

USER MANUAL

BURY

CC-26

Wireless charging tray

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1. Product description

The wireless charging tray CC-26 enables wireless charging of Qi compatible smartphones. It also uses NFC communication for Digital Key recognition and RFID protection. It is designed to fit dedicated automotive interiors. When placing the smartphone to be charged in the wireless charging tray, ensure that no other objects are in the tray along with the smartphone.

2. Legal statements

2.1. FCC

FCC ID: QZ9-CC-26

NOTICE:

Changes or modifications made to this equipment not expressly approved by BURY GmbH may void the FCC authorization to operate this equipment.

NOTE:

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.

2.2. ISED

IC: 5927A-CC26

HVIN: CC-26

PMN: CC-26

Approval and declaration of conformity

This device complies with Part 15 of the FCC Rules and with RSS-210 and RSS-Gen of the Industry Canada Rules. 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'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

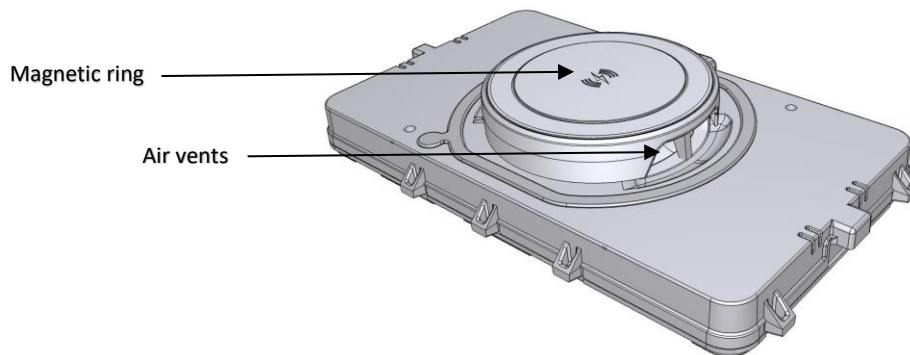
- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

3. Safety warning

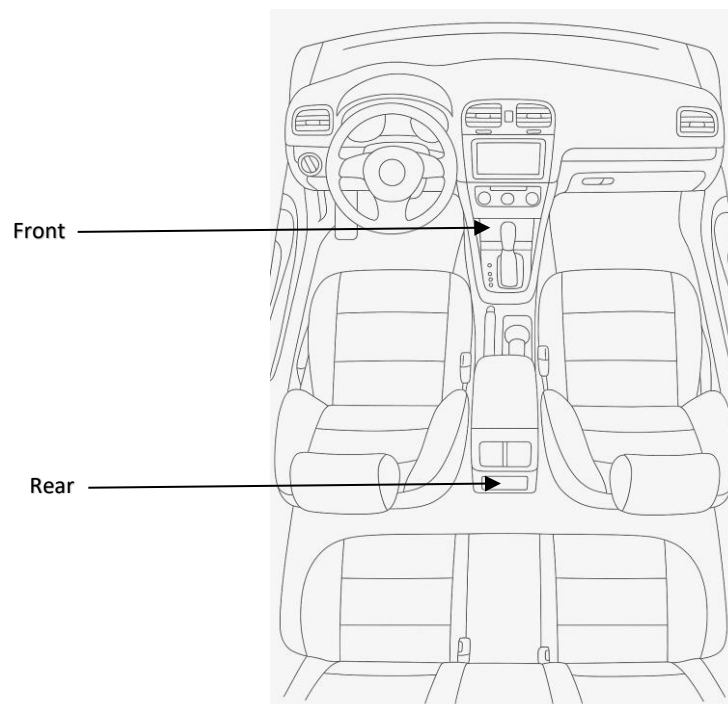
When charging a device in the wireless charging tray, metallic objects placed in the tray with the device can become very hot. If storage media or electronic cards, such as chip cards, magnetic stripe cards, or signal transmission cards, are placed in the tray with the device, the cards' functionality may be impaired. This poses a risk of injury and property damage. When charging mobile devices, ensure that no other objects are placed in the tray with the device.

4. Overview

4.1. Unassembled wireless charging tray



4.2. Location of assembled device inside vehicle



The wireless charging tray is fixed in the front and/or the rear part of the center console. Installation is performed by trained professionals during vehicle assembly. End user cannot change its placement under any circumstances.

5. Using the wireless charging tray

5.1. Functional Requirements

The following functional requirements apply to the wireless charging tray:

- The smartphone to be charged supports wireless charging.
- The smartphone does not exceed the maximum size of approximately 170 x 85 x 18 mm.
- The smartphone to be charged is positioned vertically and centrally in the wireless charging tray.
- The smartphone's display is facing upwards.
- The protective case of the smartphone being charged supports wireless charging.

5.2. Inserting a smartphone

Place the smartphone upright, centered, and with the display facing up on the magnetic ring in the wireless charging tray.

5.3. Inserting NFC card

Place the registered Key card in the wireless charging tray.

5.4. System limitations

The charging current may be reduced or the charging process temporarily interrupted in the wireless charging tray in the following situations:

- Due to excessively high temperatures of the wireless charging tray and the smartphone.
- Due to unsuitable protective cases.
- Due to smartphone settings, e.g., charging settings. Refer to the relevant instructions in the smartphone's manual.
- Due to attachments on the smartphone, e.g., mounts.
- If objects are located between the smartphone and the wireless charging tray.
- If storage media or electronic cards, e.g., chip cards, cards with magnetic stripes, or signal transmission cards, are located between the smartphone and the wireless charging tray.

6. Technical details

- Supply Voltage: 12V DC Vehicle Battery ($V_{nom}:14V$; $V_{max}:16V$; $V_{min}:6V$)
- Max input current: 2.1A
- Operating temperature range: -40 °C - +85 °C
- Charging temperature range: -40 °C - +60 °C
- Frequencies utilized by implemented technologies:
 - NFC at 13.56 MHz – Digital key & RFID tag protection
 - WLC at 126 kHz – Qi 2.1 wireless power transfer up to 15W
 - WLC at 360 kHz – Qi 2.1 wireless power transfer up to 15W