

User Manual

NR1

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1. Functional description

The **NR1** is a NFC reader module mounted on the B-pillar of the car. It used the NFC technology to grant access to the car. The **NR1** connects to smartphones, wearables and NFC tags to authorize door opening.

The **NR1** acts as an interface between car electronics control Unit and applications on NFC devices. The car ECU requests the **NR1** which communicates with the NFC device on the integrated antenna using a magnetic field.

2. Usage description

The user places his paired NFC device (a smartcard or a mobile phone / wearable with an integrated secure element ID) onto the **NR1**. The **NR1** authorizes the user to enter the car automatically as soon as a valid device is recognized. Then the door is unlocked and the driver can access the car.

For additional information, please refer to the User Manual provided by the OEM.

3. Compliance statements USA & Canada

This device complies with Part 15 of the FCC 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.

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

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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;
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

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Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC and IC RF Radiation Exposure Statement: This equipment complies with FCC and IC RF Radiation 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. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

RF du FCC et IC d'exposition aux radiations: Cet équipement est conforme à l'exposition de FCC et IC rayonnements RF limites é-tablies pour un environnement non contrôlé. L'antenne pour ce transmetteur ne doit pas être même endroit avec d'autres émetteur sauf conformément à FCC et IC procédures de produits Multi-émetteur. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

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4. History

Version	Chapter	Changes	Date	Editor
1.0	All	Original version	31.05.2024	A. Rebello

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