

User Manual

HH2

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The **HH2** is a door handle for a car with capacitive touch sensors and NFC. An integrated NFC antenna inside into the door handle allows the **HH2** to identify authorized smartphones, wearables and NFC tags; to allow the user access to the car.

The **HH2** is connected to the car using a CAN-FD interface. It acts as communication channel between CAR Electronics control Unit and NFC Readers. The car ECU NFC Reader requests to the **HH2** which communicates with the NFC device on the integrated antenna using a magnetic field.

User manual

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 **HH2** 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.

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History

Version	Chapter	Changes	Date	Editor
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