

# User Manual

## Hand Free Module (HFM)

### HFM4C01

## General Product Functional Description

The HFM4C01 is a radio frequency transmitter-receiver used in vehicle access systems.

The vehicle access system includes:

- ✓ Key fob, which is a remote device
  
- ✓ LF Antennae
  
- ✓ Hand Free Module (HFM):
  - It includes a 125 kHz magnetic field and transponder transmitters. The HFM drives up to 6 external dedicated antennas for the 125 kHz transmission. Two are located in the door trims, one or two in the EXT Rear / Front Bumpers depending on vehicle definition, two within the vehicle cockpit and one optional in the trunk depending on the vehicle's applications.
  - It also includes an integrated RF receiver for 433.92 MHz. The receiver is designed in direct placement and the HFM integrates a RF printed antenna.

The main functions performed by the system are:

- ✓ RKE functions (key less features)
- ✓ Hand Free functions for vehicle access and engine start
- ✓ Immobilizer
- ✓ LF antennae management
- ✓ Remote parking

Continental

Model: HFM4C01

Product: Hand Free Module

FCC ID: KR5HFM4C01

IC: 7812D-HFM4C01

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 interference received, including interference that may cause undesired operation.

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

No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for portable use conditions.

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 interference received, including interference that may cause undesired operation of the device.

This equipment complies with the safety requirements for RF exposure in accordance with RSS-102 Issue 5 2015 for portable use conditions.

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 d'accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme avec les exigences de sécurité pour l'exposition aux RF conformément aux RSS - 102 Issue 5 2015 pour des conditions d'utilisation portables.

#### LP0002 低功率射頻器材技術規範\_章節 3.8.2

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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。