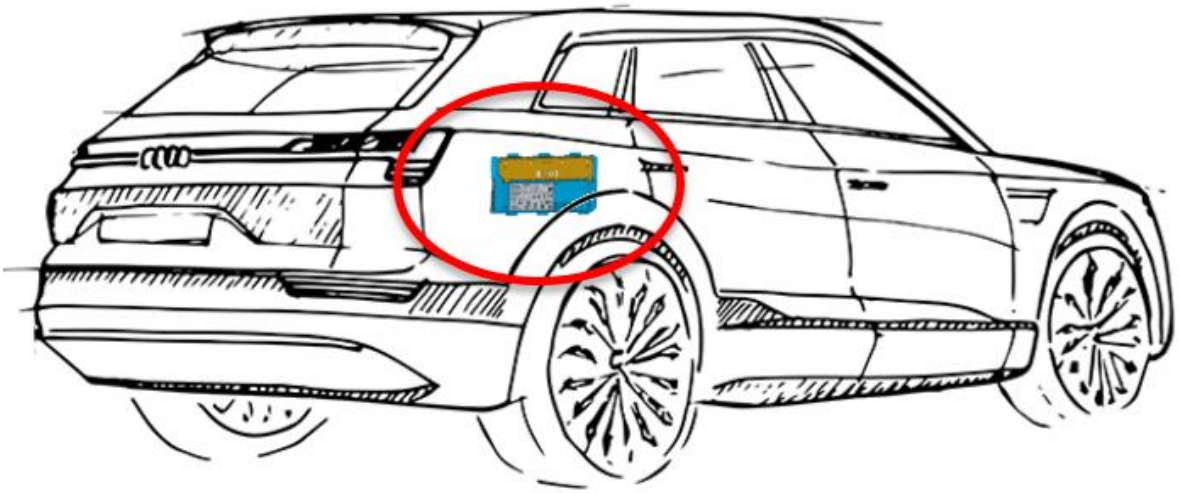
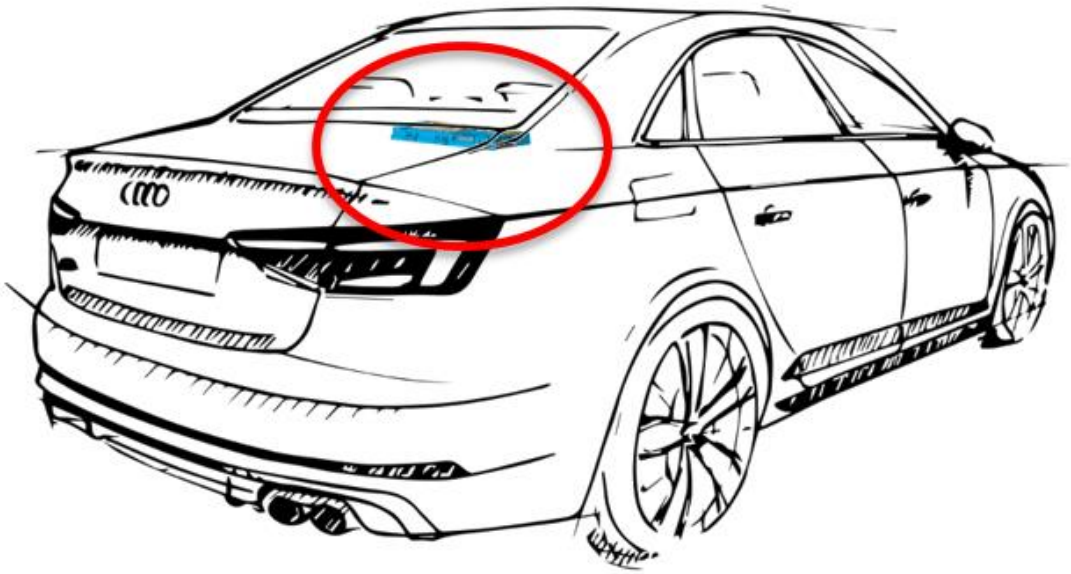
VW AG
CONMOD

Models:
➔TKCMOD12E00
➔TKCMOD11000
➔TKCMOD12T00
➔TKCMOD12R00

➔ TKCMOD12N00-

Installation:
CONMOD is placed in the cars like in bellow picture



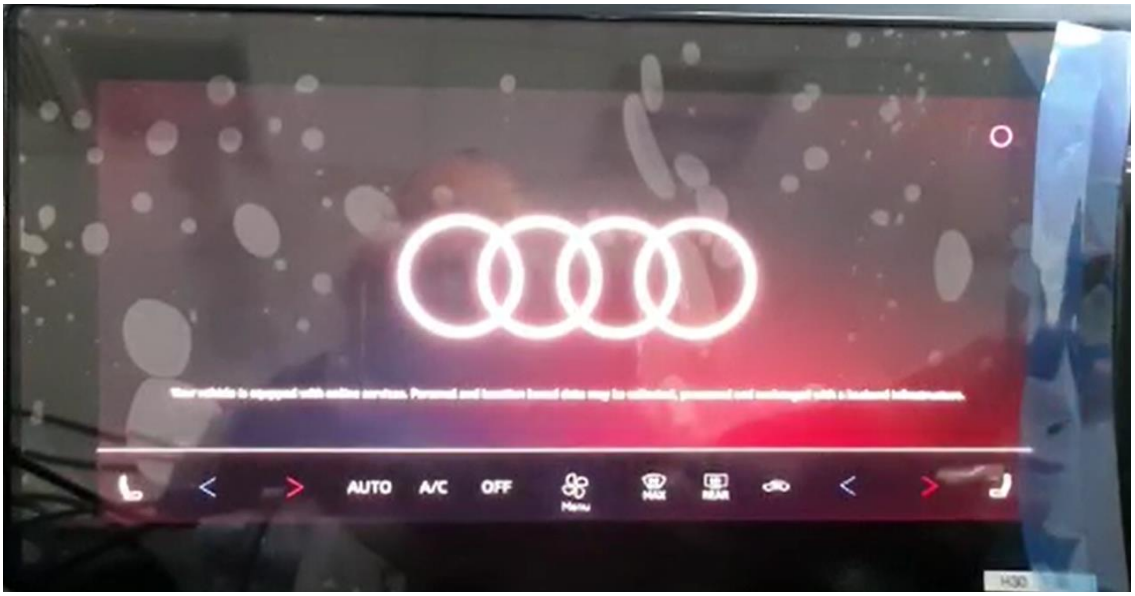


Description:

ConMod is a VW crosscar TCU solution to be used in different platforms within the Volkswagen Group.
Included key technologies are 2G, 3G,LTE, 5G, WLAN, Bluetooth, GNSS receiver, depending on the model.

Bellow you can find Menus available for CONMOD PPE:

- ⇨ Bluetooth



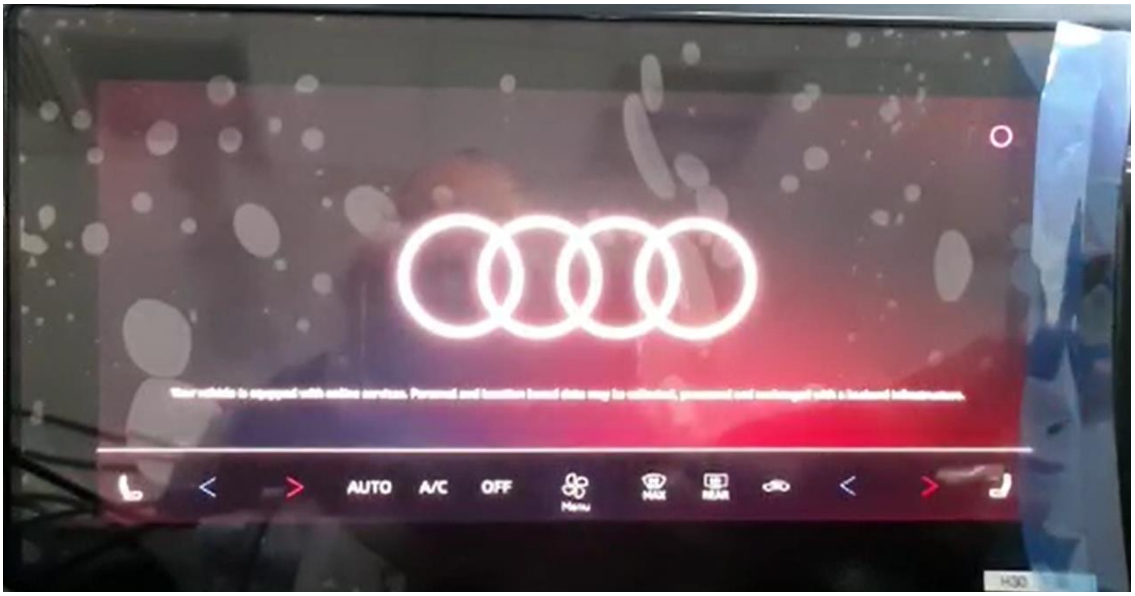
18:11
Connection
Network and connected devices
Ton
Volume, Balance
Display
To Digital assistant
AUTO
A/C
OFF

18:11
Verbindungen
Gerätemanager
Gerätevorwaltung: Telefonie, Audioplayer, Audi Smartphone Interface
Bluetooth®
Bluetooth® Einstellungen
Fahrzeug Hotspot
Externe Geräte mit Fahrzeug-Hotspot verbinden, Fahrzeug Hotspot Einstellungen
WLAN
AUTO
A/C
OFF

10:11
Bluetooth
Fahrzeugname:
AOSP on Harman Platform
AUTO
A/C
OFF

10:12
Bluetooth
Fahrzeugname:
AOSP on Harman Platform
AUTO
A/C
OFF

WIFI:

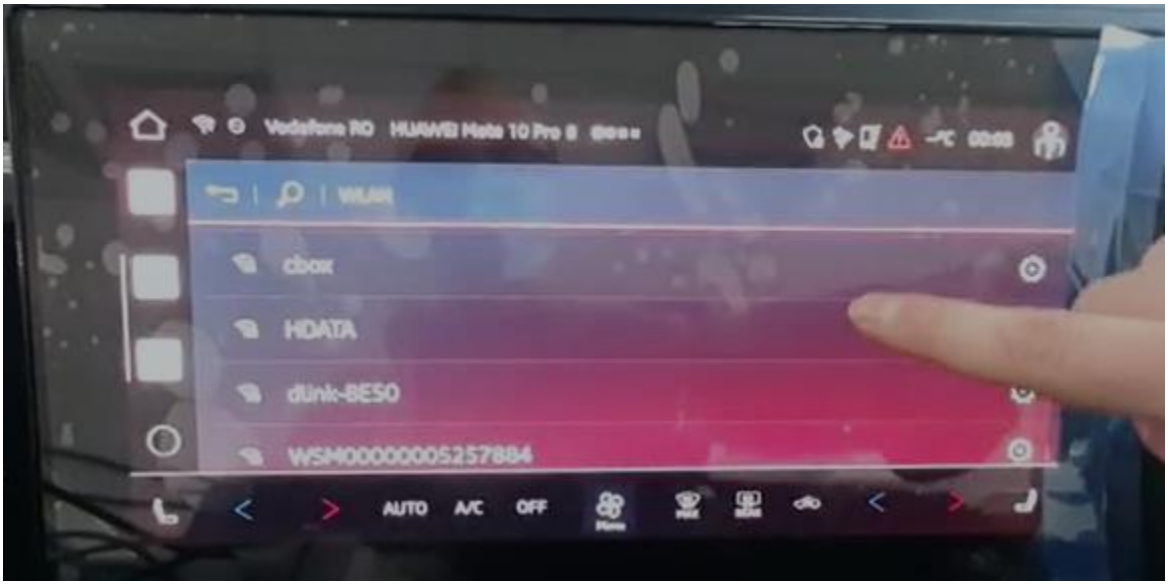

AUTO
A/C
OFF
Menu

Navigation
Entertainment
Radio
Phone
Fahrzeug
Store
Audi Assistant
AUTO
A/C
OFF

Connection
Network and connected devices
Ton
Volume, Balance
Display
To Digital assistant
AUTO
A/C
OFF

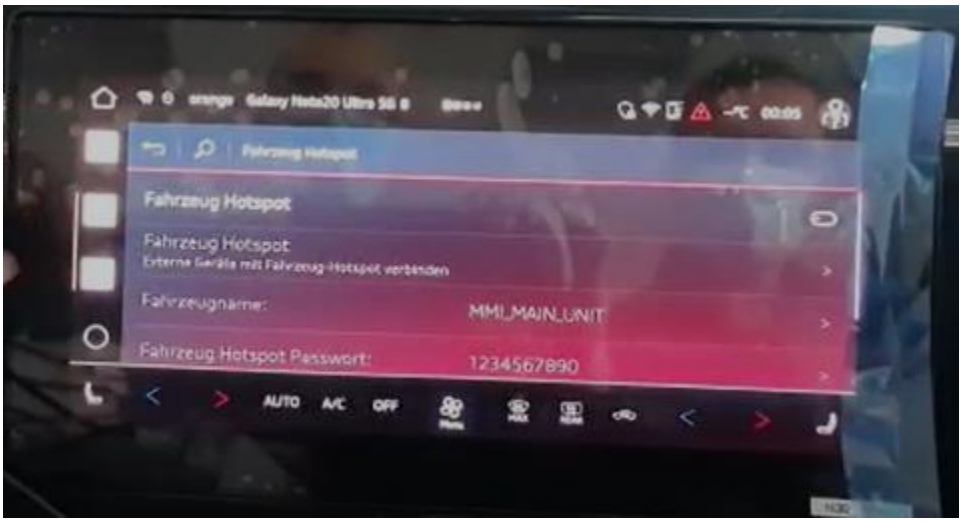
Vodafone RO
WLAN
Kabelloses Laden
Datenpakete
AUTO
A/C
OFF

Vodafone RO
HUAWEI Mate 10 Pro 8
00:09
WLAN
WLAN
Nicht unterstützt
DYMOLWW124096
Nicht unterstützt
AUTO
A/C
OFF

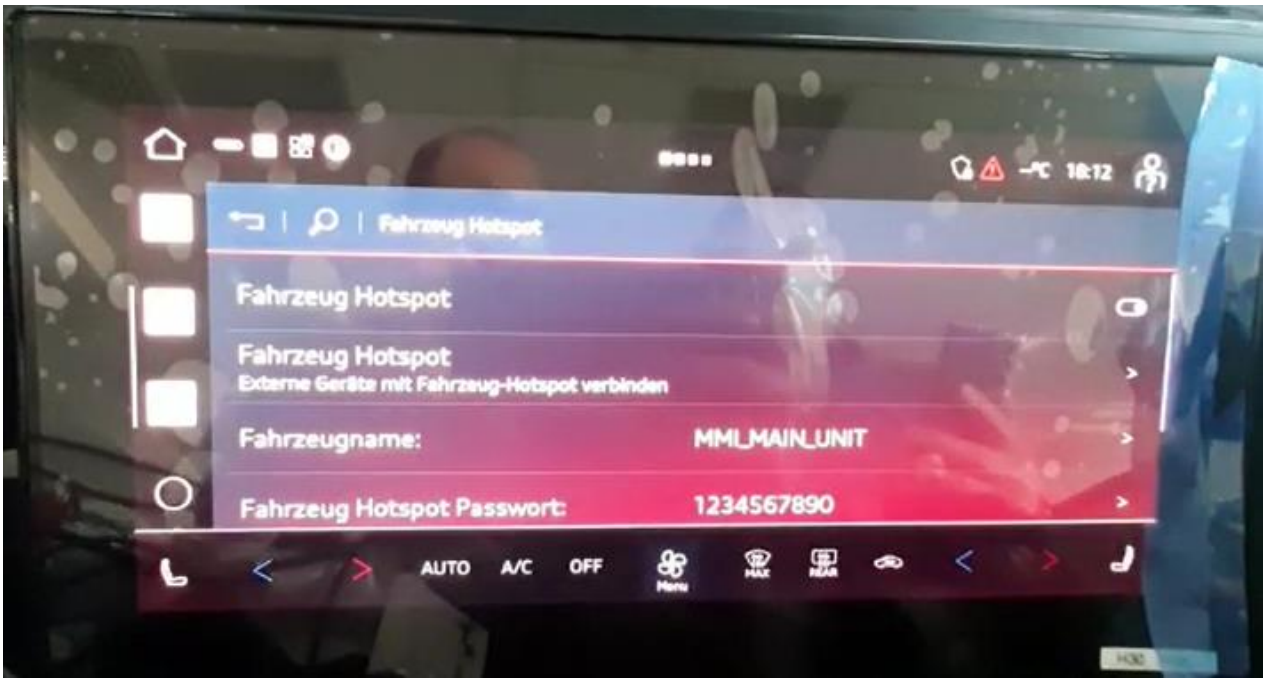

Vodafone RO
HUAWEI Mate 10 Pro 8
00:08
WLAN
cbox
HDATA
dünk-8E50
WSM00000005257884
AUTO
A/C
OFF

Create a Hotspot:

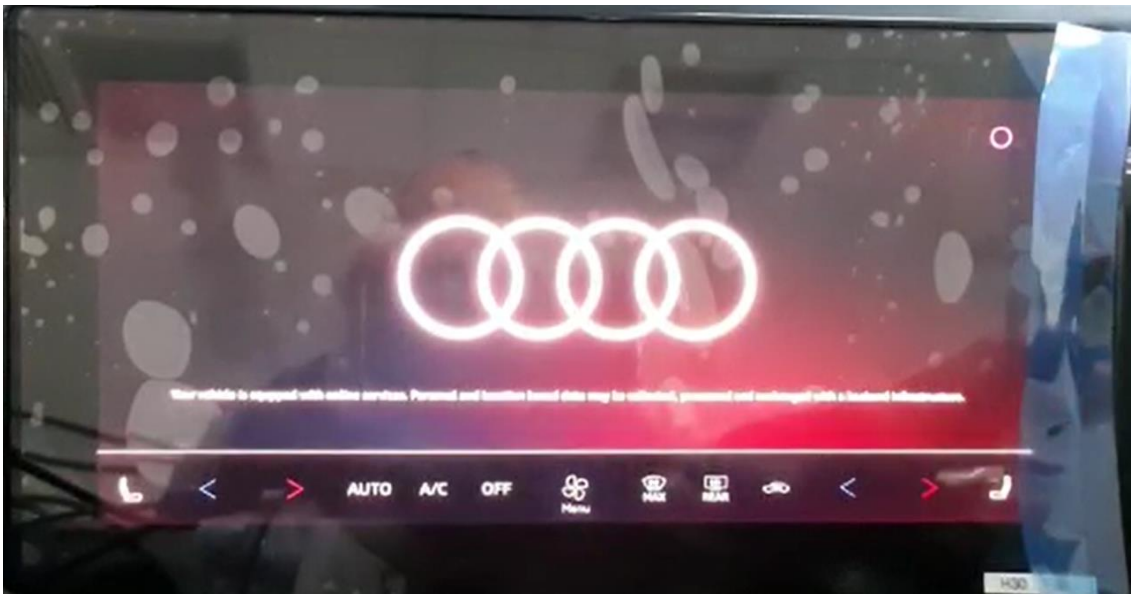
Fahrzeug Hotspot
Kabelloses Laden
Datenpakete
AUTO
A/C
OFF


Fahrzeug Hotspot
Fahrzeug Hotspot
Fahrzeugname:
MMI_MAIN_UNIT
Fahrzeug Hotspot Passwort:
1234567890
AUTO
A/C
OFF

Fahrzeug Hotspot
Fahrzeug Hotspot
Fahrzeugname:
MMI_MAIN_UNIT
Fahrzeug Hotspot Passwort:
1234567890
AUTO
A/C
OFF


18:12
Fahrzeug Hotspot
Fahrzeug Hotspot
Fahrzeug Hotspot
Externe Geräte mit Fahrzeug-Hotspot verbinden
Fahrzeugname:
MMI_MAIN_UNIT
Fahrzeug Hotspot Passwort:
1234567890
AUTO
A/C
OFF
Menu
MAX
REAR

Initiate a call:



18:12
Neues Gerät verbinden
Keine Geräte gefunden
Stellen Sie sicher, dass Bluetooth auf ihrem Gerät eingeschaltet ist und die Sichtbarkeit des Geräts aktiviert wurde.
AUTO
A/C
OFF
MAX
REAR

18:12
Neues Gerät verbinden
HUAWEI Mate 10 Pro
Bestätigen Sie den Bluetooth Code auf dem Mobiltelefon:
542887
Weitere Hinweise auf dem Mobiltelefon beachten.
Abbrechen
OK
AUTO
A/C
OFF
MAX
REAR

Vodafone RO
HUAWEI Mate 10 Pro
18:12
Neues Gerät hinzufügen
Name: AOSP on Harman Platform
HUAWEI Mate 10 Pro
L's S20
AUTO
A/C
OFF

AUTO
A/C
OFF

00:02
Phone
Calin Daniel
Telefonanruf wird aufgebaut... 0724209700
Auflegen
Keine Medien
AUTO
A/C
OFF

CERTIFICATION INFORMATION

For EU :

Models:
➔TKCMOD12E00
➔TKCMOD11000
➔TKCMOD12T00
➔TKCMOD12R00

Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type CONMOD is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity will be available on the Harmany official Address: http://www.harman.com/compliance

CE

The Transmitter Power at the NAD antenna terminal at Room Temperature:

- GSM low bands (800/900): +32.5 ±1.5 dBm
- GSM hi bands (1800/1900): +29.5 ±1.5 dBm
- WCDMA bands: +23.5 +1.5/-2.5 dBm
- LTE bands: +23.0 ±2 dBm*
- 5G NR bands: +23.0 ±2 dBm*
- HPUE bands: +26.0 +2/-3 dBm**

* For most bands. Some exceptions exist, per 3GPP standard
** Applies to LTE and 5G NR bands which are HPUE capable.

Bluetooth Parameter:

- Frequency: 2,402-2,480 GHz
- Output power: < 10 dBm

WLAN Parameter:

- Frequency: 2,400 - 2,4835 GHz
  Country specific 5GHz Bands (5.1/5.7 GHz)
- Output power: @ 2,4GHz : < 20 dBm
  @ 5.1/5,7GHz : < 20 dBm * (country specific)

Supported Bands	**Homologation name**	**5G NR Bands**	**LTE Bands (FDD + TDD)**	**UMTS Bands**	**GSM**	**GNSS**
Region - EU	FE5EU0020	n1, n3, n5, n7, n8, n28, n77, n78	1, 3, 5, 7, 8, 20, 28A, 28B, 32Rx, 38, 40	1, 3, 5, 8	3, 8	L1

The system supports the following frequency bands for GNSS:

- GALILEO (L1 carrier frequency = 1.575,42 MHz)
- GPS (L1 carrier frequency = 1.575,42 MHz)
- GLONASS (L1 carrier frequency = 1602 MHz)
- BEIDOU (L1 carrier frequency = 1560 MHz)

FCC / ISED statement :

Model: TKCMOD12N00
FCC ID: T8GCONMOD
IC: 6434A-CONMOD

This device complies with part 15 of the FCC Rules and Industry Canada 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 present appareil est confore aux CNR d`industie Caqnada applicables aux appareil radio exempts de cicence.

L`exploitation est autorisée aux deux conditions suivantes :
(1)l`appareil ne doit pas produire de brouillage, te
(2)l`utilisateur de l`appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d`en compromettre le fonctionnement.

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

To comply with FCC and ISED RF exposure compliance requirements, the different antennas must be professionaled installed at the minimum distance used for the RF evaluations according to FCC and ISED rules

Supported bands	**Homologation name**	**5G NR Bands**	**LTE Bands (FDD + TDD)**	**UMTS Bands**	**GSM**	**GNSS**
Region - NA	FE5NA0020	n2, n5, n7, n41, n66, n71, n77, n78	1, 2, 3, 4, 5, 7, 12, 13, 14, 17, 25, 26, 29Rx, 30Rx, 41, 66, 71	1, 2, 3, 4, 5, 6	2, 3, 5, 8	L1

FCC/ISED Regulatory notices

Modification statement

Harman Becker Automotive Systems GmbH has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user’s authority to operate the equipment.

Harman Becker Automotive Systems GmbH n’approuve aucune modification apportée à l’appareil par l’utilisateur, quelle qu’en soit la nature. Tout changement ou modification peuvent annuler le droit d’utilisation de l’appareil par l’utilisateur.

Wireless notice

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme à l'exposition aux radiations FCC / ISED définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) et RSS-102 de la fréquence radio (RF) ISED règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

FCC Class B digital device notice

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.

CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

Manufacturer:
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Becker-Goering-Strasse 16
76307 Karlsbad,
Germany