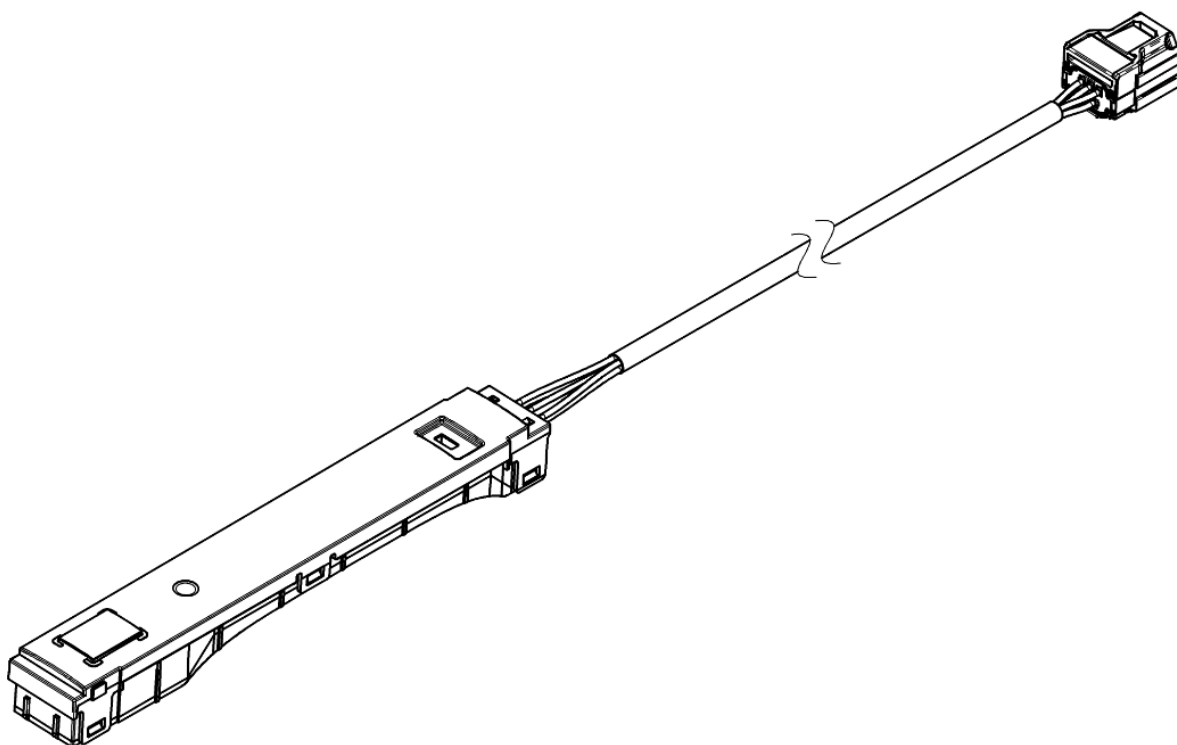


User Manual

HH9



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1. Functional description

The **HH9** is a door handle for a car with capacitive touch sensors and NFC. An integrated NFC Antenna inside into the door handle, smartphones, wearables and NFC tags can be identified and a driver can be authorized by the car so the door can be opened.

It acts as communication channel between CAR Electronics control Unit and NFC Readers. The car ECU NFC Reader requests to the **HH9** which communicates with the NFC device on the integrated antenna using a magnetic field.

Additionally, the **HH9** has touch sensors for Lock & Unlock functions on the Door handle

2. Usage description

The user places his authorized NFC device (a smartcard or a mobile phone / wearable with an integrated secure element ID) onto the door handle. The **HH9** authorizes the user to the car automatically as soon as a valid device is recognized. Then the door is unlocked and the driver can access the car. The NFC communication is only activated once a NFC device is placed onto the door handle.

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

3. Compliance statements USA & Canada

The equipment complies with FCC RF Radiation Exposure limits set forth for an uncontrolled environment. 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 present 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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4. History

Version	Chapter	Changes	Date	Editor
1.0	All	Original version	04.04.2025	H. Nirgude

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