

01 INFOTAINMENT

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INFOTAINMENT

OVERVIEW

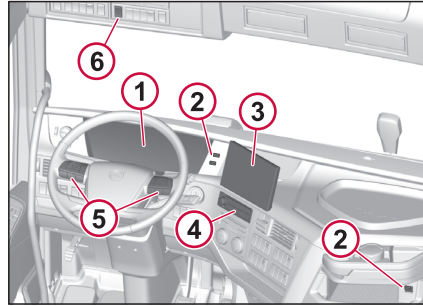
Overview of the infotainment system

The infotainment system includes for example the truck's audio system and Bluetooth® connectivity.

In the side display you can see all the available menus and functions of the infotainment system. Some information is also shown in the instrument display.

You can control the infotainment system with the steering wheel keypads, the control panel or the touchscreen on the side display.

There are three USB ports in the instrument panel, for you to connect and charge your devices.



- 1 *Instrument display*
- 2 *USB ports*
- 3 *Side display*
- 4 *Control panel*
- 5 *Steering wheel keypads*
- 6 *Microphone*

⚠ WARNING

Do not use the infotainment system in such a way that it interferes with safe and attentive operation of the truck. When driving, keep your attention to the road. Infotainment tasks that require your attention should be done when the truck is stationary. Examples of such tasks are managing connected devices or planning a route in the navigation system.

Controlling the infotainment system

In the side display you can see all the available menus and functions of the infotainment system. Some information is also shown in the instrument display.

You can use the following controls to control the functions in the infotainment system:

- The touchscreen on the side display
- The control panel
- The steering wheel keypads

Some functions can be controlled only by the touchscreen.

Usually, there are several ways to start or control a function. Communication, for example, can be started in the following ways:

- Press the Communication key on the control panel.
- Select Communication in the secondary display.
- Press the Accept key on the steering wheel keypad.

All ways of controlling a function are not described in this handbook.

Side display

At start-up, the home screen is shown in the side display.

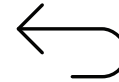
Use the icons in the bottom bar of the display to access the apps and functions in your truck.



- 1 Status bar
- 2 Clock
- 3 Notifications
- 4 Bottom bar
- 5 MEDIA
- 6 COMMUNICATION
- 7 VEHICLE
- 8 MY APPS
- 9 SETTINGS
- 10 Back
- 11 Home
- 12 Collapsed menu

General controls in the side display

Some controls in the side display are common for several apps.



The Back icon.

Select Back when you want to return to the previously viewed screen.

If there is no save option on the screen, any changes that have been done are automatically saved when you select Back. If there is a save option, and if you do not select Save before you select Back, any changes are disregarded.



The Home icon.

To return to the home screen, select Home.

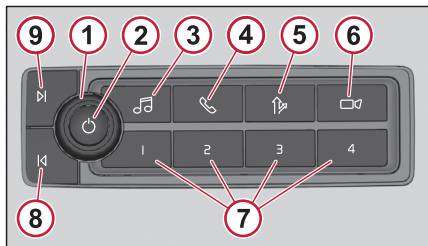


The Collapsed Menu icon.

When you are using an app, select Collapsed Menu to open or close the menu of the app.

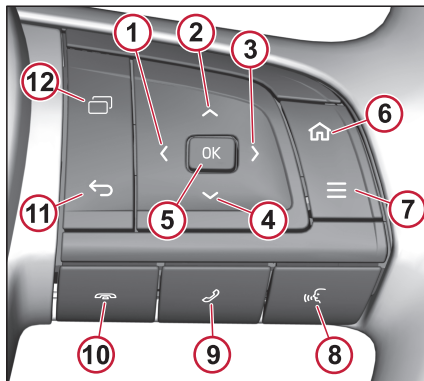
OVERVIEW

Control panel

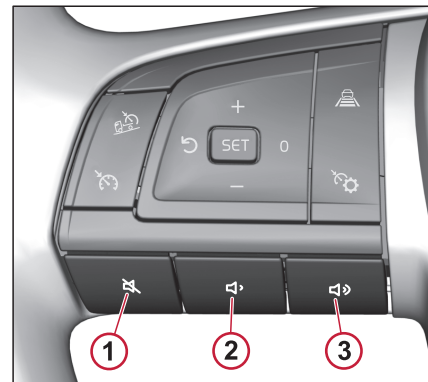


- 1 **Volume.**
- 2 **On/off.** When in function mode Living, press On/off to start the infotainment system and long-press to turn it off. When listening to radio or media files, press On/off to mute or unmute.
- 3 **MEDIA.**
- 4 **COMMUNICATION.**
- 5 **NAVIGATION.**
- 6 **VISION CAMERA.**
- 7 **Preset.** Preset stations 1 to 4.
- 8 **Previous.**
- 9 **Next.**

Steering wheel keypads



- 1 **Left.** Navigate left in the display.
- 2 **Up.** Navigate up in the display.
- 3 **Right.** Navigate right in the display.
- 4 **Down.** Navigate down in the display.
- 5 **OK.** Select a highlighted item.
- 6 **Home.** Return to the display's home screen.
- 7 **Menu.** Open the main menu.
- 8 **Push to talk.** Activate voice control.
- 9 **Accept.** Open the app PHONE or answer an incoming call.
- 10 **End/reject.** End a call or reject an incoming call.
- 11 **Back.** Return to the previously viewed screen.
- 12 **Switch focus.** Switch between controlling the side display and controlling the instrument display. The Switch focus icon is briefly shown in the selected display.



- 1 **Mute.**
- 2 **Reduce volume.**
- 3 **Increase volume.**

A short introduction to MEDIA



The MEDIA icon.

In MEDIA, you can for example listen to radio or to music from a connected device. Devices can be connected to the infotainment system through Bluetooth® or USB.

Opening MEDIA

To open MEDIA, select MEDIA in the bottom bar.

Adjusting the volume

Use the volume control keys on the left steering wheel keypad to adjust the volume. You can also turn the knob on the control panel clockwise or counterclockwise.

If you want to mute the speakers, press the Mute key on the steering wheel keypad.

To unmute, press the Mute key on the steering wheel keypad again or raise the volume.

Selecting a source

When you open MEDIA, the last selected source will show in the display. If you want to change source, if the source that you selected last is not available or if you previously have not selected a source, open the MEDIA menu.

To open the MEDIA menu, press the Menu key on the right steering wheel keypad.

Select the source you want from the list. When you make a selection, the MEDIA menu closes and the selected source is shown in the display.

If you want to listen from a Bluetooth® device, select Bluetooth. The menu expands and all paired devices that are within reach are shown in the list. Select one of the paired devices to set it as source.

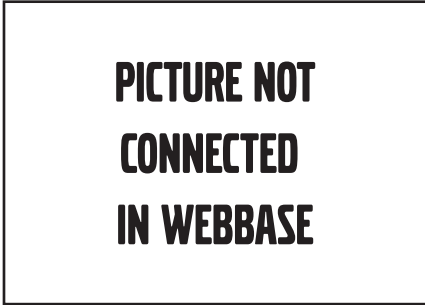
Only one device can be used as source at a time. The device that is used is on the top in the list and is marked with "Active".

If you do not have any paired devices or if you want to select a Bluetooth® device that is not in the list, select Add/Remove Device, see Bluetooth settings page 17. After the device has been added, return to the MEDIA menu and select the device.

Listening to radio

When you select radio as source, the last selected radio station will start playing.

Overview of the radio player



- 1 Station logotype (if available) or bandwidth
- 2 Station name (if available) or frequency
- 3 Manual Tuning
- 4 Go to the previous radio station
- 5 Stop or Play
- 6 Go to the next radio station
- 7 Favourite
- 8 Now playing (if available)

- 9 Browse. Opens the radio menu, see Browse Radio page 7.
- 10 Media menu, see Selecting a source page 5

Changing station

To skip to the next or previous radio station, press the Next or Previous key on the control panel. If you instead press and hold the key, you seek along the frequency band.

Manual tuning

If you want to manually search for a radio station, tap Manual Tuning, using the touchscreen.



The Manual Tuning icon.

The arrows on each side of the frequency band adjust the frequency. You can also tap the frequency band and drag it.

To exit the manual tuning, tap Manual Tuning again.

Stop/Play

Select Stop to mute the radio. Select Play or raise the volume to unmute.

Favourites

To save the current radio station as a favourite, tap Favourite, using the touchscreen. The icon changes to filled and the radio station is saved in the favourites.

To remove the current radio station from the favourites, tap Favourite again.



The Favourite icon.

Adding a preset radio station

You can have up to four preset radio stations.

To save the current radio station as a preset station, press and hold any of the Preset keys (1 to 4) on the control panel. A message appears in the side display when the radio station is saved and you can release the key.

Any station that is already saved to the Preset key that you press, will be overwritten.

Browse Radio

To open "Browse Radio", press the Down key on the right steering wheel keypad. In this menu you can do the following:

- Manage your Favourites.
- Search for radio stations (FM/DAB or AM).
- Adjust the Radio Settings.

To move the highlight in the bottom bar, use the Right or Left key on the right steering wheel keypad.

Favourites

In Favourites you can see and select among the radio stations that you have saved as favourites.

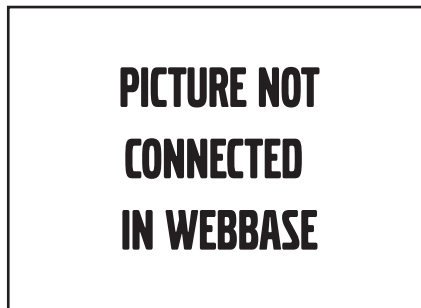
FM/DAB

In FM/DAB you can see, and search among, all available FM and DAB radio stations.

You can always search in the current view, using the text field on the top of the page. Select the text field and start typing. The list of radio stations is updated as you type.

The radio station that is currently playing is marked with the Currently Playing icon. A radio station that is saved as

a preset station is marked with a number, showing which Preset key it is saved to.



The Currently Playing icon.

When you select a radio station in the list, the station starts playing.

The available radio stations can be displayed either as a list of stations or as groups categorised by programme type. Programme type refers to the PTY code used by Radio Data System (RDS).

To change how the radio stations are displayed, tap More in the top right corner, using the touchscreen.



The More icon.

When the radio stations are displayed as programme type groups, select the arrow on a group's row to see the radio programs that are in that group.

AM

In AM you can see, and search among, all available AM radio stations.

You can always search in the current view, using the text field on the top of the page. Select the text field and start typing. The list of radio stations is updated as you type.

The radio station that is currently playing is marked with the Currently Playing icon. A radio station that is saved as a preset station is marked with a number, showing which Preset key it is saved to.

**PICTURE NOT
CONNECTED
IN WEBBASE**

The Currently Playing icon.

When you select a radio station in the list, the station starts playing.

Radio Settings

In the Radio Settings you can change the settings for the RDS functions and for AM radio.

Alternative Frequency

The frequency range for FM stations is fairly limited. For this reason, many stations broadcast on alternative frequencies in different areas. When Alternative Frequency is on, the radio automatically switches to the alternative frequencies as you drive and you can listen to such a station without

interruption. Alternative Frequency can be set to Off, Local or Regional.


Tap the arrow on the row to open Alternative Frequency, and select the setting you want.

Traffic Announcements

When Traffic Announcements is on, traffic announcements will be played even if you listen to another source than radio.

News Announcements

When News Announcements is on, news announcements will be played even if you listen to another source than radio.

 NOTE
The volume for announcements can be changed in the Audio settings menu.

Listening from a Bluetooth device

When you select Bluetooth® as source, you can listen to media from the selected device.

Overview of the media player

**PICTURE NOT
CONNECTED
IN WEBBASE**

- 1 Selected source
- 2 Now playing
- 3 Shuffle
- 4 Back
- 5 Play or Pause
- 6 Forward
- 7 Repeat
- 8 Total track play time
- 9 Progression through total track play time

10 Browse Bluetooth

11 Media menu

Only functions that are supported by the selected device are available in the media player.

Play/Pause

Press the OK key on the right steering wheel keypad to start playing. To pause, press the OK key again.

Skip or fast forward/rewind

To skip to the next or previous media file, press the Next or Previous key on the control panel. To fast forward or rewind, press and hold the key.

Shuffle

To play the media files in random order, tap Shuffle, using the touchscreen. The Shuffle icon is black when shuffle is on, and grey when it is off.

Repeat

The repeat function can be toggled between the following modes:

- Repeat off (the icon is grey and striked out)
- Repeat all (the icon is black)

- Repeat current (the digit 1 appears on the black icon)

To switch between the modes, tap Repeat, using the touchscreen.

Browsing a Bluetooth® device

You can browse for media files on the Bluetooth® device that is used as source. To do so, open Browse Bluetooth by pressing the Down key on the right steering wheel keypad. When you select a media file, it starts playing.

MEDIA

Listening from a USB device

When you select USB as source, you can listen to media files that are stored on the selected device.

Overview of the media player

**PICTURE NOT
CONNECTED
IN WEBBASE**

- 1 Selected source
- 2 Now playing
- 3 Shuffle
- 4 Back
- 5 Play or Pause
- 6 Forward
- 7 Repeat
- 8 Total track play time
- 9 Progression through total track play time
- 10 Browse USB

11 Media menu

Only functions that are supported by the selected device are available in the media player.

Shuffle

To play the media files in random order, tap Shuffle, using the touchscreen. The Shuffle icon is black when shuffle is on, and grey when it is off.

Skip or fast forward/rewind

To skip to the next or previous media file, press the Next or Previous key on the control panel. To fast forward or rewind, press and hold the key.

Play/Pause

Press the OK key on the right steering wheel keypad to start playing. To pause, press the OK key again.

Repeat

The repeat function can be toggled between the following modes:

- Repeat off (the icon is grey and striked out)
- Repeat all (the icon is black)

- Repeat current (the digit 1 appears on the black icon)

To switch between the modes, tap Repeat, using the touchscreen.

Browsing a USB device

In Browse USB, you can do the following:

- Change which connected USB device to use as source
- Search for a song on a connected device.

To open Browse USB, press the Down key on the right steering wheel keypad.

Selecting USB device

The connected USB devices are shown in the bottom bar and the device that is used as source is highlighted. Select a device to use it as source.

Searching for a song

You can find a song by browsing all songs or by browsing based on artist, album or genre.

- Select Songs to view a list of all songs.
- Select Artists and the artist's name to view a list of all songs by that artist.
- Select Albums and the album's name to view a list of all songs on that album.

- Select Genres and the desired genre to view a list of all songs in that genre.

When you select a song, it starts playing.

You can always search in the current view, using the text field on the top of the page. Select the text field and start typing. The list is updated as you type.

COMMUNICATION

A short introduction to COMMUNICATION



The *COMMUNICATION* icon.

When at least one mobile phone or other device with a SIM card is connected to the truck by Bluetooth®, you can use *COMMUNICATION* to, for example, make phone calls and send messages. Up to two Bluetooth® devices can be connected at the same time.

The infotainment system in the truck works as a handsfree for the connected devices. The audio is routed via the truck's loudspeakers and a microphone is fitted in the panel above the windscreen on the driver's side.

Opening COMMUNICATION

To open *COMMUNICATION*, press the Accept key on the right steering wheel keypad.

Connecting your mobile phone

COMMUNICATION works only when at least one device with a SIM card is connected to the truck by Bluetooth®. If you open *COMMUNICATION* with no device connected, you will be asked to connect a device.

You can also add a first or second device from the *COMMUNICATION* menu. To open the *COMMUNICATION* menu, press the Menu key on the right steering wheel keypad.

In the menu, select Search for Devices or Paired Devices. The Bluetooth® menu is opened.

When you have added a device, press the Back key on the steering wheel keypad to return to *COMMUNICATION*.

Making a phone call

A phone call can be made in different ways:

- Manually enter a phone number.
- Call a number or contact that is in your call history.
- Call someone that is stored as a contact.

! NOTE

If you have two mobile phones connected to the truck, you are prompted to select which mobile phone to use each time you make a phone call.

Manually entering a phone number

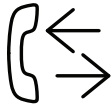
Start typing the number, using the keypad on the side display. A list of suggestions from your contacts is shown to the right of the keypad, and is updated as you type.

To make the phone call, either select one of the suggested contacts or select Call when you have finished typing the phone number.



The Call icon.

Making a call from History



The Recent calls icon.

To make a call, select a number or contact from the list.

! NOTE
If two mobile phones are connected, their call histories are merged into a single list.

Making a call from Contacts

Select Browse and Contacts.



The Contacts icon.

Finding a contact

You can search for a contact, using the text field on the top of the page. Select

the text field and start typing. The list of contacts is updated as you type.

To scroll the contact list, use the arrows or the slider to the right of the list.

The contacts can be sorted either by first name or by last name. If you want to change the sorting, tap Sorting, using the touchscreen.



The Sorting icon.

Tap the sorting that you want. The menu is closed automatically when you make a selection.

Calling a contact

If a contact has only one phone number stored, a phone call is made directly when you select the contact.

An arrow on a contacts row shows that the contact has more than one phone number stored. When you select the contact, a list with all stored information for that contact is shown. To make a phone call, select the phone number that you want to use.

! NOTE
If two mobile phones are connected, their contacts are merged into a single list.

During a phone call

During a phone call you can use the keypad for dual-tone multi-frequency signalling. Select Keypad to show or hide the keypad.



The Keypad icon.

Select Mute Microphone to mute the microphone in the truck.



The Mute Microphone icon.

When you mute the microphone, the appearance of the icon changes. Select the icon again to unmute the microphone.

Ending a phone call

To end a phone call, press the End/Reject key on the right steering wheel keypad.

Accepting or rejecting a phone call

When there is an incoming phone call, a pop-up will appear in the secondary display. You can choose to accept or reject the phone call.

To accept the incoming phone call, press the Accept key on the steering wheel keypad. To reject it, press the End/Reject key.

A short introduction to VEHICLE



The VEHICLE icon.

In VEHICLE, you find apps and functions related to your truck.

Opening VEHICLE

To open VEHICLE, select VEHICLE in the bottom bar.

Vision camera

In Vision Camera, you can see the images captured by the cameras mounted to your truck.

SETTINGS

A short introduction to SETTINGS



In SETTINGS, you find many settings related to the infotainment system (System Settings) and the truck's other systems (Vehicle Settings).

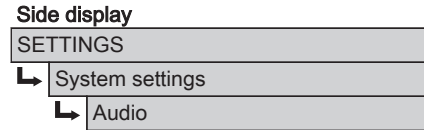
Opening SETTINGS

To open SETTINGS, select SETTINGS in the bottom bar.

Audio

In the Audio menu, you can change the settings for audio.

How to find the Audio settings menu



You can also access the Audio menu from within the media player. When in the media player, open the Media menu and select Audio Settings.

Volume Control

In Volume Control, you can adjust the volume for different audio, for example traffic announcements, ringtone and alarm.

If you want to adjust a volume, drag the corresponding slider to the desired position.

Equalizer

With the equalizer, you can adjust the balance between different frequency components.

To adjust the strength of the frequency components, drag each slider to where you want it to be. You can also tap the desired position on each frequency component and its slider jumps there.

Select "Set to zero" if you want to set all sliders to zero position.

Balance/Fader

The Balance/Fader setting adjusts the strength of the sound coming from each speaker. Balance controls the side-to-side strength, Fader controls the front-to-back strength.

Drag the point of intersection to where you want it to be.

Select "Set to zero" if you want to set both balance and fader to zero position.

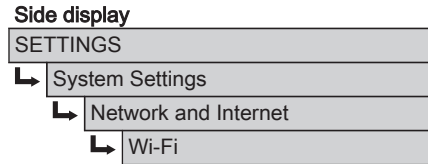
Loudness

When Loudness is on, high and low frequencies are boosted when listening at low volume.

The Wi-Fi menu

In the Wi-Fi menu, you can turn Wi-Fi on or off and connect to a Wi-Fi network.

How to find the Wi-Fi menu



Turning Wi-Fi on or off

To turn Wi-Fi on or off, use the toggle switch in the upper, right corner. When Wi-Fi is on, you can see available networks.

Connecting to a Wi-Fi network

To connect to a network, select the network's row. Enter the password (if required) and select CONNECT in the upper, right corner.

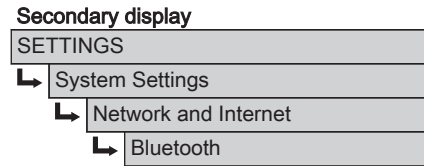
Disconnecting from a Wi-Fi network

To disconnect from a network, select the network's row and select FORGET in the upper, right corner.

Bluetooth settings

In the Bluetooth® menu, you can turn Bluetooth® on or off and manage your Bluetooth® settings and devices.

How to find the Bluetooth settings menu



Turning Bluetooth on or off

To turn Bluetooth® on or off, use the toggle switch in the upper, right corner. When Bluetooth® is on, you can see any paired or available devices.

Paired devices

Up to two devices can be connected at the same time, but you can have more devices stored.

Below the name of each device, it is shown if the device is connected or not.

To connect or disconnect the device, select the device row.

To edit the settings for a Bluetooth® device, select its settings icon.

To remove the device from your paired devices, select FORGET in the upper, right corner.

To edit the name, select the current name and type in the name you want to change to. Select OK in the upper, right corner to save the new name.

A Bluetooth® device can be used for the following functions in the truck:

- Phone calls
- Media audio
- Internet access
- Text messages
- Contact sharing

To set a function to on or off, tick or untick its box.

Available devices

Devices that are already paired with the truck are not shown here, but can be found in the Paired devices menu.

To pair a device, select the device row and follow the instructions shown on the secondary display and on the display of the device.

SPECIFICATIONS

Frequency bands and output power

Application	Frequency	Maximum output power
AM	148.5-283.5 kHz, 526.5-1606.5 kHz	
FM	87.5-108 MHz	
DAB	174.0-240.0 MHz	
Bluetooth	2402-2480 MHz	
WLAN 2.4 GHz	2402-2480 MHz	
WLAN 5 GHz	5170-5250 MHz	
WLAN 5 GHz	5725-5850 MHz	

Simplified EU declaration of conformity, radio

Hereby, Aptiv Services Deutschland GmbH, 42367 Wuppertal, declares that the radio equipment type automotive headunit Service and Entertainment Module 2.5 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.aptiv.com/automotive-homologation>

Bluetooth®

- Bluetooth® X
- Power class X with approximately X m range.
- Two units can be connected simultaneously.

Audio decoder

Audio decoder and corresponding container/format:

- LPCM (RAW) - WAV

- MPEG-1 Layer III - MP3
- MPEG-2 Layer III - MP3
- MPEG-2.5 Layer III - MP3
- AAC LC - AAC, MP4, M4A
- AAC HE - AAC, MP4, M4A
- AAC HE v2 - AAC, MP4, M4A
- OGG (Vorbis) - OGG, MKV
- Opus - MKV

Audio container

Audio container and corresponding file extension:

- MP3 - .mp3
- M4A - .m4a
- OGG - .ogg
- WAV - .wav
- MP4 - .mp4

Audio format

Audio format and corresponding file extension:

- AAC - .aac
- FLAC - .flac

Video decoder

Video decoder and corresponding container/format:

- VP8 - WEBM, MKV
- VP9 - WEBM, MKV
- H 264 - MP4

Video encoder

Video encoder and corresponding container/format:

- VP8 - WEBM, MKV

Video containers

Video container and corresponding file extension:

- WEBM - .webm

SPECIFICATIONS

- MKV - .mkv
- MP4 - .mp4

FCC

FCC ID: LTQVTSEMNAR

FCC § 15.19 Labelling requirements

This device complies with part 15 of the FCC Rules and ISED license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED 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.

FCC § 15.21 Information to user

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

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

RF Exposure Requirements

This equipment complies with FCC RF radiation exposure and Industry Canada RSS-102 RF exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. To comply with FCC RF exposure and Industry Canada RSS-102 RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain (à l'exception des extrémités : mains, poignets, pieds et chevilles).

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CID0123456



CID0123456