

Remote Box

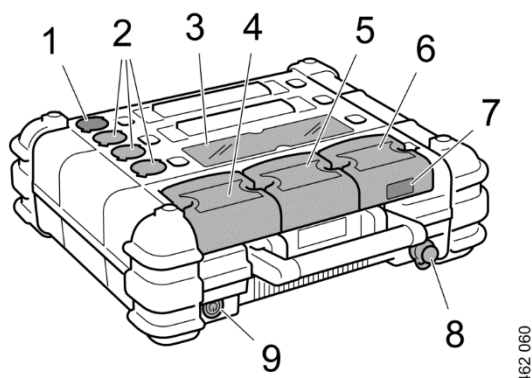
User manual



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Remote Box

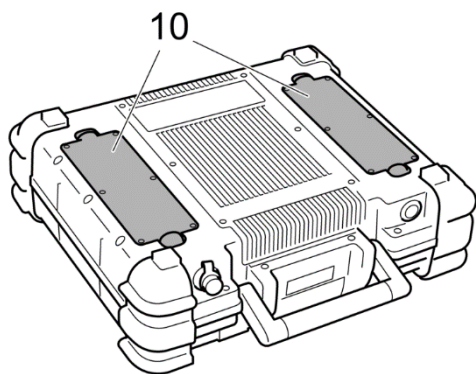


1. Ethernet connection
2. USB ports
3. MMI display
4. Vacant module
5. Wi-Fi module
6. Telecom module
7. SIM card
8. Electrical connection
9. Start and shutdown button

Remote Box is a special tool and is part of Scania's range of lease tools. Remote Box is primarily intended for work in Scania Workshop Suite (SWS) that is being performed outside the workshop. It can also be used in tests using SWS during test driving with maintained connection to Scania's cloud service.

Remote Box comprises a specially designed built-in computer without a normal monitor. Instead, it has a built-in display with touch function for setting various

functions. The tool has built-in telecommunications and Wi-Fi communication. It also has USB ports and a network connection (Ethernet).



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10. Batteries

Functions

Battery

Remote Box is delivered with 2 batteries. Operating time in battery mode is approximately 4 hours. Connect the power unit during battery charging. Normal charging time is approximately 3 hours.

A symbol of 2 batteries in the display shows battery status. Tap on the battery symbol to see the charge level as a percentage. If Remote Box only has one battery, only one battery symbol is displayed. If the batteries are not making contact or are simply not present, the symbol will disappear and a fault code will be displayed instead. If necessary, Remote Box can be used without a battery, with only the power unit connected.

The batteries are lithium-ion batteries. Therefore, use of Remote Box in battery mode is limited at low temperatures. Remote Box has a safety feature with a warning when the temperature is too low. If the temperature drops too low, it is possible to use a 12/24 V adapter cable or a 240 V power unit. The batteries cannot be charged when the temperature is too low.

Connector

The device is fitted with a 4-pole power plug for external electric power supply and charging. The power plug can only be inserted in one position. Insert the power plug and screw the ring in a right-hand direction until it locks.



Starting and shutting down Remote Box

Switch on the power by pressing the start and shutdown button for approx. 5 seconds. When Remote Box is ready for use, the display text will read *Welcome Scania* and other symbols will appear on the display.

To shut down Remote Box, press the start and shutdown button for approx. 5 seconds. During shutdown, the display text will read *Shut down*.

Forced shutdown may be of use in the event of a fault where the unit freezes. Press the start and shutdown button for at least 20 seconds. The display shows shutdown or switch-off depending on the situation. Once Remote Box has shut down, restart it as normal.

SIM card

You must have a nano SIM card without a PIN code.

- Insert the SIM card under the rubber cover.
- The contact surface must face the main unit, and the cut-out must be on the left-hand side.
- Ensure that you close the cover properly afterwards.

Insert the SIM card when Remote Box is switched off. The telecom module for the APN settings of the SIM card is configured automatically at start. If Remote Box is switched on when the SIM card is inserted, restart the unit.

USB ports

There are 3 USB 3.0 ports. It is possible to connect VCI2 or VCI3 and a USB key for SWS, SDP3 as well as other applications.

Ethernet port

The Ethernet port can be used for major software updates. Using an Ethernet connection may require the firewall to be configured with Remote Box as an approved device.

Connect Remote Box

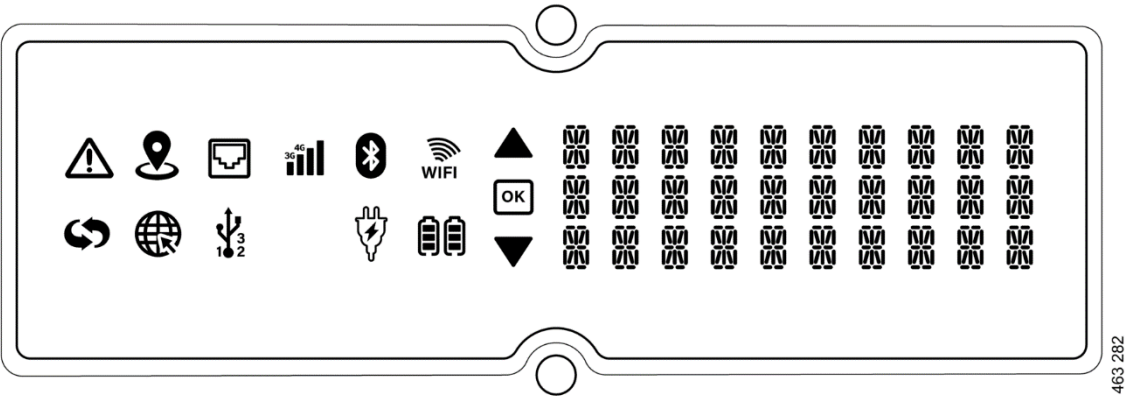
Connection to the internet and to the workshop's SWS takes place automatically via the SIM card. Remote Box comes with both telecom and Wi-Fi modules as standard. This makes it possible to connect to the SWS cloud service, even if a service technician is working out in the field.

Remote support

Any user in need of support while out of the workshop should start Remote Box as normal.

MMI display

Remote Box has a display with touch function. By tapping on the various symbols, you can view information on the functions and change some settings. Information can be read by using the up and down arrows. Exit using OK.



Symbols



463 400

Warning symbol. This symbol is displayed when something is wrong, often in connection with a fault code.



463 399

GPS. This function is prepared for future use.



463 398

Connection via Ethernet cable. Displayed when the connection is used. Show the IP address by tapping on the symbol.



463 397

Show signal strength. Show the unit's IMEI number by tapping on the symbol.



463 396

Bluetooth. This function is prepared for future use.



463 395

Wi-Fi. Select between connecting to a network (WPS) or connecting via a hotspot. See the instructions below for the different connections.



463 394

The green arrows symbol is displayed when updates are available. Use the menu to select whether to start the update or wait.



463 393

Internet connection. This symbol shows that Remote Box has the right connection and all services to the internet.



463 391

Electrical connection.



463 392

Shows which USB port is being used.



463 390

Battery status. Tap the symbol to display the battery charge level.



463 389

Menu buttons.

Connect Remote Box to a wireless network with WPS

Important!

WPS (Wi-Fi Protected Setup) is the supported function for connecting Remote Box to a wireless network.

Connect Remote Box to a wireless network with WPS

1. Start Remote Box.
When Remote Box is ready *Welcome Scania* is displayed.
2. Press the Wi-Fi icon until the menu for selecting WPS is displayed.



3. Press the up arrow to select WPS.



5. Press the WPS button on the router for wireless networks to which you would like to connect Remote Box.



6. The Remote Box display shows the network to which you would like to connect. Press OK.



7. When the connection is ready, the display shows this information. Press OK.



Disconnecting the connection to a wireless network on Remote Box

1. Press the Wi-Fi icon until the menu for selecting WPS is displayed.



2. Press the up arrow to select WPS.



3. Press the down arrow to activate change of wireless network.



4. Press OK to disconnect Wi-Fi.



5. The display confirms that Wi-Fi has been disconnected.

6. Press OK and the homepage will be displayed again.



To connect to another wireless network, see Connecting Remote Box to a wireless network with WPS, and follow the steps.

Wireless network hotspot on Remote Box

Important!

- Remote Box closes the hotspot if no device has been connected within 5 min.
- Close and restart Remote Box to activate the hotspot again.
- Devices may include tablets, smartphones and laptop computers.

Using the Remote Box hotspot to communicate with SWS

1. Start Remote Box.
2. Press the Wi-Fi icon when *Welcome Scania* appears on the display.



3. The display shows that Wi-Fi has been disconnected.

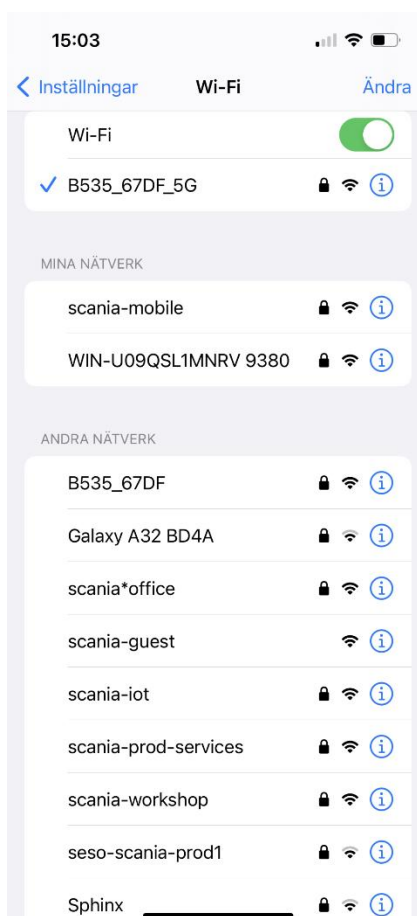


4. Press the down arrow to see the name of the wireless network.
The numerals 0/8 means 0 connected of max. 8 devices.



Configuring a tablet or a smartphone for Remote Box

1. Check that Wi-Fi is on under your tablet, computer or smartphone settings.



←
Network name

2. Check the password in Remote Box by pressing the down arrow.
In this example the password is e515824.



3. Enter the password on your tablet, computer or smartphone.



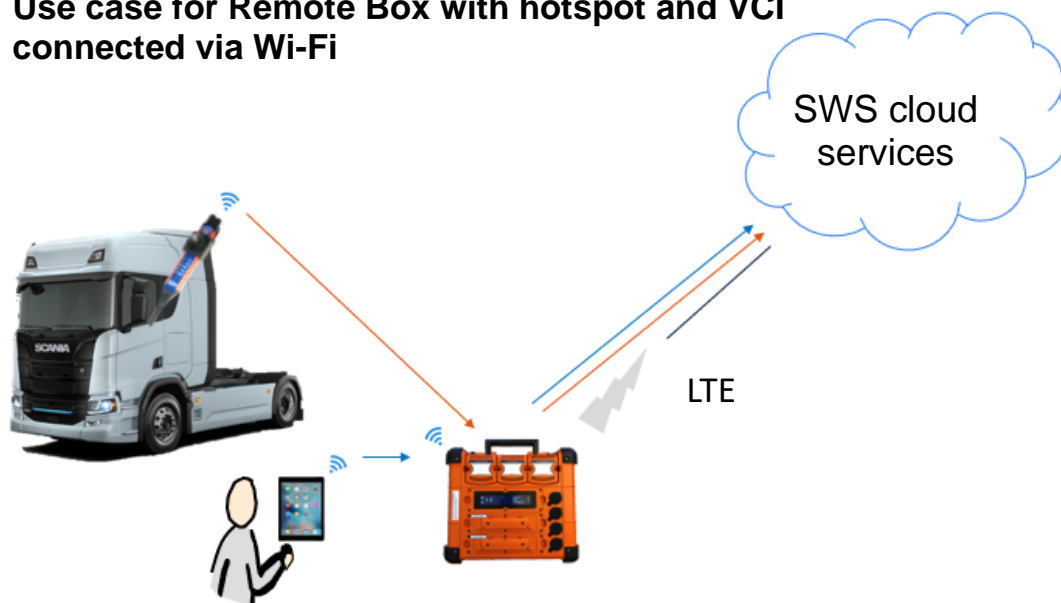
4. The display shows 1/8 when your device is connected to Remote Box.



Connect VCI3 to Remote Box with hotspot

VCI3 can be connected from the vehicle to Remote Box using a USB cable or Wi-Fi. If you select Wi-Fi connection, VCI3 must be configured with the same password as the device you connect to Remote Box. Use the SWS VCI3 configuration in SDP3.

Use case for Remote Box with hotspot and VCI connected via Wi-Fi



Use case for Remote Box with hotspot and VCI via cable

