



Personal Telephone Integration (PTI) / Bluetooth® Approved Phones and Software: UK, Europe, ROW

Application: Range Rover 2006MY, Range Rover Sport, Discovery 3/LR3

Land Rover Personal Telephone Integration (PTI)

The latest generation of Range Rover 2006MY and the new Discovery 3/LR3 and Range Rover Sport models offers a fully integrated mobile phone system as a factory fit option. With this system, the user can connect a Land Rover approved mobile phone handset to the vehicle and access many of the important functions via the vehicle keypads, voice activation and steering wheel switches

Ways to Connect

The Land Rover PTI allows two different methods of connection;

First, there is the cradle option. This allows the mobile phone handset to be physically connected to the vehicle. This method offers much greater functionality such as; Phonebook access, Dialed and Missed Call lists and SMS. The cradle also provides power and connection to the external aerial.

The Land Rover PTI is also **Bluetooth** enabled. This allows the user the freedom to leave their mobile phone handset in a briefcase, or a pocket and still be able to make and receive calls.

Please consult the Range Rover owners' handbook for more details on the functionality available with the two different connection methods.

Which Handsets and Software Versions?

Whilst there are many mobile phone handsets available, Land Rover engineers have tested and recommended the following handsets to meet our very high quality standards. Please note that not all **Bluetooth** enabled mobile phone handsets are compatible with the Land Rover PTI. This is due to the wide range of uses for **Bluetooth** in the latest high technology. This list will be updated as more handsets are tested and as new handsets are released.

Additional Phones Validated & Approved for UK/Europe as of 23rd August 2006

Cradle Phones

Approved Phone	Connection Method	Approved Software	Comments
Nokia 3100	Docked - Cradle 3 Part No. XVE 500020	Software version - 4.01	
Nokia 6100	Docked - Cradle 3 Part No. XVE 500020	Software version – 4.7	
Nokia 6220	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.12	
Nokia 6230	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.35	Phone may req manual B/T connection, if phone fitted and removed from cradle
Nokia 6230	Docked - Cradle 3 Part No. XVE 500020	Software version – 3.17	<i>No phone-book issue. Phone book is inoperative when only 1 entry is on the SIM card. (Phone issue not vehicle issue</i>
Nokia 6230i	Docked - Cradle 3 Part No. XVE 500020	Software version – 3.5	<i>No phone-book issue. Phone book is inoperative when only 1</i>

			<i>entry is on the SIM card. (Phone issue not vehicle issue)</i>
Nokia 6230i	Docked - Cradle 3 Part No. XVE 500020	Software version – 3.62	<i>No phone-book issue. Phone book is inoperative when only 1 entry is on the SIM card. (Phone issue not vehicle issue)</i>
Nokia 6230i	Docked - Cradle 3 Part No. XVE 500020	Software version – 3.70	<i>No phone-book issue. Phone book is inoperative when only 1 entry is on the SIM card. (Phone issue not vehicle issue)</i>
Nokia 6820	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.28	
Nokia 6820	Docked - Cradle 3 Part No. XVE 500020	Software version – 4.22	
Siemens S45	Docked - Cradle 4 Part No. XVE 500050	Software version – 21	Do not make or receive calls while P/Book is downloading (approx 1min) Missed calls not displayed

Bluetooth Phones

Approved Phone	Connection Method	Approved Software	Comments
Ipaq	Bluetooth	n/a	
LG 2400	Bluetooth		
Motorola A835	Bluetooth	Software version – SE6917AXXW8019	
Motorola E1070	Bluetooth	Software version – 85.9B.50R	
Motorola ROKR	Bluetooth	Software version – R373 G OE.30.16R	
Motorola SLVR	Bluetooth	Software version – R4513 G 08.B7.DDR RB	
Motorola V3	Bluetooth	Software version – 40.3CR	
Motorola V360	Bluetooth	Software version – 08.B7.AFR	
Motorola V3x	Bluetooth	Software version – 85.83.84P	
Motorola V3x	Bluetooth	Software version – 86.88.10R	
Motorola V500	Bluetooth	Software version – Triplets G 0B 09.38R	
Motorola V525	Bluetooth	Software version – SE7406AXXB50BA	
Motorola V550	Bluetooth	Software version – R376 G 0E.65.23R	
Motorola V600	Bluetooth	Software version – Triplets G 0B 09.38R U	
Motorola V600	Bluetooth	Software version – Triplets G 0B 08.9FR	

Motorola V620	Bluetooth	Software version – R376 G 0E.66.0BR	
Nokia 3650	Bluetooth	Software version – 3.16	
Nokia 3660	Bluetooth	Software version – 4.57	
Nokia 6021	Bluetooth	Software version – 3.83	
Nokia 6131	Bluetooth	Software version – 3.5	
Nokia 6230	Bluetooth	Software version – 5.35	
Nokia 6230	Bluetooth	Software version – 3.17	
Nokia 6233	Bluetooth	Software version – 3.7	
Nokia 6230i	Bluetooth	Software version – 3.5	
Nokia 6230i	Bluetooth	Software version – 3.62	
Nokia 6230i	Bluetooth	Software version – 3.70	
Nokia 6310i	Bluetooth	Software version – 5.51	To avoid Bluetooth connection issues, please go to the portable phone Bluetooth 'paired devices' menu and change the name from the default 'Land Rover' to a different name (e.g. car registration).
Nokia 6600	Bluetooth	Software version – 5.45	
Nokia 6670	Bluetooth	Software version – 6.0522.0	Passkey reqd with autoconnect each time ignition is turned on
Nokia 6680	Bluetooth	Software version – 4.04.07	
Nokia 6681	Bluetooth	Software version – V5.37.01	
Nokia 6820	Bluetooth	Software version – 5.28	
Nokia 6820	Bluetooth	Software version – 4.22	
Nokia 6822	Bluetooth	Software version – 4.52	
Nokia 7600	Bluetooth	Software version – 3.05	
Nokia 7610	Bluetooth	Software version – V6.0522.0	Passkey reqd with autoconnect each time ignition is turned on
Nokia 7710	Bluetooth	Software version – 4.01.0	
Nokia 8800	Bluetooth	Software Version – V03.60	
Nokia 8910i	Bluetooth	Software version – 3.01	
Nokia 9300	Bluetooth	Software version – 5.22(01)	
Nokia 9500	Bluetooth	Software version – 5.22(01)	
Siemens S55	Bluetooth	Software version – 20	
Siemens S65	Bluetooth	Software version – 16	
Sony Ericsson M600	Bluetooth	Software version – R4CE012	
Sony Ericsson T630	Bluetooth	Software version – R6C005	
Sony Ericsson W810i	Bluetooth	n/a	

Notes (Updated)

ECHO: If a third party calling the vehicle is experiencing echo feedback of their own voice during the conversation, it is advisable for the driver to reduce the in-vehicle phone volume level using the audio volume control.

1. Phonebook Download: Please do not make or receive calls whilst the phonebook is downloading (approximately one minute after insertion into cradle). Range Rover customers receive confirmation that phonebook download is complete when the phonebook button on the vehicle display becomes available.
2. Missed Calls: Missed Calls will not be displayed on the vehicle display while the phone is in the cradle.
3. Phone On / Off Disable: Phone cannot be switched on or off by the vehicle keypad.
4. Multiparty call not available with non-Nokia cradle handsets
5. Attaching Whilst Off: Ensure that the phone is switched on before it is attached to the cradle.
6. Bluetooth and cradle: phone may require manual Bluetooth connection after attachment and removal from the cradle (if used).

Identifying the Phone Software Version (SW)

In addition to the handset model, it is **crucial** that the phone software level matches the version detailed in the list. More recent levels of software should offer full functionality but this cannot be guaranteed because they haven't as yet been tested by Engineering. The method of identifying the phone software version together with recommendation of how the customer can update to the required level are detailed below.

NOKIA HANDSETS - GSM

To find the SW version on a **Nokia** handset: At the main screen, use the keypad to enter ***#0000#**. The version (V) will be displayed.

SONY ERICSSON

To find the SW version on a **Sony Ericsson** handset: At the main screen use the joystick and keypad enter **> * < < * < *** (where **<** or **>** refers to the direction of movement of the joystick) then select **Service info** then **SW information**.

SIEMENS

To find the SW version on a **Siemens** handset: At the main screen, press ***#06#** then **Info**.

MOTOROLA

To find the SW version on a **Motorola** handset: On the main screen, use the keypad to navigate to **menu/settings/phone status/other info/SW Version/Flex Version**. Alternatively, please try ***#9999#**.

Updating the Phone Software

There are a number of alternatives for updating software in approved handsets which have older software versions. It is recommended for the customer to visit their handset retailer or contact their service provider. Alternatively a list of service centres and support information can be found at the manufacturer's websites listed below:

<http://www.nokia.com/>

<http://www.sonyericsson.com/>

<http://www.my-siemens.com/>

<http://www.motorola.com/>

Bluetooth Connection 'Pairing' Procedures for Approved Handsets

Nokia 3620

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Connect**. Then, press the Scroll key centre.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: Press the Scroll key right to enter the **Paired devices** list.

Step 5: Press the left Selection key labelled **Options**.

Step 6: With **New paired device** highlighted, press the Scroll key centre. The phone starts to search for devices within.

Step 7: Scroll to highlight **Land Rover** then press the key labelled **Select**. *Waiting for Land Rover* appears followed by the Passcode prompt.

Step 8: Enter the passcode then press the left Selection key labelled **OK**. The device is added to the **Paired devices** list.

Step 9: Highlight Land Rover in the paired devices list and use the **Select** key to open the options menu. Highlight **Connect** and press **Select**. Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 3650 / 3660

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Connect**. Then, press the Scroll key centre.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: Press the Scroll key right to enter the **Paired devices** list.

Step 5: Press the left Selection key labelled **Options**.

Step 6: With **New paired device** highlighted, press the Scroll key centre. The phone starts to search for devices within.

Step 7: Scroll to highlight **Land Rover** then press the key labelled **Select**. *Waiting for Land Rover* appears followed by the Passcode prompt.

Step 8: Enter the passcode then press the left Selection key labelled **OK**. The device is added to the **Paired devices** list.

Step 9: Highlight Land Rover in the paired devices list and use the **Select** key to open the options menu. Highlight **Connect** and press **Select**. Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 6230/ 6230i/ 6021/ 8800

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Settings**, then **Connectivity** and press **Select**.

Step 3: With **Bluetooth** highlighted, press **Select**.

Step 4: With **Bluetooth** highlighted, press **Select**. Highlight **On** and press **Select**.

Step 5: Use the Scroll key to highlight **Search for audio devices** and press **Select**. The phone starts to search for devices within.

Step 6: With **Land Rover** highlighted, press the Scroll key centre.

Step 7: Enter the passcode then press the left Selection key labelled **OK**.

The Nokia 6230 should now connect automatically. If it doesn't, **Select Paired devices** from the **Bluetooth** menu, highlight **Land Rover** and press **Select** to connect.

Step 8: Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 6310i

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll keys to highlight **Bluetooth**. Then, press the **Select** key.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: With **Bluetooth** highlighted, press **Select**. Highlight **On** and press **Select**.

Step 5: Use the Scroll key to highlight **Search for audio devices** and press **Select**. The phone starts to search for devices within 10m.

Step 7: Scroll to highlight **Land Rover** then press the key labelled **Select**.

Waiting for Land Rover appears followed by the Passcode prompt.

Step 8: Enter the passcode then press the left Selection key labelled **OK**. The device is added to the **Paired devices** list.

Step 9: Highlight Land Rover in the paired devices list and use the **Select** key to open the options menu.

Highlight **Establish Bluetooth connection** and press **Select**. Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 6600/ 6670/ 6680/ 6681/ 7610

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Connectivity**. Then, press the Scroll key centre.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: Press the Scroll key right to enter the **Paired devices** list.

Step 5: Press the left Selection key labelled **Options**.

Step 6: With **New paired device** highlighted, press the Scroll key centre. The phone starts to search for devices.

Step 7: Scroll to highlight **Land Rover** then press the key labelled **Select**. *Waiting for Land Rover* appears followed by the Passcode prompt.

Step 8: Enter the passcode then press the left Selection key labelled **OK**. The device is added to the **Paired devices** list.

Step 9: Highlight Land Rover in the paired devices list and use the **Select** key to open the options menu.

Highlight **Connect** and press **Select**. Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 7710/ 9300/ 9500

Pairing with a Device

Step 1: Select **Control Panel**.

Step 2: Select **Bluetooth**.

Step 3: Select **Paired devices** then **Search**.

Step 4: Select **Land Rover** then press the key labelled **Pair**.

Step 5: Enter the passcode then press the left Selection key labelled **OK**.

The Nokia phone should now connect automatically. If it doesn't, **Select Paired devices** from the **Bluetooth** menu, highlight **Land Rover** and press **Select** to connect.

Nokia 6820/ 6822

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Settings**, then **Connectivity** and press **Select**.

Step 3: With **Bluetooth** highlighted, press **Select**.

Step 4: With **Bluetooth** highlighted, press **Select**. Highlight **On** and press **Select**.

Step 5: Use the Scroll key to highlight **Search for audio devices** and press **Select**. The phone starts to search for devices within.

Step 6: With **Land Rover** highlighted, press the Scroll key centre.

Step 7: Enter the passcode then press the left Selection key labelled **OK**.

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The Nokia 6820 should now connect automatically. If it doesn't, **Select Paired devices** from the **Bluetooth** menu, highlight **Land Rover** and press **Select** to connect.

Step 8: Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 7600

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Connectivity**. Then, press the Scroll key centre.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: Use the Scroll key to highlight **Search for audio devices** and press **Select**. The phone starts to search for devices within 10m.

Step 5: Scroll to highlight **Land Rover** then press the key labelled **Select**. *Waiting for Land Rover* appears followed by the Passcode prompt.

Step 6: With **Land Rover** highlighted, press the Scroll key centre.

Step 7: Enter the passcode then press the left Selection key labelled **OK**.

The Nokia 7600 should now connect automatically. If it doesn't, **Select Paired devices** from the **Bluetooth** menu, highlight **Land Rover** and press **Select** to connect.

Step 8: Once connected, **Bluetooth** will be displayed on the touch screen.

Nokia 8910i

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Connectivity**. Then, press the Scroll key centre.

Step 3: With **Bluetooth** highlighted, press the Scroll key centre.

Step 4: Use the Scroll key to highlight **Search for audio devices** and press **Select**. The phone starts to search for devices within 10m.

Step 5: Scroll to highlight **Land Rover** then press **Select**. *Waiting for Land Rover* appears followed by the Passcode prompt.

Step 6: With **Land Rover** highlighted, press the Scroll key centre.

Step 7: Enter the passcode then press the left Selection key labelled **OK**.

The Nokia 8910i should now connect automatically. If it doesn't, **Select Paired devices** from the **Bluetooth** menu, highlight **Land Rover** and press **Select** to connect.

Step 8: **Bluetooth** will now be displayed on the touch screen.

Siemens S55

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Setup**. Then, press **Select**.

Step 3: Highlight **Connectivity** and press **Select**.

Step 4: Highlight **Bluetooth** and check for a tick in the box. If there isn't a tick, press **Change** then press **Options**.

Step 5: Use the Scroll key to highlight **Search for ...** and press **Access**. The phone starts to search for devices within 10m.

Step 6: Scroll to highlight **Land Rover** then press the key labelled **Select**.

Step 7: **Connecting...** appears followed by the Passcode prompt.

Step 8: Enter the passcode then press **OK**.

Step 9: Once connected, **Bluetooth** will now be displayed on the touch screen.

Siemens S65

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll key to highlight **Setup**. Then, press **Select**.

Step 3: Highlight **Connectivity** and press **Select**.

Step 4: Highlight **Bluetooth** and check for a tick in the box. If there isn't a tick, press **Select** key to activate tick box.

Step 5: Select **Search** and choose **All**. The phone starts to search for devices within 10m.

Step 6: Scroll to highlight **Land Rover** then press the key labelled **Select**.

Step 7: **Connecting...** appears followed by the Passcode prompt.

Step 8: Enter the passcode then press **OK**.

Step 9: Once connected, **Bluetooth** will now be displayed on the touch screen.

Sony Ericsson T610 / T630

Pairing with a Device

Step 1: Press the **Menu** key.

Step 2: Use the Scroll to highlight **Connectivity**. Then, press **Select**.

Step 3: Highlight **Bluetooth** and press **Select**.

Step 4: If Bluetooth is not turned on, highlight **Turn On** and press **Select**.

Step 5: Highlight **My Devices** and press **Select**. The phone starts to search for devices within 10m.

Step 6: Scroll to highlight **Land Rover** then press **Select**.

Step 7: Enter the passcode then press **OK**.

Step 8: Once connected, **Bluetooth** will now be displayed on the touch screen

Motorola A835

Pairing with a Device

Step 1: Press the **Fast Menu** key.

Step 2: Use the Scroll key to highlight **Connection**. Then, press **Select**.

Step 3: Highlight **Connectivity** and press **Select**.

Step 4: Highlight the **Bluetooth Logo** and press **Select**, then scroll to **Handsfree** and press **Select**.

Step 5: Use the Scroll key to highlight **Look For Devices** and press **Select**. The phone starts to search for devices within 10m.

Step 6: Scroll to highlight **Land Rover** then press the key labeled **Select**.

Step 7: At the message **Bond With Land Rover** press **Yes**.

Step 8: Enter the passcode then press **Link**.

Step 9: Once connected, **Bluetooth** will now be displayed on the touch screen

Motorola V525 / V500/ V550 / V620 / V600 / V3 / V3x / ROKR / SLVR

Pairing with a Device

Step 1: Press the Menu key.

Step 2: Use the Scroll key to highlight **Settings**. Then, press **Select**.

Step 3: Highlight **Connection** and press **Select**.

Step 4: Highlight **Bluetooth Link** and press **Select**, then highlight **Handsfree** and press **Select**.

Step 5: Use the Scroll key to highlight **Look For Devices** and press **Select**. The phone starts to search for devices within 10m.

Step 6: Scroll to highlight **Land Rover** then press the key labeled **Select**.

Step 7: Enter the passcode then press **OK**.

Step 8: Once connected, **Bluetooth** will now be displayed on the touch screen
