CLASSIC INFOTAINMENT SYSTEM

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CLASSIC INFOTAINMENT SYSTEM

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IMPRINT

Jaguar Land Rover Limited,
Abbey Road,
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Great Britain

ABOUT THIS HANDBOOK

Please take the time to read all the user documentation delivered with your Classic Infotainment System as quickly as possible.

The information contained in this publication was correct at the time of going to print. Subsequent modifications/updates to the unit may mean that descriptions in the handbook may no longer be entirely in accordance with the status of the unit.

In the interest of progress we reserve the right to change the specifications, the design or the documentation at any time without notice and without any obligation. This publication or parts of this publication are not allowed to be copied or translated without our approval. Errors and omissions excepted.

SYMBOLS USED

Safety instructions either provide a procedure that must be followed exactly, or information that should be considered with great care to prevent the possibility of injury.

Precautionary measures either provide a procedure that must be followed exactly, or information that should be considered with great care to prevent the possibility of damage to your vehicle.

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UNIT PART NUMBER

BD11017, BD11018, BD11019, BD11020, BD11021, BD11022, LR114720, LR115044, LR117489, LR117490

STATUS

Status 08/2018, handbook version 1.0

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SAFETY

The Classic Infotainment System is the central control unit for the radio, media functions, iPod, external audio sources, sound settings, navigation and Bluetooth telephony. To ensure you do not put yourself or others at risk or cause yourself or others harm while using your Classic Infotainment System, you must pay attention to the following points:

⚠ **Risk of accident. Due to distraction, you could lose control of the vehicle. Only operate your Classic Infotainment System if you can control your vehicle safely and the road traffic situation permits. If in doubt, stop and operate the Classic Infotainment System with the vehicle stationary. The navigation system is only intended as an aid for the driver and provides a suggestion for the route. This aid does not relieve you of your sole responsibility to drive correctly to suit the road traffic, to comply with the highway code as well as other applicable provisions in relation to how to act in road traffic. As a driver you must assess the current traffic situation. You remain solely responsible for driving your vehicle safely. Continue to pay attention to the traffic situation.**

INTENDED USE

The Classic Infotainment System is used for the reception of radio stations, for playing back audio files on memory cards and other data carriers, for making telephone calls via Bluetooth® and for navigation.

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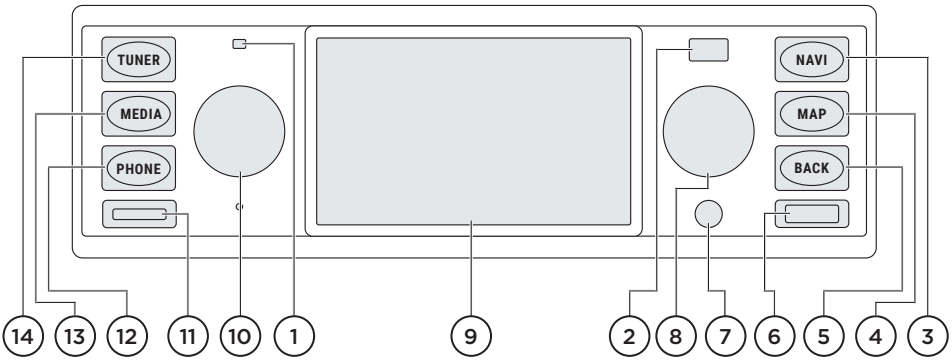
CONTROLS



1. Microphone for hands-free system

2. Light sensor for display brightness

3. NAVI (navigation mode)

4. MAP (map view) and repeat last announcement

5. Back button

6. USB port

7. Aux in

8. Rotary knob/push button
Turn: change frequency/change value/ change menu command

Press: next station/save station/ choose menu command

9. Display with touchscreen function

10. On/Off knob
Long press: switch on/off Classic Infotainment System

Turn: adjust volume

Short press: mute on/off/interrupt traffic message

11. microSDHC card slot

12. PHONE/choose telephone

13. MEDIA/choose media source

iPod®/iPhone®

Play back from USB stick

Play back from microSDHC card

Play back from Bluetooth® audio source

Aux in

14. TUNER/choose frequency band (AM/FM/DAB+)

Note: *The DAB+ function is only available in Europe.*

Note: *The SD card function is only available for Land Rover devices.*

MENU STRUCTURE

1. Status bar
2. Main display
3. EQ/sound settings
4. System settings
5. Options for tuner

BASIC FUNCTIONS

Selecting operating mode

Press the **TUNER**, **MEDIA**, **PHONE**, **NAVI** and **MAP** buttons to change between the various operating modes of the Classic Infotainment System.

Switching on and off the unit

The Classic Infotainment System is switched on and off together with the ignition. Alternatively, you can switch on and off the Classic Infotainment System manually. For this purpose press the On/Off knob for a few seconds.

Volume control

Turn the On/Off knob to adjust the volume. Depending on the operating mode selected, you change the volume for the active audio source, a traffic message, a navigation announcement, the telephone ring sound or the telephone call.

To prevent distraction or startling due to a sudden traffic message or navigation announcement, ensure the volume is always reasonable.

Muting

Press On/Off knob briefly. The sound is switched on or off.

Note: *Muting also interrupts the incoming traffic messages.*

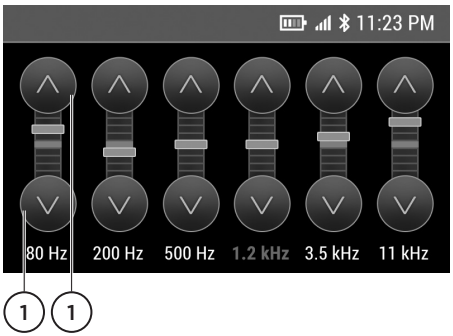
Touchscreen operation

To operate the unit using the touchscreen display, follow these steps:

1. Touch the touchscreen using your finger.
2. Move your finger over the touchscreen to the left/right/top/bottom with light pressure.

The selection on the touchscreen display moves depending on the direction.
In this way you can navigate through lists or menus. To accept a selection, tap the touchscreen display with your finger.
A menu is opened, an option is chosen or a function is run.

TONE



Equalizer

Using the **Equalizer** you can adjust the treble, mid-range and bass. You can also select pre-defined EQ presets. To set, follow these steps:

1. Choose sound settings .
2. Choose **Equalizer**.
3. Choose required EQ preset:

- **Pop**
- **Rock**
- **Classic**
- **Jazz**
- **Custom**

Choose **Custom** to set your own personal EQ settings.

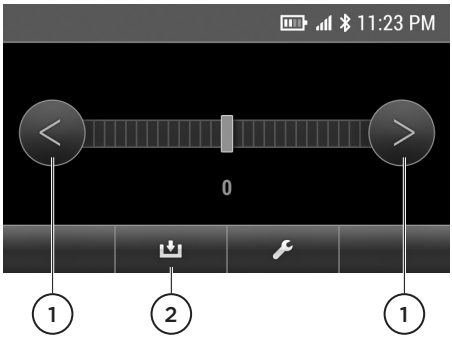
Set the required values using the arrows (**1**).

Loudness

High and low frequencies in the sound spectrum are enhanced by activating the Loudness function. To set, follow these steps:

1. Choose sound settings .
2. Choose **Loudness**

⦿ The option field shows whether the function is activated or deactivated.



Balance

Using the **Balance** you can move the sound within the vehicle to the right or left. To set, follow these steps:

1. Choose sound settings .
2. Choose **Balance**.
3. Set the required value using the arrows (**1**).
4. Save the setting: choose (**2**).

Fader

Using the **Fader** you can move the sound within the vehicle to the front or back. To set, follow these steps:

1. Choose sound settings .
2. Choose **Fader**.
3. Set the required value using the arrows (**1**).
4. Save the setting: choose (**2**).

TIME FORMAT, DATE AND TIME

To set the time format, date and time, follow these steps:

Time format

1. Choose .
2. Choose **Date/time**.
3. Choose **12h mode** or **24h mode**. Depending on the setting already

active, the setting changes to **24h mode** or **12h mode**. The setting displayed is activated.

Date

1. Choose .
2. Choose **Date/time**.
3. Choose **Date**.
4. Set the date using the arrows

Time

1. Choose .
2. Choose **Date/time**.
3. Choose **Time**.
4. Set the time using the arrows

TIME SYNCHRONISATION

The following options are available to synchronise the time:

- **RDS:** if this function is activated, the time is regularly synchronised with the time in the RDS signal.
- **GPS:** if this function is activated, the time is regularly synchronised with the time signal in the GPS signal.
- **Manually**: if this function is activated, the time you set manually is used.

To set the time synchronisation, follow these steps:

1. Choose .
2. Choose **Time synchronizing**.
3. Choose required option.

⦿ The option field shows whether the function is activated or deactivated.

STANDBY TIME

If the **standby time** function is activated, after switching off the ignition the Classic Infotainment System remains in the standby mode for the time you have selected. If you switch back on the ignition within the time set, the navigation is active again immediately, for example. To set the standby time, follow these steps:

1. Choose .
2. Choose **Standby**.
3. Choose required setting **5 minutes**, **15 minutes**, **30 minutes** or **Off**.

⦿ The option field indicates the function activated.

BUTTON SOUND

To activate or deactivate the button sound, follow these steps:

1. Choose .
2. **Choose Key tone**.

⦿ The option field shows whether the function is activated or deactivated.

AM TUNER ON/OFF

To select the AM frequency band, the AM tuner must be activated in the system settings. To activate the AM band, follow these steps:

1. Activate/deactivate **AM**: choose .
2. Choose **AM-Tuner**.

⦿ The option field shows whether the function is activated or deactivated.

DAB+ ON/OFF

To select the digital radio function **DAB+**, the DAB tuner must be activated in the system settings. To set, follow these steps:

1. Activate/deactivate **DAB+**: choose .
2. Choose **DAB+**.

⦿ The option field shows whether the function is activated or deactivated.

CHOOSE RADIOZONE

To select the european or american frequency band, follow these steps:

1. Choose .
2. Choose **Choose radiozone**.

⦿ The option field indicates the function **EU** or **US** activated.

Note: *When activating the US frequency band, the DAB function is not available.*

DAY/NIGHT MODE

The Classic Infotainment System can adjust the brightness of the display depending on the ambient light levels. To set, follow these steps:

1. Choose .
2. Choose **Day/night mode**.
3. Choose between the automatic setting **Auto** (light sensor) and **Custom**.

⦿ The option field indicates the function activated.

After you select **Custom** a scale for the day mode is displayed.

1. Set the required value using the arrows or .
2. To save, choose .

After you have saved the day mode, a scale for the night mode is displayed.

3. Set the required value using the arrows or .
4. To save, choose .

CONTROLLER SETTING

You can define the function of the rotary-pushbutton control using the **Controller setting** menu command. The following options are available:

- Zoom map
- Jump to the next or previous station or track

To set, follow these steps:

1. Choose .
2. Choose **Controller setting**.

⦿ The option field indicates the function activated.

Note: *If the **Change station/title** function is active and navigation is running in the background, it is only possible to zoom the map using the touchscreen display.*

LANGUAGE

To set the menu language, follow these steps:

1. Choose .
2. Choose **Language**.
3. The available menu languages are displayed.
4. Choose required language.

⦿ The option field indicates the language activated.

Note: *If you change the menu language, the navigation software will restart to apply the language. In some circumstances the navigation software contains various other languages that are not available on the device menu.*
To select a separate language within the navigation, change the language setting on the menu for the navigation software.

VOLUME OF THE AUDIO SOURCES

Using the **Volume** menu command you can regulate separately the volume for the individual media sources, e.g. traffic messages, Aux input or navigation announcements. To set the volume, follow these steps:

1. Choose .
2. Choose **Volume**.

3. Choose the required audio source.
4. Set the required value using the arrows or .
5. To save, choose .

To prevent distraction or startling due to a sudden traffic message or navigation announcement, ensure the volume is always reasonable.

VERSION INFORMATION

Using the **Version info** menu command you can retrieve the firmware version states. To display the version information, follow these steps:

1. Choose .
2. Choose **Version info**.

Note: *To retrieve the version states for the navigation software, change to the separate menu for the navigation.*

FACTORY SETTINGS

Using the **Factory reset** menu command you can reset the Classic Infotainment System to its state as delivered. All settings you have made will be deleted. To reset to the factory settings, follow these steps:

1. Choose .
2. Choose **Factory reset**.
3. Choose **YES**. The Classic Infotainment System is reset to the factory settings.

RESTARTING CLASSIC INFOTAINMENT SYSTEM

In a few exceptional cases it may be necessary to restart the Classic Infotainment System:

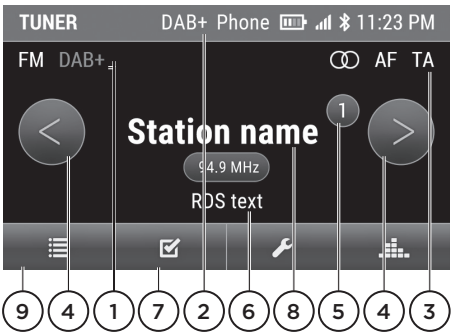
- General malfunction of the Classic Infotainment System
- Incorrect positioning on the map

To restart the Classic Infotainment System, follow these steps:

1. Remove all the media sources connected to the Classic Infotainment System.
2. Press the On/Off knob for five seconds until the system restarts.

Note: *If the Classic Infotainment System has a RESET button on the front, you can also restart the unit using this button.*

TUNER MAIN MENU



1. Frequency band (AM/FM/DAB)
2. DAB reception active
3. Stereo, AF and TA
4. Change between saved stations or activate search with a long press
5. Preset
6. Radio text
7. Options
8. Station name
9. List of stations

ACTIVATING TUNER

To activate the radio function, follow these steps: press the **TUNER** button. The tuner mode is displayed. The last station selected is played.

SETTING STATION

Setting frequency band

To set the required frequency band, press the **TUNER** button several times and choose between FM band, AM band and DAB+.

Note: *The DAB+ function is only available in Europe.*

Note: *To be able to select the AM band and DAB+, you must activate these functions in the settings for the Classic Infotainment System.*

Setting station manually

To set, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Turn the right rotary knob counter clockwise or clockwise and change the station frequency in steps.

Setting station using station search

To set, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Press the right rotary knob or use a long press on the arrows < or > to search for the next station that can be received.

Setting station via list of stations

The list of stations is generated automatically by the tuner and shows all the stations currently available. To open the list of stations, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Open the list of stations .
3. Choose station from the list of stations.

Setting station via saved stations

To set, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Press briefly the < or > arrows to choose a station already saved.

Alternatively:

2. Choose .
3. Choose **Presets**.
4. Choose station from the list of stations saved.

Note: *In both cases, there must be one or more stations in the list of saved stations.*

SAVING STATIONS

Saving current station

To save the station currently playing, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Choose the required station.
3. Tap the station name in the middle of the display. Alternatively use a long press on the right rotary knob or **Presets**.
4. Choose the preset using the touch-screen or using the right rotary knob and use a long press on the touchscreen or rotary knob to save.

Note: *The Classic Infotainment System can save 30 stations in each of the FM/AM frequency bands.*

Saving station from list of stations

To save station from the list of stations, follow these steps:

1. Choose the frequency band using the **TUNER** button.
2. Open the list of stations .
3. Choose the required station.
4. Tap the station name in the middle of the display. Alternatively use a long press on the right rotary knob or **Presets**.
5. Choose the preset using the touch-screen or using the right rotary knob and use a long press on the touchscreen or rotary knob to save.

ALTERNATIVE FREQUENCY (AF) ON/OFF

The AF function provides optimal reception with the aid of alternative frequencies. Regional programmes are taken into account. The switching behaviour is also affected by the local reception conditions and can therefore change. Poor reception conditions can result in undesirable, irritating frequency changes. In this situation, switch off the AF function. To activate the AF function, follow these steps:

1. Press the **TUNER** button.
2. Choose .
3. Choose **AF (Alternative Frequency)**.

⦿ The option field shows whether the function is activated or deactivated.

Note: *The function is available in the FM/DAB+ frequency band.*

TRAFFIC MESSAGES (TA) ON/OFF

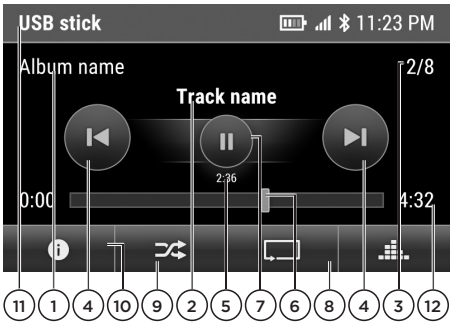
The traffic messages function (Traffic Announcement (TA)) provides traffic announcements while operating an audio source. To activate the TA function, follow these steps:

1. Press the **TUNER** button.
2. Choose .
3. Choose **TA (Traffic Announcement)**.

⦿ The option field shows whether the function is activated or deactivated.

Note: *The function is available in the FM/DAB+ frequency band.*

MEDIA MAIN MENU



1. Album
2. Track
3. Track number and total number of tracks
4. Previous/next track
5. Elapsed time
6. Fast forward or rewind/ progress bar
7. Play/pause
8. Repeat (repeat all tracks or folder)
9. Random on/off
10. Info (album information)
11. Medium
12. Track total time

ACTIVATING MEDIA

To activate the media function, follow these steps: press the **MEDIA** button. The media mode is activated and the list with the possible audio sources is displayed: **iPod/iPhone**, **USB stick**, **SD card**, **Ext. BT audiostreaming**, **Aux-In**. Audio sources that are not connected are displayed dimmed. To play back a medium, connect it and select it on the list displayed.

Note: *The SD card function is only available for Land Rover devices.*

AUDIO PLAYBACK FROM USB STICKS AND SD CARDS

To play back music from USB sticks or SD cards, follow these steps:

1. Press the **MEDIA** button.
2. Choose **USB stick** or **SD card.** The folder structure on the selected audio source is displayed.
3. Choose required folder.
4. Choose required track. The playback of the audio file starts. The audio files are played back in the order in which they are saved on the data carrier.

CONNECTING USB STICK

Connect the USB stick, with the contacts facing down, to the USB port. The USB port is on the right side of the front of the unit.

INSERTING AND REMOVING SD CARD

Inserting SD card

Insert the SD card, with the contacts facing forward and downward, in the SD card slot. The SD card slot is on the left side of the front of the unit.

Removing SD card

1. Press the SD card with the tip of your finger.
2. Remove the SD card.

Note: *The Classic Infotainment System supports USB sticks and MicroSDHC cards up to a maximum capacity of 32 GB.*

Note: *The SD card function is only available for Land Rover devices.*

AUDIO PLAYBACK FROM A BLUETOOTH® DEVICE (A2DP)

To play back music that is saved on a mobile phone, the phone must be coupled to the Classic Infotainment System and connected. To play back, follow these steps:

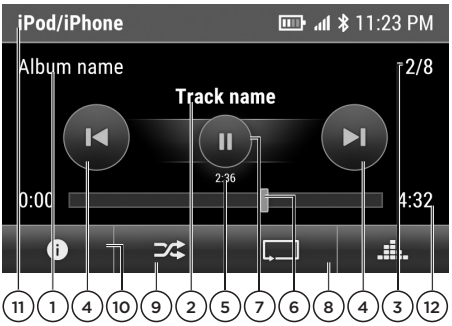
1. Establish Bluetooth® connection.
2. Press the **MEDIA** button.
3. Choose **BT audiostreaming**.
4. Choose ▶ to play back the audio file.

AUDIO PLAYBACK FROM IPOD® OR IPHONE®

To play back music that is saved on an iPod® or iPhone®, the device must be connected to the Classic Infotainment System via the USB port. To play back, follow these steps:

1. Establish USB connection.
2. Press the **MEDIA** button.
3. Choose **iPod/iPhone**.
4. Choose **Music**.
5. Choose category of the audio file from **Playlists**, **Artists**, **Songs**, **Albums**, **Genres**, **Composers**, **Podcasts** or **Audiobooks**
6. Select the audio file to play back in the category.

Note: *iPod® and iPhone® are registered trademarks of Apple Inc., Cupertino, California, USA.*



1. Album
2. Track
3. Track number and total number of tracks
4. Previous/next track
5. Elapsed time
6. Fast forward or rewind/progress bar
7. Play/pause
8. Repeat (repeat track, folder or all tracks)
9. Random on/off
10. Info (album information)
11. Medium
12. Track total time

AUDIO PLAYBACK VIA THE AUX PORT

To play back music that is saved on a device with an audio output, the device must be connected to the Classic Infotainment System via the AUX port.

1. Connect the external audio source to the AUX port.
2. Press the **MEDIA** button.
3. Choose **Aux-In** to play back the audio file.

Note: *You cannot operate the external audio device via the Classic Infotainment System. For example, to select a track you*

must make the corresponding setting on your external audio device.

FILE FORMATS SUPPORTED

The Classic Infotainment System supports the following file formats:

- .flac
- .m4a
- .mp3
- .ogg
- .wav
- .wma

INFORMATION ON BLUETOOTH®

Bluetooth® is the name for a short-range radio frequency (RF) technology that permits electronic devices to communicate with each other.

Note: *The Bluetooth® word mark and logos are owned by Bluetooth SIG, Inc and every usage of such marks is licenced by Jaguar LandRover Limited.*

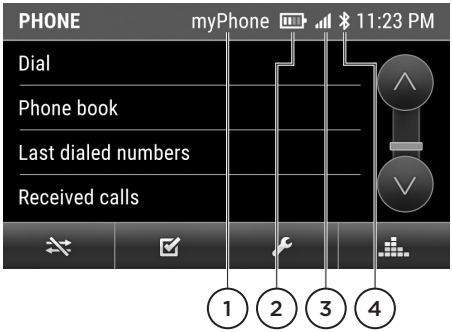
The Jaguar Bluetooth® radio technology supports a profile for the usage of the hands-free system (HFP) as well as a profile for playing back music (A2DP)

Note: *HFP and A2DP profiles can be connected independently, that is a telephone can be connected via one profile, while a further medium is connected via a second profile.*

Note: *Before using Bluetooth® radio technology, the mobile device must be connected to the Classic Infotainment System. You will also find further information on this aspect in the operating instructions for your mobile phone.*

It is recommended not to operate mobile devices while driving. Distraction of the driver can result in accidents and therefore serious injuries or even death. Only operate a mobile device if the vehicle is stationary. Follow the legal provisions in the country you are currently in.

PHONE MAIN MENU



1. Name of the mobile phone connected
2. Charge state of the mobile phone
3. Field strength of the mobile network
4. Bluetooth® is active

MAKING TELEPHONE CALLS

Requirements for making telephone calls

To make telephone calls via the Classic Infotainment System, the following requirements must be met:

- The Bluetooth® function is enabled.
- The Bluetooth® function in the mobile phone is enabled.
- The mobile phone is coupled and connected to the Classic Infotainment System.

DROPPED CALLS WHILE DRIVING

Calls may be dropped while driving. The reasons for this happening are:

- The GSM network coverage is inadequate.
- In the GSM cell in which the vehicle is located, all channels are busy.
- The SIM card used is not compatible with the network.
- On the usage of a mobile phone with dual SIM, the mobile phone is booked into the network with the second SIM card at the same time.

Answering call

If there is an incoming call, a ring tone sounds on the vehicle's loudspeakers. Audio sources that were active previously are muted if there is an incoming call. If the caller is saved in the list of contacts, both the name of the contact and the number are displayed. Only the number is displayed for unknown calls, provided the display of the number is not suppressed.

To accept the call, choose .

Rejecting call

To reject the call, choose .

Ending call

To end the call, choose .

Making call

To call a number, follow these steps:

1. Press the **PHONE** button.
2. Choose **Dial**.
3. Type the telephone number.
4. To make the call, choose .

Re-dialling

To call a number using the re-dial feature, follow these steps:

1. Press the **PHONE** button
2. Choose **Last dialed numbers**.
3. Choose the entry.
4. To make the call, choose .

Automatically accept call on/off

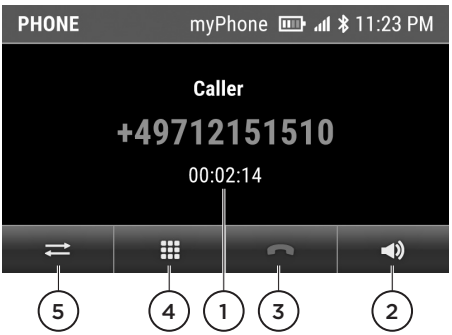
With this function, telephone calls are accepted automatically as soon as the mobile phone is connected to the Classic Infotainment System. To activate the function, follow these steps:

1. Press the **PHONE** button
2. Choose .
3. Choose **Auto answer**.

⦿ The option field shows whether the function is activated or deactivated.

Direct dialling

If a telephone number is displayed on a menu and this number is selected, this number is dialled directly.



Functions during a call

1. Active call
2. Microphone on/off
3. End call
4. Enter digits
5. Transfer call from the hands-free system to the mobile phone

Changing microphone

On the front of the Classic Infotainment System there is an internal microphone for making telephone calls using the hands-free system. If an additional external microphone is connected, you can change between the two microphones. To change, follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Microphone**.
4. Choose **internal** or **external**.

Note: *The external microphone is an optional accessory part.*

LIST OF CONTACTS

Transferring list of contacts

After a Bluetooth® connection is established, the Classic Infotainment System attempts to transfer the list of contacts from the mobile phone. If the list of contacts is not transferred automatically, you can start the transfer of the list of contacts manually. To transfer manually, follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Phone book synchronisation**.
4. Access to the list of contacts via the mobile phone is enabled.

Note: *A maximum of 15x 1250 contacts can be transferred per mobile phone.*

Sorting list of contacts

To sort the list of contacts by first name or surname, follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Sort phone book**.
4. Choose required sort criterion **First name** or **Last name**.

Calling contact

To call a contact from the list of contacts, follow these steps:

1. Press the **PHONE** button.
2. Choose **Phone book**.
3. Choose the contact.
4. If several telephone numbers are saved for the contact, choose the required telephone number.

Finding contact

To find a contact in the list of contacts, follow these steps:

1. Press the **PHONE** button.
2. Choose **Phone book**.
3. Choose .
4. Type the required contact.
5. Choose .
6. Choose the **contact**.
7. If several telephone numbers are saved for the contact, choose the required telephone number.

Deleting list of contacts

To delete the list of contacts, follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Delete phone book**.
4. Choose **YES** to delete.

CALL LISTS

Displaying call lists

To display the call lists, follow these steps:

1. Press the **PHONE** button.
2. Choose **Last dialed numbers**, **Received calls** or **Missed calls**.

Calling telephone number from a call list

To call a contact from the call lists, follow these steps:

1. Press the **PHONE** button.
2. Choose **Last dialed numbers**, **Received calls** or **Missed calls**.
3. Choose the entry to make the call.

BLUETOOTH® SETTINGS

Bluetooth® function on/off

To use the Bluetooth® functions, you must activate Bluetooth®. Follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Bluetooth**.

⦿ The option field shows whether the function is activated or deactivated.

Coupling Bluetooth® device

When the mobile phone is connected to the Classic Infotainment System for the first time, it is necessary to first search for the mobile phone and then couple it. It is also necessary to enter the pairing code via the mobile phone. You can undertake coupling from the mobile phone or from Classic Infotainment System.

Coupling via Classic Infotainment System

To couple from the Classic Infotainment System, follow these steps:

1. Press the **PHONE** button.
2. Choose **Add new device**. The Classic Infotainment System searches for Bluetooth® devices that are available and set to discoverable. The Bluetooth® devices found are then displayed.
3. Choose the required Bluetooth® device.
4. Type the pairing code and the coupling is completed.

Note: *The default pairing code is "1234".*

Coupling via mobile phone

To couple from the mobile phone, follow these steps:

1. Press the **PHONE** button.
2. Start the search for the Classic Infotainment System on the Bluetooth® menu on the mobile phone and couple.

Note: *The default Bluetooth® name for the Classic Infotainment System is "JLR".*

Note: *For further information on coupling from the mobile phone, refer to the related operating instructions from the manufacturer.*

Connecting coupled Bluetooth® devices

With the aid of the activated **Auto connect** function, the mobile phone is automatically connected to the Classic Infotainment System, provided the two devices are in close proximity. To activate the function, follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. Choose **Auto. connect**.

⦿ The option field shows whether the function is activated or deactivated.

Manual connection

To connect the two devices manually, follow these steps:

1. Press the **PHONE** button.
2. Choose the required mobile phone and it is connected to the Classic Infotainment System.

Closing Bluetooth® connection

To close a Bluetooth® connection, follow these steps:

1. Press the **PHONE** button.
2. Choose (**1**).

Uncoupling mobile phone

To uncouple a mobile phone, follow these steps:

1. Press the **PHONE** button.
2. Choose the required mobile phone
3. Choose .
4. Choose **YES** to delete.

Changing pairing code

The default pairing code is "1234". You can define your own four-digit pairing code. Follow these steps:

1. Press the **PHONE** button.
2. Choose .
3. **Choose Pairing-Code**.
4. Type the required pairing code.
5. Choose .

Changing Bluetooth® name

The default Bluetooth® name for the Classic Infotainment System is "JLR Bluetooth". You can define any name you like. Follow these steps:

1. Press **PHONE** button.
2. Choose .
3. Choose **BT-Name**.
4. Type the required Bluetooth® name.
5. Choose **OK**.

Note: *The change is only effective after complete decoupling and recoupling.*

THE NAVIGATION SYSTEM

In the interest of safety, only use or make settings in the system if it is safe to do so.

The navigation instructions are displayed either by the map or by arrow navigation on the touchscreen and are supplemented with voice announcements. To position the vehicle, the Classic Infotainment System uses signals from the Global Positioning System (GPS), combined with the map +data saved on the data carrier for the navigation. With the aid of this combination of data sources, you can plan and follow a route to the required destination using the Classic Infotainment System. The touchscreen is used to control the navigation via menus and map displays.

Note: *Always pay attention to national road traffic requirements.*

Road signs and traffic regulations always have priority. The navigation system is only used as an aid and, in particular, cannot be used as an orientation aid in bad visibility. Due to physical barriers GPS signals may occasionally be interrupted, for example in tunnels or on roads under motorway bridges. However, navigation can be continued as soon as the obstruction is left. In certain conditions the position of the vehicle on the map may be displayed incorrectly. These may occur in the following situations:

- Driving inside a building.
- Driving under bridges.
- Driving between high buildings.
- Driving in narrow valleys.
- Two roads are close together and run parallel

The navigation system is no substitute for safe driving with due care and attention. The driver should not assume that a function of the navigation system can correct an error on the part of the driver while driving. It is the responsibility of the driver to remain alert, to drive safely and to keep the vehicle under control at all times in the prevalent conditions. It is also the responsibility of the driver to assess the safety of the route suggested by the navigation system. The navigation system will not function exactly in all circumstances.

It is recommended not to operate the navigation system while driving. Distraction of the driver can result in accidents and therefore serious injuries or even death.

Note: *The first time you use the navigation system, familiarise yourself with its operation before the journey.*

Note: *You can drag the map within the map view in the direction of your choice. Press the touchscreen with your finger and drag the map in the related direction.*

SWITCHING ON NAVIGATION

To switch on the navigation, press the **NAVI** button. The main menu for the navigation software is displayed.

1. Entry
2. Hit list
3. Delete character
4. Hide keyboard
5. Cancel entry

ENTERING THE DESTINATION

Possible ways of entering an address

You can, e.g.

- Enter the place or postcode, road and house number
- Enter the place or postcode and road
- Enter the place or postcode and centre
- Enter the place or postcode, road and junction

Note: *You can enter all places, roads, postcodes etc. that are saved in the digital map. However, postcodes are not available for some countries. The country and place are enough for the navigation. You can enter either a place or a postcode. Road and house number complete the destination address.*

Entering address

For a general address entry, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Address**.
4. Choose **Country**.
5. Choose **Town** or **Postcode**.
6. Choose **Street**.
7. Choose **House number** or **crossing street**.
8. Choose **Select as Destination**.
9. Choose **Start Navigation**.

Choosing town/city centre as destination

To enter the centre of a town/city as the destination, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Address**.
4. Choose **Country**.
5. Choose **Town** or **Postcode**.
6. Choose **Go to Town**.
7. Choose **Select as Destination**.
8. Choose **Start Navigation**.

Information without complete address

You can also enter the destination without complete address information. Enter all the available information and then follow these steps:

1. Choose **Select as Destination**.
2. Choose **Start Navigation**.

The route is now calculated based on the existing information.

Destination from points of interest

You can choose the destination from the collection of existing points of interest ("POIs"), e.g. petrol stations, restaurants or car parks. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Places**.
4. Choose the required point of interest via **Search by Name or Category** or from a category.
5. Choose **Select as Destination**.
6. Choose **Start Navigation**.

Note: *If you want to choose points of interest at the destination or along the route, use the* ***along route*** *and* ***at my destination*** *functions.*

Destination from saved places

You can choose a destination from destinations already saved. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved Location**.
4. Choose **Select as Destination**.
5. Choose **Start Navigation**.

Note: *Destinations can only be chosen from saved places if places have already been saved.*

Destination from history

You can choose a destination from destinations you have already used. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **History**.
4. Choose the required destination.
5. Choose **Select as Destination**.
6. Choose **Start Navigation**.

Destination from saved routes

You can choose a destination from routes already saved. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved routes**.
4. Choose the required route.
5. Choose **Calculate Route**.
6. Choose **Start Navigation**.

Note: *Destinations can only be chosen from saved routes if routes have already been saved.*

Destination via coordinates

You can choose a destination by entering coordinates. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Coordinates.**
4. Type the required latitude.
5. Choose **OK**.
6. Type the required longitude.
7. Choose **Go!.**
8. Choose **Select as Destination**.
9. Choose **Start Navigation**.

Destination from all destination types

You can choose a destination from all possible destination types. Follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Search in All**.
4. Type name, address or category for the required destination.
5. Choose . A list of possible destinations is shown. The search

results appear in the column on the right filtered by category, e.g. **History**.

6. Choose required destination. The place is displayed on the map.
7. Choose **Select as Destination**.
8. Choose **Start Navigation**.

Destination via map

You can choose a destination directly from the map view. Follow these steps:

1. Press the **MAP** button.
2. Choose the required point on the map.
3. Choose **Select as Destination**.
4. Choose **Start Navigation**.

Saving destination

To save destinations, follow these steps:

1. Enter the required destination.
2. Choose .
3. Choose **Save Location**.
4. Choose .

ROUTES

Entering new route

To plan a new route with interim points, follow these steps:

1. Press the **NAVI** button.
2. Choose **Multipoint Route**.
3. Choose a final destination.
4. Choose **Select as Destination**.
5. Choose **Add Waypoint**.
6. Add a way point.
7. Choose **Select as Waypoint**.
8. Choose **Calculate Route**.
9. Choose **Start Navigation**.

Saving route

To save routes, follow these steps:

1. Enter a route.
2. Choose **Calculate Route**.
3. Choose .
4. Choose **Save Route**.
5. Choose .

Saving active route

To save the active route, follow these steps:

1. Choose .
2. Choose **Route Summary**.
3. Choose .
4. Choose **Save Route**.
5. Choose .

Renaming route

To rename a route, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved Routes**.
4. Choose .
5. Choose **Edit**.
6. Choose the required route.
7. Choose **Rename**.
8. Choose the required name.
9. Choose .

Changing route

To change a route, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved Routes**.
4. Choose the required route and make changes.
5. Choose **Calculate Route**
6. Choose **Start Navigation**.

Changing order of destinations

You can change the order of the way

points on a planned route. Follow these steps:

1. Press the **NAVI** button.
2. Choose **Multipoint Route**.
3. Choose .
4. Choose **Move Up** or **Move Down**.The destination is moved up or down by one position in the route list.

Deleting individual destination

To delete individual destinations from a planned route, follow these steps:

1. Press the **NAVI** button.
2. Choose **Multipoint Route**.
3. Choose .
4. Choose **Delete**.

Adding interim point

To add interim points to an active route, follow these steps:

1. Choose .
2. Choose **Add Waypoint** at the point where you want to add the interim point.
3. Enter the required destination.
4. Choose **Select as Waypoint**

Avoiding specific sections on the route

You can avoid specific sections on an active route. Follow these steps:

1. Choose .
2. Choose **Detours & Alternatives**.
3. Choose **Avoid Special Sections**.
4. Choose the specific section required.
5. Choose **Accept**.

Avoiding specific roads on a route

You can avoid specific roads on an active route. Follow these steps:

1. Choose .
2. Choose **Detours & Alternatives**.
3. Choose **Avoid Specific Road**.
4. Choose the required road.
5. Choose **Accept**.

Avoiding stretch of road ahead

You can avoid stretches of road ahead on an active route. Follow these steps:

1. Choose .
2. Choose **Detours & Alternatives**.
3. Choose **Avoid Route Ahead**.
4. Using or , choose the stretch of road ahead to be avoided.
5. Choose **Avoid**.

Restoring original route

To restore the original route, follow these steps:

1. Choose .
2. Choose **Detours & Alternatives**.
3. Choose **Restore Original Route**.
4. Choose **OK**.

Displaying alternative routes

To display the alternative routes while navigation is active, follow these steps:

1. .
2. Choose **Detours & Alternatives**.
3. Choose **Alternative Routes**.
4. Choose an alternative from the list on the right.
5. Choose **Select**.

Note: *The function is active if a route has been calculated or navigation is active.*

Interrupting navigation

To interrupt the active navigation, follow these steps:

1. Press **NAVI** button.
2. Choose .

Continuing navigation
To continue active navigation, choose **Continue Guidance**.

Deleting next interim point
To delete an interim point, follow these steps:

1. Choose .
2. Choose **Delete Waypoint**.

Deleting active route
To delete the active route, follow these steps:

1. Choose .
2. Choose **Delete Route**.

Deleting individual saved route
To delete a saved route, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved Routes**.
4. Choose.
5. Choose **Edit**.
6. Choose the required route.
7. Choose **Delete**.

Deleting all saved routes
To delete all saved routes, follow these steps:

1. Press the **NAVI** button.
2. Choose **New Route**.
3. Choose **Saved Routes**.
4. Choose.
5. Choose **Edit**.
6. Choose.
7. Choose **Delete All**.

Defining new starting point
If a starting point that is different to the actual GPS position is to be defined for a route, follow these steps.

1. Press the **NAVI** button.
2. Choose **Multipoint Route**.
3. Choose **Current GPS Position**.
4. Choose **Set Starting Point**.
5. Choose **OK**.
6. Enter the required starting point.
7. Choose **Set Starting Point**.
8. Choose **Calculate Route**.
9. Choose **Navigation View**.

Deleting new starting point
If the actual GPS position is to be restored as the starting point, follow these steps.

1. Press the **NAVI** button.
2. Choose **Multipoint Route**.
3. Choose starting point.
4. Choose **Delete Starting Point** .
5. Choose **OK**.

Starting route simulation
A route simulation can be displayed using this function.

1. Prepare a route.
2. Choose **Calculate Route**.
3. Choose .
4. Choose **Simulation**.

Jumping back to last turning
Choose.

Jumping forward to next turning
Choose .

Interrupting simulation
Choose .

Increasing simulation speed

Choose **1 x**. The simulation speed is increased by four times, eight times or sixteen times.

Ending simulation

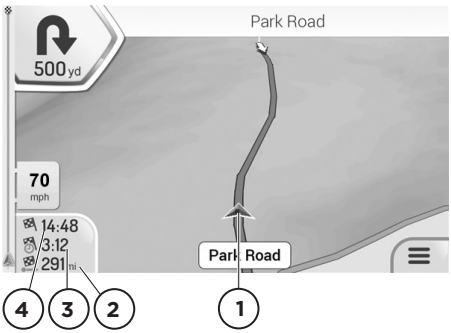
Choose ✖.

DURING NAVIGATION

Repeating navigation announcements

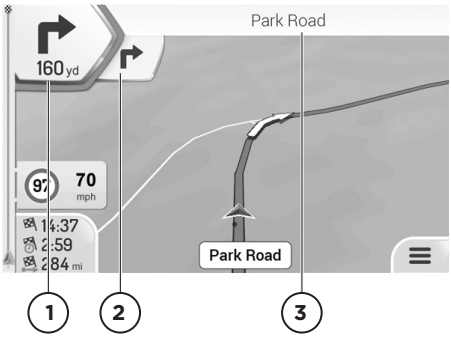
The navigation announcements from the Classic Infotainment System will help during navigation, while avoiding distraction from the traffic situation. To repeat navigation announcements already made, follow these steps: press the **MAP** button twice.

Display during navigation



1. The actual vehicle position
2. The actual distance to the destination
3. The actual driving time to the destination
4. The expected arrival time

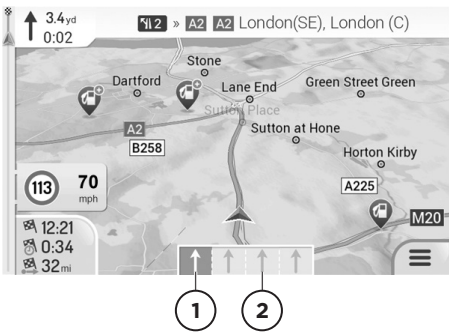
Turning



1. The next turning and the distance to the turning
2. The turning after next
3. The next road or the next place

The symbol for the next turning (top left) provides information on the turning, e.g. turn right. A further turning that comes immediately after is indicated by a smaller symbol (to the right).

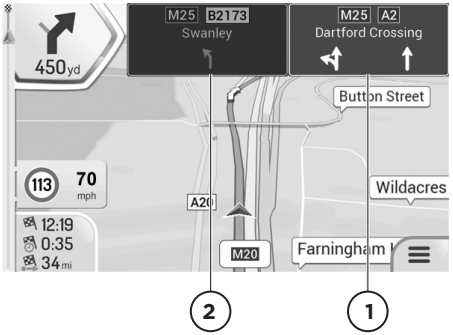
Lane recommendation



1. The recommended lane
2. The lanes not recommended

If the digital map contains the related data, the Classic Infotainment System can display lane recommendations for imminent turnings on multilane roads.

Lane recommendations are displayed with small arrows at the bottom in the map. The recommended lane is highlighted.



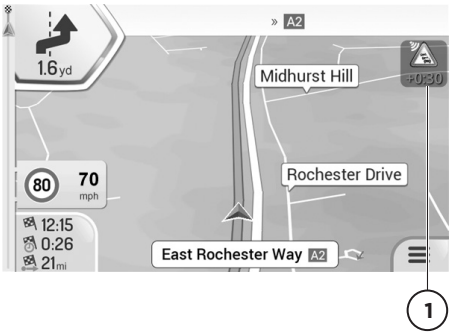
1. The recommended lane
2. The lanes not recommended

If additional information is available, the arrows are replaced with road signs. The road signs show the possible destinations and the number of the road for the related lane. During active navigation, the signs for the recommended lane are highlighted.

Traffic messages on the map

Sections of road affected by traffic messages are displayed on the map in a different colour. The type of traffic message is indicated by a symbol.

1. Press the **MAP** button.
2. Press the symbol for the traffic messages
3. Choose the required traffic message from the list.



(**1.**) Symbol for the traffic message

Displaying useful information

The navigation software provides a few items of additional information, e.g. country information. To retrieve this information, follow these steps:

1. Press the **NAVI** button.
2. Choose **Useful Information**.
3. Choose from the following information:

- **Where Am I**: displays the actual vehicle position.
- **Help Nearby**: displays point of interest categories, e.g. garages nearby.
- **Country Information**: displays information on the selected country, e.g. permissible maximum road speeds.
- **Trip Monitor**: displays statistical data on journeys, e.g. the average road speed driven.
- **Sunrise & Sunset**: displays the time for sunrise and sunset at the current vehicle position.
- **GPS Information**: displays information on the GPS signal strength and the satellite positions.

NAVIGATION SETTINGS

Setting vehicle profile

To set the vehicle profile, e.g. car or lorry, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Route Preferences**.
4. Choose **Vehicle**.

Adding new profile

To add a new profile, follow these steps:

1. Choose **Add Profile**.
2. Choose vehicle type.
3. Set parameters.
4. Choose **Save Profile**.

Setting route planning method

To make the settings for route planning, e.g. fast or short, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Route Preferences**.
4. Choose **Route Planning Method**.
5. Choose the required setting:

- **Fast**: the Classic Infotainment System calculates a route with the shortest possible journey time.
- **Easy**: the Classic Infotainment System calculates the easiest possible route, e.g. with as few turnings as possible.
- **Short**: the Classic Infotainment System calculates a route that is as short as possible.
- **Green**: the Classic Infotainment System calculates a route that is as economical as possible.

Setting navigation mode

For off-road navigation you can calculate the route based on the line as the bird flies. Follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Route Preferences**.
4. Choose **Navigation Mode**.
5. Choose the required function.

Setting road types

You can take into account or exclude different road types during the calculation of the route. Follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Route Preferences**.
4. Choose the required function:

- **Motorways**: if this function is enabled, motorways are taken into account during the route calculation.
- **Road With Period Charge**: if this function is enabled, roads with a time-dependent charge for usage are taken into account during the route calculation.
- **Road With Per-use Toll**: if this function is enabled, roads with a distant-dependent charge for usage are taken into account during the route calculation.
- **Ferries**: if this function is enabled, ferries are taken into account during the route calculation.
- **Car Shuttle trains**: if this function is enabled, motorrail trains are taken into account during the route calculation
- **Unpaved Roads**: if this function is enabled, unmade roads are taken into account during the route calculation.

Setting volume for sounds

To set the volume for sounds and voice output, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Sound**.
4. Choose the required function and set the volume:

- **Master**: set volume for all sounds.
- **Voice**: set volume for voice outputs.
- **Alerts**: set volume for acoustic warnings.

- **Ding**: set volume for attention sound. The attention sound is output before the navigation announcements.
- **Keys:** set volume for the button sounds.

Switching on or off sounds

To activate or deactivate the sounds, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Sound**.
4. Activate or deactivate the required function:

- **Voice Guidance**: if this function is enabled, voice instructions are output.
- **Early Indication of Manoeuvres**: if this function is enabled, the Classic Infotainment System reads aloud a summary of the route during the route search.
- **Announce Route Summary**: if this function is enabled, the Classic Infotainment System reads aloud route summary.
- **Announce Country Info**: if this function is enabled, the Classic Infotainment System reads aloud country information on reaching a national border.
- **Announce Traffic Info**: if this function is enabled, the Classic Infotainment System reads aloud traffic messages received.
- **Announce System Messages**: if this function is enabled, the Classic Infotainment System reads aloud system messages.

Setting the level of detail of the voice instructions

To set the scope of the voice instructions, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Sound**.
4. Choose **Verbosity Level**.
5. Choose the required function:

- **Minimal**: output voice instructions once immediately before the next turning.
- **Medium**: voice instructions are output on approaching the next turning and immediately before the turning.
- **Verbose**: voice instructions are output relatively further away from the next turning and immediately before the turning.

Reading out road names

To output road names with the navigation announcements, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Sound**.
4. Choose **Say Road Names in Native Language Area** or **Say Road Names in Foreign Language Area**.
5. Choose the required function.

Settings warnings for road speed limits

To set the road speed warnings, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Warnings**.
4. Choose **Speed Limit**.
5. Make the required settings:

- **Warn when speeding**:
  - **Audio and Visual**: if the vehicle exceeds the maximum road speed permitted, the Classic Infotainment System outputs a visual warning.
  - **Visual:** if the vehicle exceeds the maximum road speed permitted, the Classic Infotainment System outputs a visual warning.
  - **Disabled**: the Classic Infotainment System does not output a warning.
- **Speed Limit Always Visible**: if this

function is enabled, the maximum road speed permitted is displayed in the Classic Infotainment System.
- **Outside Towns: X % of the Speed Limit**: if the vehicle reaches the defined percentage of the maximum road speed permitted, the Classic Infotainment System outputs a warning.
- **Within Towns: X % of the Speed Limit**: if the vehicle reaches the defined percentage of the maximum road speed permitted, the Classic Infotainment System outputs a warning.

Note: *This function is not available in all countries and all regions.*

Note: *Deviations are possible between map material and actual traffic situation.*

Settings warnings for warning points

A warning point is a place on the journey that demands special attention, e.g. a school. The Classic Infotainment System outputs a warning when you approach the place. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Warnings**.
4. Choose **Alert Points**.
5. Choose **Alert Point Warnings On/Off**.

Note: *This function is not allowed in all countries and all regions. Follow the legal provisions in the country you are in.*

Types of warnings

To define the types of places where a warning is to be given, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Alerts**.
4. Choose **Alert Points**.
5. Choose **Alert Types**.
6. Choose the required type of warning, e.g. **Railroad Crossing**, **Fire Station** or **Toll Booth**.

Setting warnings on map

If this function is enabled, warnings appear on the map.

1. Press **NAVI** button.
2. Choose **Settings**.
3. Choose **Warnings**.
4. Choose **Road Signs**.
5. Choose **On**.
6. Choose the required road signs.
7. Choose **Warning Type**.
8. Make the required setting.
9. Choose **Distance**.
10. Set the required distance.

Settings zoom and angle of the map

To set the angle of the map, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Map Appearance**.
5. Choose **Viewpoint**.
6. Choose the required setting:

- **Far**
- **Normal**
- **Close**
- **Manual zoom**

Settings map day/night view

To set the map day/night view, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Map Appearance**.

5. Choose **Colour Mode**.
6. Choose the required setting:

- **Auto**
- **Day**
- **Night**

Setting map colours

To set the map colours, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Map Appearance**.
5. Choose **Day Map Colours** or **Night Map Colours**.
6. Choose the required map colour using the arrows.

Enabling or disabling the display of 3D objects on the map

To display 3D objects on the map, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
5. Choose **Map Appearance**.
6. Choose **Landmarks**, **Building** or **3D Terrain**.

You can select the following 3D objects:

- **Landmarks**: 3D display of notable or known objects
- **Building**: 3D display of buildings in a city
- **3D Terrain**: 3D display of the surrounding terrain

Enabling or disabling route recording

To record the route, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Map Appearance**.
5. Choose **Track Logs**.

Enabling or disabling the display of point of interest symbols on the map

To display symbols for points of interest on the map, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Map Appearance**.
5. Choose **Place Markers**.
6. Choose the required point of interest category, e.g. **Shopping**, **Leisure** and others.

Setting data fields on the map

You can specify the information displayed in the map view. Follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Data Fields**.
5. Choose **First**, **Second**, **Third** or **Without Route**.
6. Choose the required setting, e.g. **Time of Arrival at Destination**, **Distance to Destination** or others.

Displaying progress bar for the route

For the simplified indication of the vehicle position on the route, you can activate the route progress bar. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Route Progress Bar On/Off**.

Providing motorway information

With this function, information can be retrieved during a motorway journey, e.g. on service areas.

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Offer Motorway Services**.

Displaying points of interest close to motorway journeys

Using this function, you can specify which point of interest categories close to motorway journeys are displayed on the map. Follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Services Displayed**.
5. Choose point of interest category that is to be changed.
6. Choose required point of interest category.
7. Choose **Select**.

Automatic overview

This function makes it easier to understand the next turning by changing the map section and the viewing angle. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Automatic Overview On/Off.**

Displaying road signs

With this function, lanes are displayed with the aid of road signs. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Signposts On/Off**.

Displaying junction overview

If the digital map contains corresponding data, a 3D view is displayed on approaching a motorway exit or a difficult junction. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Junction View On/Off**.

Displaying tunnel view

With the aid of this function, a tunnel view is displayed on driving through a tunnel. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Tunnel View On/Off**.

Providing traffic jam avoidance on motorways

With the aid of this function, the Classic Infotainment System provides an alternative route if there is a traffic jam. The Classic Infotainment System calculates the alternative route from the next motorway exit. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. **Offer Congestion Detour On HighwaysOn/Off**.

Providing real-time route alternatives

With the aid of this function, the Classic

Infotainment System provides alternative routes during journeys on normal roads. The alternative route is displayed from the next junction. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Offer Real-time Alternative Routes On/Off**.

Providing information on car parks in the vicinity

With the aid of this function, the Classic Infotainment System provides information on car parks in the vicinity. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Offer Parking Around Destination On/Off**.

Providing suggestions on variations

With the aid of this function, the Classic Infotainment System provides points of interest close to the motorway journey or avoidable sections (e.g. toll roads), if you leave the calculated route on the motorway. To activate/deactivate the function, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Navigation View**.
4. Choose **Offer Hints Upon Detour**.

Map view and map alignment

To set the map view and alignment, follow these steps:

1. Press the **NAVI** button.
2. Depending on the current setting, choose **3D**, **2D** or .The setting changes, depending on the previous setting to **3D**, **2D** or .

- **3D map**: the map view is aligned with the direction of travel.
- **2D map in direction of travel**: the map view is aligned with the direction of travel. The direction of travel is always up.
- **2D map aligned on north**: the map view is always aligned on north. North is always up.

Setting language for the user interface

To change the language for the menu commands, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional**.
4. Choose **Language**.
5. Choose required language. The application restarts.

Setting language for voice outputs

To change the language for the voice output, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional.**
4. Choose **Voice Language**.
5. Choose the required language and speaker.

Setting units and formats

To change the units used in the navigation, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional**.
4. Choose **Units & Formats**.
5. Choose the required unit/the required format:

- **Distance**

- **Fuel Consumption**
- **Weight**
- **Time Format**
- **Date Format**
- **Date Delimiter**
- **Coordinate Display Format**

6. Make the required change.

Setting time zone automatically

To change the time zone automatically, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional**.
4. Choose **Time Zone**.
5. Choose **Automatic Time Zone**.

Setting time zone manually

To change the time zone manually, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional**.
4. Choose **Time Zone**.
5. Choose **Manual Time Zone**.
6. Choose **Time Zone**.
7. Set the required value.

Setting summer time

To activate/deactivate summer time, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Regional**.
4. Choose **Time Zone**.
5. Choose **Manual Time Zone**.
6. Choose **Daylight Saving Time On/Off**.

Menu animation

To activate/deactivate the menu animation, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Display**.
4. Choose **Menu Animations On/Off**.

Traffic messages/real-time traffic messages (TMC)

The Traffic Message Channel (TMC) can provide traffic messages in real-time. The Classic Infotainment System can receive TMC traffic messages and take them into account for traffic-dependent navigation. The traffic messages are activated by default. If traffic messages occur on the route, the Classic Infotainment System outputs a message and recalculates the route.

Note: *TMC is not available in all countries and regions.*

Reception of traffic messages

To activate/deactivate traffic messages, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic On/Off**.

Choosing data sources for real-time traffic messages

This function is available if the TMC receiver is activated.

1. Press **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Data Source**.
5. Choose the required data source.

Real-time traffic messages

To activate/deactivate the usage of real-time traffic messages, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.

4. Choose **Use Real-time Traffic On/Off**.

Displaying traffic information

To display traffic information, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Show Traffic Info**.
5. Choose the required option **Off**, **Colour** or **Colour and Icon**.

Displaying free flow of traffic

To activate/deactivate the display of the free flow of traffic, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Show Free Traffic Flow As Well On/Off**.

Switching on or off usage of past traffic data

To activate/deactivate the function to use past traffic data, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Use Historical Traffic On/Off**.

Setting time saving for route recalculation

With this function, you can specify the time saving from which the Classic Infotainment System calculates a new route if there are traffic messages for the current route. To set, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Offer detour if it saves at least**.
5. Set the required minimum value for the time saving.

Prompting for route recalculation

If this function is activated, the Classic Infotainment System prompts before it calculates a new route. To activate/deactivate the function, follow these steps.

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Traffic**.
4. Choose **Confirm Detours Manually On/Off**.

Journey overview

To record the journeys, the Classic Infotainment System provides functions for saving journey data. To activate/deactivate the functions, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Trip Monitor**.
4. Activate/deactivate the required function:

- **Enable auto-saving On/Off**: if this function is enabled, the Classic Infotainment System saves statistical data on the journeys.
- **Save Track Log On/Off**: if this function is enabled, the Classic Infotainment System saves route recordings.

Starting configuration wizard

You can change the basic settings, e.g. language, time format and other units to suit your region using the configuration wizard. To start the configuration wizard, follow these steps:

1. Press the **NAVI** button.
2. Choose **Settings**.
3. Choose **Start Configuration Wizard**.

The configuration wizard starts and undertakes the configuration.

UPDATING DIGITAL MAP

You will only achieve optimal navigation using the latest map data. You can update the digital map. You will find further information at: www.kraemer-automotive.com/jaguarlandroverclassic/update

Note: *With the purchase of this product you received one free of charge update of map data. You will be eligible for the first free of charge map data update for 30 days which starts from when the „PC Tool" has been used for the first time or your vehicle done more than 20 km from installing the unit. To update the map data please visit www.kraemer-automotive.com/jaguarlandroverclassic/update, where you will find the exact instructions.* ***Please Note!*** *You must perform the map update within 30 days from using the „PC Tool" for the first time or completing 20 km from your starting point, otherwise additional charges might occur.*

INSTALLING AND REMOVING THE CLASSIC INFOTAINMENT SYSTEM

Important safety instructions on installation

This Classic Infotainment System was designed for usage in vehicles with a 12-volt battery and fits for **negative earth vehicles only**. Before you install the Classic Infotainment System in your vehicle, make sure the battery voltage corresponds to the Classic Infotainment System. If not, use a voltage converter to convert the supply voltage to 12 volts.

- Short circuit hazard and fire hazard during work on the vehicle electrics. Disconnect the battery during work on the vehicle electrics.
- To prevent short circuits in the wiring and damage to the Classic Infotainment System, secure all cables using cable ties or insulating tape. Do not route cables past hot areas. Also avoid areas with moving parts, e.g. the gear lever, handbrake lever or seat rails so that the insulation on the cables is not damaged.
- Avoid short circuits and damage by not routing connecting cables through the engine compartment to connect them to the battery.
- If the fuse is faulty, only replace the fuse with a new 15-ampere fuse. Never use a fuse different to that stated, because otherwise there may be cable fires or short circuits.
- Do not connect Classic Infotainment Systems to the battery, because otherwise the battery may overheat.
- Please make sure that all cable connections to the loudspeakers are correctly insulated to prevent short circuits.
- Avoid connections from the earth cable to the loudspeaker output, because the internal output stage could be damaged.
- The maximum load for the loudspeakers used is 4 x 45 Watt.
- On connecting the loudspeakers, pay attention to correct connection, because the navigation announcements are only sent to the front loudspeakers.
- In principle a speedometer signal is not required for the operation of the Classic Infotainment System.
- Jaguar Land Rover recommend that the installation must be carried out by a competent technician or engineer.
- On vehicles with antenna amplifiers, the connection must be made to the ISO connector (black) PIN5 (blue). Jaguar Land Rover recommend that the installation must be carried out by a competent technician or engineer.

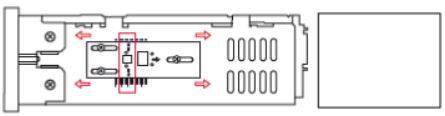
Installation

1. Before you start, it is imperative you completely disconnect the battery from the vehicle's electrical system.
2. Remove the installation mounting from the Classic Infotainment System. If the Classic Infotainment System is engaged in the mounting, use the unlocking key provided to unlock the mounting.
3. Remove the old Classic Infotainment System including installation mounting.
4. Check whether it is possible to fit the new installation mounting correctly in your DIN slot. The installation mounting is designed for installation slots with the dimensions 183 x 52 mm (width x height). Do not use force to insert the installation mounting.
5. Bend up the locking tabs on the installation mounting and in this way ensure the Classic Infotainment System is held securely and firmly in the vehicle.
6. Position the Classic Infotainment System in front of the installation slot. Pull the connecting cables through the installation mounting and then connect the Classic Infotainment System to the cables. During this process, follow carefully the connection diagram and make sure all cables are correctly insulated.
7. In principle we recommend fitting the spacer provided to the rear of the Classic Infotainment System. The spacer is used to protect the radio connections and is screwed into the thread provided. Then fit the rubber cap provided.
8. Push the Classic Infotainment System into the installation slot until it engages in the installation mounting.
9. After the Classic Infotainment System has been connected, reconnect the battery. With the ignition switched on, check whether it is possible to switch on the Classic Infotainment System. Jaguar Land Rover recommend that the installation must be carried out by a competent technician or engineer.

Damage to Classic Infotainment System: Incorrect connection can cause irreparable damage to the Classic Infotainment System or to the vehicle electronics.

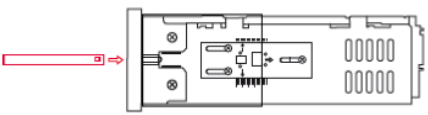
Fine adjustment of the installation depth

To adjust the installation depth to the related vehicle model, undo the screws on the adjusting feature on both sides of the Classic Infotainment System. Change the adjustment as appropriate and then re-tighten the screws.

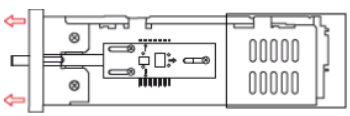


Removal

1. Insert the two unlocking keys provided into the openings provided on the left and right end of the front panel until they engage.



2. Carefully pull the Classic Infotainment System out of the radio slot using the two unlocking keys.

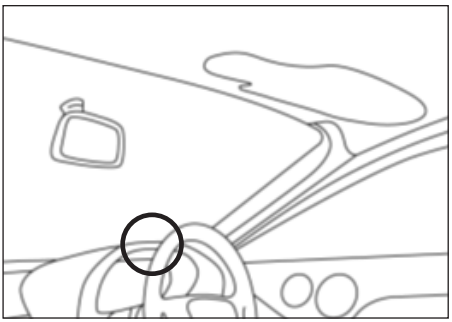


3. Disconnect all connectors on the rear.
4. Remove the installation mounting from the radio slot.

CONNECTION OF ACCESSORIES

Installation of the hands-free microphone

The Classic Infotainment System has a microphone already installed in the front panel for the usage of the internal hands-free system. The separate external microphone can also be connected. This microphone can improve the voice quality. For the optimal usage of the microphone, we recommend installation in the area behind the steering wheel. For further information, refer to the illustration on the connection diagram.



Information: *The installation position shown is only a recommendation. Because the situations within vehicles can differ in the specific case, Jaguar Land Rover recommend that the installation must be carried out by a competent technician or engineer.*

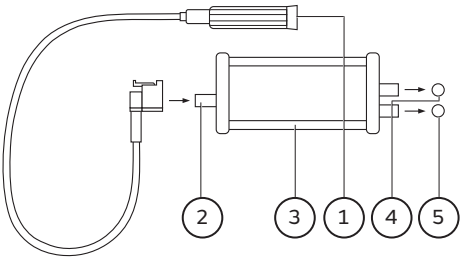
Installation of the GPS antenna

In principle we recommend the installation of the GPS antenna inside the vehicle. Avoid, if possible, all installations of the GPS antenna in which reception elements could be covered and reception limited.

Note: *Installation situations within vehicles can differ in specific cases.*

Installation of the antenna signal splitter

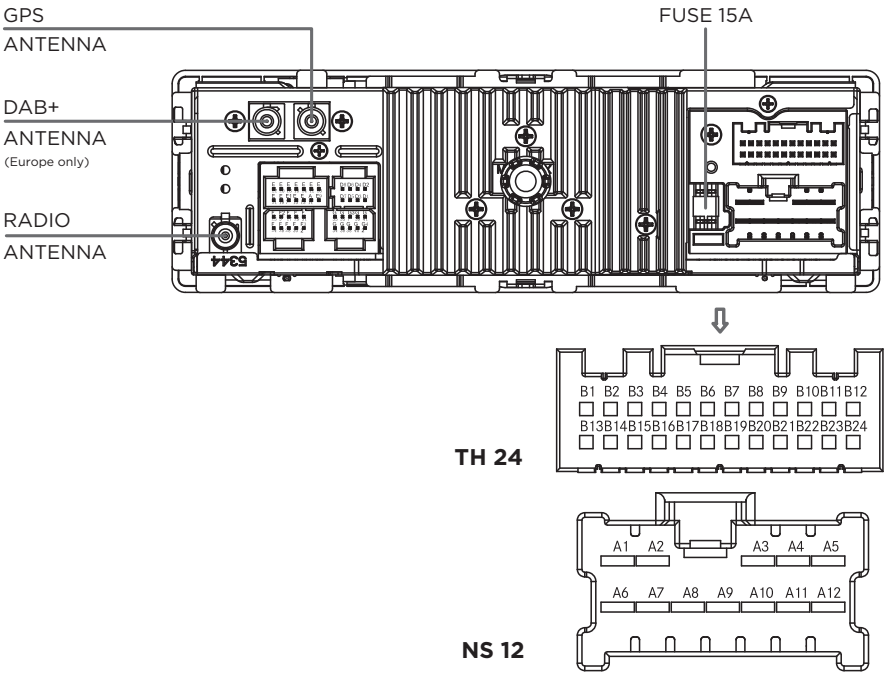
The antenna signal splitter included in the delivery package divides the input signal of your FM/AM antenna into an FM/AM and a separate DAB signal. Connect the distributor as follows:



1. DIN 150 Ohm adapter
2. FM/AM antenna input
3. Antenna signal splitter
4. DAB connector for the device
5. FM/AM connector for the device

Note: *The antenna signal splitter is included in the scope of delivery for European market devices only.*

CONNECTION DIAGRAM



NS 12	
No.	**Pin definition**
A1	Battery +
A2	NC
A3	Front Right +
A4	Front Left +
A5	Rear Left +
A6	Ground
A7	NC
A8	Rear Right -
A9	Rear Right +
A10	Front Right -
A11	Front Left -
A12	Rear Left -

TH 24			
No.	**Pin definition**	**No.**	**Pin definition**
B1	NC	B13	NC
B2	NC	B14	NC
B3	NC	B15	NC
B4	NC	B16	NC
B5	Mic. power	B17	NC
B6	Mic. signal	B18	Mic. ground
B7	NC	B19	NC
B8	NC	B20	NC
B9	NC	B21	NC
B10	NC	B22	NC
B11	ACC	B23	NC
B12	Illumination	B24	NC

TECHNICAL DATA

System

- 1-DIN Classic Infotainment System
- Processor: SiRF Prima II 1 GHz
- Operating system: Microsoft Windows CE 6.0
- 512 MB RAM
- 256 MB ROM
- 8 GB iNAND
- Digital touchscreen display: TFT LCD/8.89 cm (3.5“)
- Resolution: 800 x 480
- Light sensor for display brightness control
- 1 x microSDHC card slot
- 1 x USB 2.0 socket
- GPS connection
- iPod/iPhone connection
- Aux-in
- Amplifier: 4 x 45 W
- Volume/balance/fader/treble/ mid-range/bass
- Mute
- MP3 music playback (with ID3 tags)
- Auto antenna control (for Jaguar devices only)

Tuner/digital radio

- FM/AM dual tuner
- Frequency range, Europe, FM: 87.5-108 MHz
- Frequency range, Europe, AM: 522-1620 MHz
- FM/AM dual tuner
- Frequency range, USA, FM: 87.9-107.9 MHz
- Frequency range, USA, AM: 530-1710 MHz
- DAB+ dual tuner (Europe only)
- DAB frequency range (Europe only): VHF band III 174.928-239.200 MHz
- RDS and RDS text (Europe)
- RBDS and RBDS text (USA)
- Storage: 30 stations (FM/AM)
- Storage: 10 stations (DAB+) (Europe only)
- Auto station list
- Manual station search
- Manual store

Bluetooth®

- Bluetooth® handsfree set (Parrot FC600TN)
- Frequency range: 2402-2480 MHz
- Max. transmit power: 2,5 mW
- 15 x 1250 contacts
- Phonebook and call history transfer
- A2DP feature (with ID3 tags)
- Internal microphone
- External microphone

Navigation software

- Classic- Navigation Software
- Map data: Europe (TomTom)
- Map data: USA/CAN (TomTom)
- GPS receiver: CSR G3000
- TMC module (Europe only)

Dimensions/weight

- 188 x 58 x 191 mm (WxHxD)
- 1.3 kg

Subject to technical change.

Items supplied

- Classic Infotainment System
- GPS antenna
- Antenna signal splitter (Europe only)
- Microphone for hands-free system
- Installation mounting and accessories
- Manual

We reserve the right to make changes to the items supplied.

Note: *The DAB+ function is only available in Europe.*

Note: *The SD card function is only available for Land Rover devices.*

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DECLARATION OF CONFORMITY

Hereby, Krämer Automotive Sytems GmbH declares that the radio is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

www.kraemer-automotive.com/red

FCC Statement

1. 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 undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may causeundesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage,
et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Made for iPod/iphone

This unit supports only thefollowing iPod/iPhone models:

- iPhone 5
- iPhone 4S
- iPhone 4
- iPod classic
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. iPhone and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.

JAGUAR

– CLASSIC –