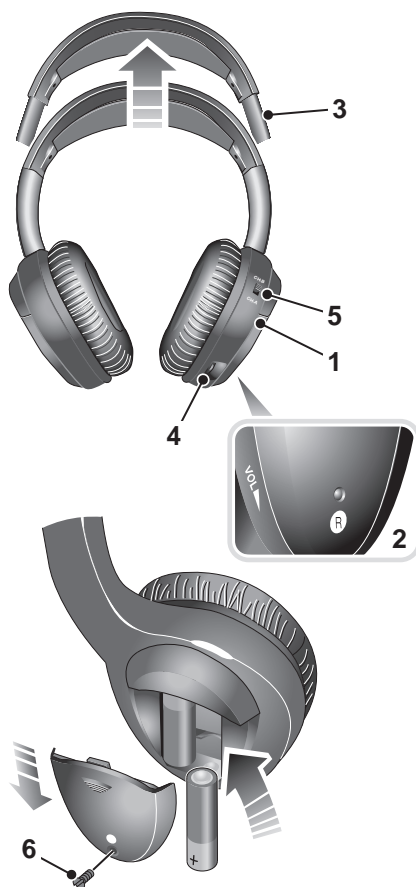
All headphones can be muted with a touch of the headphones mute softkey. Touch again to reinstate previous volume.

Touching the **AVL** softkey will limit volume of the headphones to 27 decibels. Touch again to reinstate headphones volume control.

WARNING

Always store headphones safely when not in use. Do not leave them unsecured as they may cause injury in the event of sudden braking or an impact.

Range Rover infra red headphones



LAN2833

1. **POWER ON-OFF** button
2. **POWER** indicator
3. Headband adjuster
4. **VOL** volume control
5. **CH.A** and **CH.B** channel selectors for left and right screens
6. Battery cover fixing.

Rear seat entertainment

Note: *These infra red headphones are not designed for use by a front seat occupant or outside the vehicle.*

Using the headphones

Press the **POWER ON-OFF** button. The **POWER** indicator will illuminate.

To adjust the headphones for fit, hold an earpiece and pull out the headband with a smooth action. Do not use excessive force.

Select the appropriate channel to match the left or right screen. **CH.A** is for the left screen and **CH.B** is for the right screen.

Adjust the volume to suit.

Note: *The earpiece exteriors must remain exposed to the infra red transmitter in the overhead console. Any barrier will prevent them from working correctly.*

When the two AAA batteries require replacement the sound quality and volume will be compromised. Remove the battery cover fixing and slide out the cover. Change both batteries with new ones. Refit the cover.

WARNING

Used batteries must be disposed of correctly as they contain a number of harmful substances. Seek advice on disposal from your Dealer/Authorised Repairer and/or your local authority.

Range Rover Sport and Discovery 4/LR4 headphones

Standard corded headphones can be used. These are not supplied with the vehicle.

The connection point for headphones with a 3.5mm jack connector is at the front of the module, located ahead of the rear window switch.

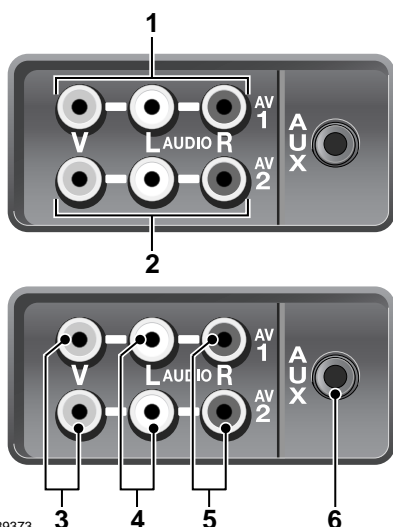
Note: *Only headphones compatible with a 3.5 mm jack plug socket can be used. To obtain optimum sound quality use headphones with an impedance of 32 ohms.*

Rear seat entertainment

AUXILIARY CONNECTIONS

Rear seat passengers may wish to use such devices as USB, games consoles, personal audio/ video players, or playback camcorder video.

The two auxiliary input points **AV1** and **AV2** allow for separate external devices to be used by the left and right rear seat passengers, or one device can be used by both rear seat passengers.



E89373

1. AV1. For left side.
2. AV2. For right side.
3. Video input - Yellow.
4. Audio input - White. Left channel.
5. Audio input - Red. Right channel.
6. AUX socket for 3.5mm jack plug.

To play an audio source connect the White lead for mono or the White and Red leads for stereo. For a video source connect the Yellow lead.

Note: Video signals will be displayed only on the Video Display Screens mounted in the front seat headrests.

AUX (Auxiliary Input) mode allows additional equipment to be connected to the vehicle's audio system. Items such as a personal stereo, MP3 player, iPod, hand-held navigation unit etc. can be plugged in to the vehicle's audio system.

Note: iPod Shuffle is supported when connected via the Auxiliary Input connector.

USB connection points are at the front of the vehicle.

WARNING

Loose objects within the passenger compartment can cause death or injury in the event of an accident or sudden braking. Ensure that all auxiliary input devices are securely fixed in position.

Caution: Auxiliary input devices may generate heat whilst operating. Do not place devices on the vehicles upholstery or carpets.

Ensure that any auxiliary input devices are suitable for use within a vehicle before using them.

Any auxiliary input devices that are used will require their own power source or a suitable adapter to use power from your vehicle.

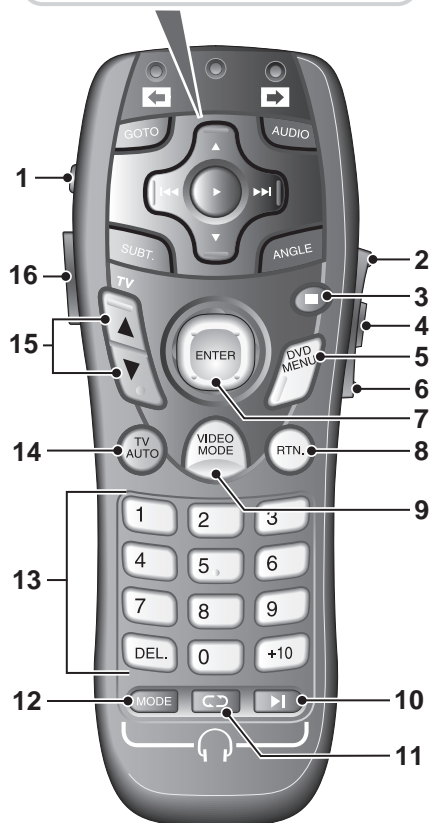
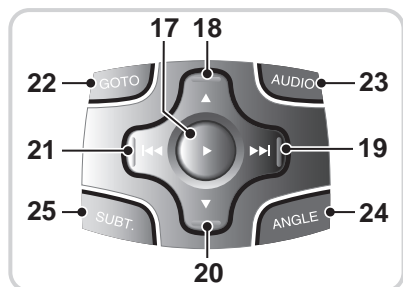
Power supplies, transformers, adapter leads etc. should be fitted professionally to ensure safe operation and avoid damage to the vehicle electrical system.

Auxiliary input devices are not intended for driver use. Do not use if they are likely to cause driver distraction.

Remote control

CONTROL FEATURES

Front view

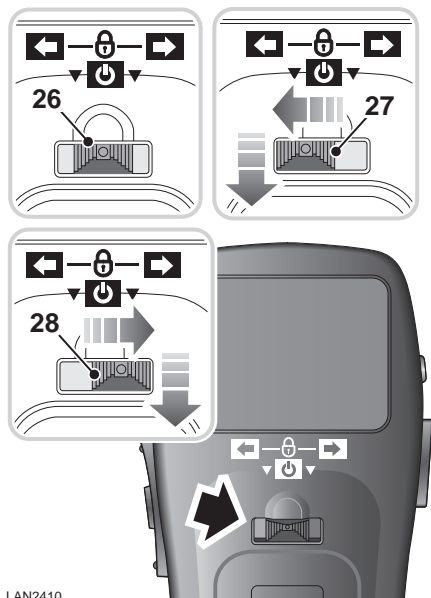


1. RSE on/off. Long press to toggle between NTSC and PAL video format.
2. Press to increase the set level.
3. DVD suspend play. Press again to end DVD play.
4. Menu select. Press repeatedly to view the setup choices.
5. DVD menu display.
6. Press to decrease the set level.
7. DVD menu control. Move left, right, up, or down the menu. Press to confirm selection.
8. Press to return to the previous CD or DVD menu.
9. Press to change video mode. DVD, TV, AV1 and AV2.
10. Radio/CD next available station/next track. Long press to search through CD track.
11. Radio/CD next preset station/next CD. Long press to scroll through wave bands.
12. Radio/DAB/CD/USB/RSE audio selector. Long press for AUX selection.
13. Numeric keypad. Press to select DVD chapters, CD tracks or TV stations.
14. TV auto/manual tuning.
15. Press for previous/next channel.
16. Press to illuminate controls.
17. DVD play.
18. DVD next disc up.
19. DVD seek forward plus fast forward.
20. DVD next disc down.
21. DVD seek backward plus fast backward.
22. GOTO chapter selection and DVD status.
23. Access DVD audio options.
24. Access DVD viewing angle options.
25. Access DVD subtitle options.

LAN2409

Remote control

Back view



LAN2410

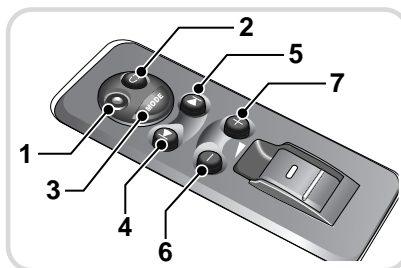
- 26. Central position - remote control locked.
- 27. Remote commands for right screen. Press to turn the right screen on/off.
- 28. Remote commands for left screen. Press to turn the left screen on/off.

Note: Only the video image is turned on/off. The audio signal continues unless another source is selected.

Note: The remote control will not be operational if the front supervisor screen is displayed.

AUDIO CONTROL FEATURES - Range Rover Sport and Discovery 4/LR4

The audio control features are located ahead of the rear window switch. All audio control is made through this module. Video control is made via the remote control.



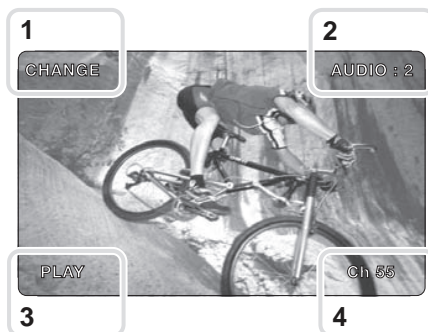
- 1. 3.5 mm headphone jack.
- 2. Radio pre-set and audio CD select. During radio play a short press will select the next pre-set radio station. A long press will change the frequency band (AM, FM, etc.). During audio CD play a short press will select the next disc.
- 3. Mode control. Press to toggle between radio, CD and RSE. A long press will select AUX. Press again to return to the previously selected mode.
Note: RSE must be selected before the remote control has any effect.
- 4. Seek down. During radio play press to seek down to the next available station with good signal strength. During audio CD play a short press will return to the beginning of the current track. Press again to skip back to the previous track. A long press will search back through the current track until the button is released.

Remote control

5. Seek up.
During radio play press to seek up to the next available station with good signal strength.
During audio CD play press to skip forward to the beginning of the next track.
A long press will search forward through the current track until the button is released.
6. Volume decrease.
Press to lower the headphone volume level.
7. Volume increase.
Press to increase the headphone volume level.

Note: When the headphones are not connected the buttons remain operational. This means that it is still possible to select CD, for example, whilst the radio is playing through the cabin speakers. The audio CD unit will remain operational until the mode control is pressed to select another mode. If the starter key is removed for longer than one minute, AUX mode will be selected automatically when the starter switch is next turned on.

ON-SCREEN INFORMATION



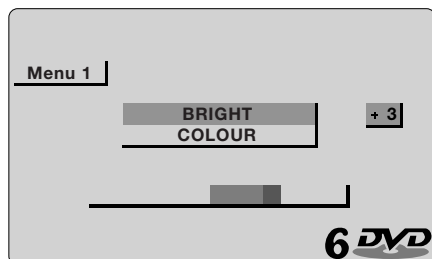
LAN2411

1. CD and DVD feedback and information.
2. Invalid command messages and audio channel information.
3. TV information
4. CD and DVD feedback and information.

Remote control

RSE SCREEN SETTINGS

Press button **4** to access the first setting option. Pressing the button repeatedly will scroll through further options.



E89187

While the required option is highlighted the level can be adjusted. Use buttons **2** and **6** to adjust the set level up or down.

Options where levels can be adjusted include:

- BRIGHT (screen brightness)
- COLOUR (screen colour)
- DIMMER (AUTO, DAY and NIGHT)
DAY is the brightest setting. NIGHT is the lowest setting.
- DIMMER LEVEL (Fine tune DAY and NIGHT settings)

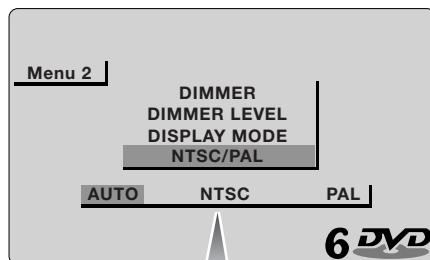
A fifth press of button **4** will access **DISPLAY MODE**. The screen aspect ratio can be adjusted to suit the video media being viewed.

Aspect ratios include:

- 16:9 (Widescreen)
- 4:3 (Commonly used for TV)
- CINEMA (Used for films produced for cinema release)
- ZOOM (Slightly wider than CINEMA setting)

Video signal format

When the video format option is highlighted it is recommended that AUTO is selected. This allows the system to determine the correct video format.



E89192

NTSC (National Television System Committee) is the format used in North America.

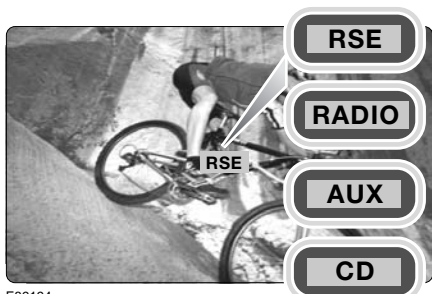
PAL (Phase Alternating Line) format is used in the United Kingdom and other countries around the world.

Reset to defaults

This screen gives the option of resetting display settings. All on screen display settings will revert to their default settings.

Remote control

RSE AUDIO SOURCE SELECTION



E89194

To select an audio source press button **12**. Press repeatedly to scroll through the available audio sources. When the required source is highlighted play will commence. A long press will select **AUX** mode.

Note: If you want to listen to the soundtrack of a video source such as a DVD, select RSE. The soundtrack can then be listened to with or without the video being displayed.

Radio play

With radio selected as the audio source, press button **10** to seek up to the next available station. Alternatively, press button **11** to move to the next pre-set station. A long press of button **11** will scroll through and select a radio band.

CD play

With CD selected as the audio source, press button **10** to skip forward to the next available track. A long press of button **10** will search forward through the track. Alternatively, press button **11** to move to the next CD.

USB

Use buttons **10** and **11** as for CD play.

RSE VIDEO SOURCE SELECTION

To select a video source press button **9**. Press repeatedly to scroll through the available video sources.

DVD play

To start DVD play press button **17**. Press button **3** to pause play. Press **3** again to end play.

To move to the next available disc press button **18**. To move back to the previous disc press button **20**.

To seek forward press button **19** and to seek backward press button **21**. For fast operation at x16 speed, press and hold.

Some discs allow DVD playback to be started at specified points. To start from a certain chapter for example, access the DVD menu by pressing button **5**. The menu will display any available choices for start point etc.

Note: The features available from the DVD menu will vary according to the discs inserted. Please refer to the instructions supplied on screen for more information.

If an attempt is made to enter a command that is either not available on the disc currently playing, or a command which is available but not at that time, a no entry symbol will appear in the top right corner of the display screen.



E89198

Remote control

Some DVD discs are recorded with additional features that allow subtitles to be displayed, camera angle to be changed and audio choices to be made. If these features are available they can be accessed using the DVD menu button **5** and then making the choices/adjustments as required.

Alternatively, the dedicated feature buttons camera angle **24**, subtitle **25** and audio **23**, can be pressed to access the relevant feature.

DVD audio

Most DVD discs have a selection of audio effects available. These are accessed by pressing button **23** to scroll through the selections. The selections appear as **AUDIO 1** & **AUDIO 2**.



E89199

The Main touchscreen in the front of the vehicle will display an icon to indicate the audio system in operation.

DVD region codes

Most DVD discs are coded, allowing them to play only in the region in which they are sold. Some are coded to allow play in any region. Consult the information/packaging of your DVD to check for region coding.

Note: The DVD player fitted to your vehicle will only play discs marked with the region code for the area in which your vehicle was purchased, or discs coded for all regions.

Use the table below to identify the region code that applies to your area.

Region Code	Regions
0	All regions
1	USA, US Territories, and Canada
2	Japan, Europe, South Africa, Middle east
3	Southeast Asia, East Asia (Inc. Hong Kong)
4	Australia, New Zealand, Pacific Islands, Central America, Mexico, South America, Caribbean
5	India, Africa, Russia and former USSR countries
6	China
7	Reserved
8	Special International Venues (Airlines, Cruise Ships etc.)
9	Region Free

If a DVD with an incorrect region code is inserted into the DVD player, the message **REGION CODE VIOLATION** will be displayed on the video screens.

Television play

There are two methods for accessing or tuning to a channel, manual mode and automatic mode. To change between the modes press button **14**.

To change channel use buttons **15**. In manual mode the next available frequency will be selected. In automatic mode the next pre-set station will be selected.

Note: Television stations can be programmed only as pre-sets from the main audio unit.

Type approvals





EEC CONFORMANCE





These units conform to the current valid European or harmonised national regulations. The designation is your guarantee of conformance to the applicable specifications concerning electromagnetic compatibility for the unit. This means that interference affecting other electrical/electronic devices caused by your unit, as well as interfering influences on your unit from other electrical/electronic devices can be largely prevented.

Current valid designations are:-

E symbol according to European motor vehicle EMC guideline 95/54/EC, also permits operation in motor vehicles classes (M, N, and O) which received their approval after 01/01/1996.

	
PART NO. Y I L 0 0 0 0 5 3	
	
SUPPLIER R9KWA	
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:	
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.	
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.	
 020816	

	
PART NO. YIP500340 	
SUPPLIER R9KWA	
Contains Mercury-Don't Put in Trash-Recycle or Dispose as Hazardous Waste.	
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:	
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.	
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.	
 020815	

	
DVD VIDEO/VIDEO CD/CD PLAYER 15V D.C. NEGATIVE GND.	
R9KWA MADE IN JAPAN	
 020819	
<p>THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:</p> <p>(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.</p> <p>(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.</p> <p>PRODUCT IS CERTIFIED BY THE MANUFACTURER TO COMPLY WITH DHS RULES 21 CFR SUBCHAPTER J APPLICATION AT THE DATE OF MANUFACTURE.</p> <p>Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, Inc. All rights reserved.</p>	
PART NO.	
<p>Apparatus Claims of U.S. Patent Nos. 4,631,653, 4,577,215, 4,516,086, and 4,907,093 licensed for limited viewing uses only.</p> <p>Main Ver. VIDEO Ver. PURPLE </p>	
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