

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



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

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### 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 as of July 2005

Approved Phone	Connection Method	Approved Software	Comments
Nokia 3660	Bluetooth	Software version - 4.57	
Nokia 6820	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.28	
Nokia 6820	Bluetooth	Software version – 5.28	
Nokia 6230	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.35	See Notes below: <i>3. Phone On / Off</i> <i>5. Attaching Whilst Off</i>
Nokia 6230	Bluetooth	Software version – 5.35	See Notes below: <i>6. Bluetooth and cradle</i>
Motorola V3	Bluetooth	Software version – 40.3CR	
Motorola V500	Bluetooth	Software version – Triplets G_0B_09.38R	
Motorola V550	Bluetooth	Software version – R376_G_OE.65.23R	
Motorola V620	Bluetooth	Software version – R376_G_0E.66.0BR	

<b>Approved Phone</b>	<b>Connection Method</b>	<b>Approved Software</b>	<b>Comments</b>
Nokia 3100	Docked - Cradle 3 Part No. XVE 500020	Software version – 4.01	
Nokia 6100	Docked - Cradle 3 Part No. XVE 500020	Software version – 4.70	
Nokia 6220	Docked - Cradle 3 Part No. XVE 500020	Software version – 5.12	
Nokia 6230	Docked - Cradle 3 Part No. XVE 500020	Software version – 3.17	
Nokia 6820	Docked - Cradle 3 Part No. XVE 500020	Software version – 4.22	Please ensure phone is switched on before insertion into cradle and do not switch off during journey.
Nokia 3650	Bluetooth	Software version – 3.16	
Nokia 6310i	Bluetooth	Software version – 5.51	Please re-name 'Land Rover' in your phone menu to the vehicle ID number or similar
Nokia 6600	Bluetooth	Software version – 5.45	
Nokia 6820	Bluetooth	Software version – 4.22	
Nokia 6230	Bluetooth	Software version – 3.17	
Nokia 7600	Bluetooth	Software version – 3.05	
Nokia 8910i	Bluetooth	Software version – 3.01	
Motorola A835	Bluetooth	Software version – SE6917AXXW8019	
Motorola V525	Bluetooth	Software version – SE7406AXXB5OBA	
Motorola V600	Bluetooth	Software version – G0B.08.9FR	
Siemens S45	Docked – Cradle 4 Part No. XVE 500050	Software Version – 21	See Notes below: 1. <i>Phonebook</i> 2. <i>Missed Calls</i>
Sony-Ericsson T610	Docked–Cradle CR-9 Part No. XVE 500040	Software version - R3C002	See Notes below: 1. <i>Phonebook</i> 3. <i>Phone On / Off</i>

## **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.

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### 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.

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### Nokia 6230

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.

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### 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**.

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**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.

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### **Nokia 6600**

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.

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### **Nokia 6820**

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 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.

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## 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.

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## 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.

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## 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.

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## 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

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## 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

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## Motorola V525 / V500/ V550 / V620 / V600 / V3

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

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