

User's Manual

Model name: *INT TAGE CAN*



Product Homologation Product name: INT TAGE CAN Model name: G60	Document type:	User's Manual
	Date:	27.01.2026
	Version:	1.0

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1 General information of the *Int Tage CAN*

1.1 Function CA:

There are two different capacitive sensors.

The first sensor is used for unlock function

The second sensor is used for lock function and is designed as a touch sensor.

Keyless access is enabled by activating the sensors on the door handle in combination with the door handle-ECU, whereby the vehicle can be unlocked or locked.

1.2 Function NFC:

The door handle electronics includes a compact transceiver for contactless communication on 13.56 MHz, designed for automotive use. It supports ISO/IEC 14443-A for NFC communication and uses a CAN-Bus interface to transmit data to the vehicle. It also implements ECP for compatibility with Apple NFC devices. The system can buffer data, provide diagnostics, and features a Low Power Card Detection (LPCD) mode that periodically checks for changes in the magnetic field to detect nearby NFC devices.

1.3 Environmental conditions

- Operating temperature range: -40 to +85°C
- Storage temperature range: 40 to +105°C
- Repainting temperature: 110°C for 1h, 130°C for 0,25h
- Room temperature: +23°C ± 5°C
- Air humidity: 25% to 90%

1.4 Variants

Both, Left and Right, variants are identical in terms of functions (lock/ unlock sensors and NFC). The only difference is the mounting position in the vehicle.

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1.5 Assembly concept of electronics INT TAGE CAN



Figure 1: INT TAGE CAN with electronics

1.6 NFC Antenna position



Figure 2: Detection area NFC antenna

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2 Operating voltage

- Operating voltage range: +Ubat = 9V to 16V DC
- CAN operating voltage range: +Ubat = 8V to 18V DC
- Test voltage for EOL: +Ubat = 12V $\pm$ 2% DC

3 Declaration of Conformity

3.1 Radio equipment authorization to FCC in USA

FCC ID: YGOINTTAGECAN

According to 47 CFR 15.19 (labeling requirements) the car manufacturer will print the following text in the appropriate User's Manual of the car:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm from any body part of nearby persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Usually this is followed by the following FCC caution:

Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

3.2 Radio equipment authorization to RSS-210 in Canada

IC ID: 4008C-INTTAGECAN

According to RSS-210 (labeling requirements) the car manufacturer will print the following text in the appropriate User's Manual of the car:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm from any body part of nearby persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with 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 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.

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Usually this is followed by the following RSS caution:

Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

3.3 Taiwan

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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