

Document : **User Manual for IBU Foldingkey**

Project : **SVI-IGRGE04**

Project Code :

Version: 1.0

Date: May. 31. '15

Engineering change order-No.:

Design Freeze No.:

Number of pages: 5

Filename:

Contents list

Page

1.	System configuration	3
1.1	Short description of the IBU Foldingkey	3
1.1.1	How to use Foldingkey	3
1.1.2	Introduction of Transmitter(Foldingkey)	3
1.1.3	Introduction of BCM	3
2	Remote Keyless Entry System operation	4
2.1	Button operation	4
3	Homologation	5

Editor : KS.Kim	Document name	Project code
Version: 1.0 Jun. 10. 2015 ECO / DF No.	Identification No. : Document No.	Page 2 / 5
File:		

1. System configuration

1.1 Short description of the IBU Foldingkey

1.1.1 How to use Foldingkey

- Foldingkey is Remote Keyless System.
- This unit controll door lock/unlock/trunk with wireless.
- THE Foldingkey is a device that transmits the signal when the button is Pressed.

1.1.2 Introduction of Transmitter(Foldingkey)

- Transmitter has four/ three buttons
- Transmitter use the battery
- Frequency is 433.92MHz
- Modulation type is FSK by PLL IC
- Transmitter use Rolling code algorithm

1.1.3 Introduction of BCM

- BCM use the vehicle battery
- Receiver is integrated and the frequency is 433.92MHz
- After receiving the Transmitter signal , the BCM decides which operation will be performed. (Lock, Unlock, Trunk, Panic)

Editor : KS.Kim	Document name	Project code
Version: 1.0 Jun. 10. 2015 ECO / DF No.	Identification No. : Document No.	Page 3 / 5
File:		

2 Remote Keyless Entry System operation

2.1 Button operation



You can lock, unlock, trunk and hold your vehicle with this remote transmitter.

Lock

- When you push this button, all the doors will be locked.
- You can not lock any of the doors with this remote transmitter if any door is open or the key is in the fob holder.

Unlock

- When you push this button, all the doors will be unlocked.
- You can not unlock any of the doors with this remote transmitter if any door is open or the key is in the fob holder.

HOLD(Trunk)

- When you push this button and hold more than 1 second, the trunk will be opened.

Panic

- When you push this button for about 1 second, Horn will alarm.

Editor : KS.Kim	Document name	Project code
Version: 1.0 Jun. 10. 2015 ECO / DF No.	Identification No. : Document No.	
File:		Page 4 / 5

Proprietary data, company confidential. All rights reserved.
Confie a titre de secret d'entreprise. Tous droits réservés.
Comunicado como secreto empresarial. Reservados todos los derechos.
Confidado como secreto industrial. Nos reservamos todos los derechos.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte vorbehalten, insbesondere für den Fall der Patenterteilung oder GM-Entragung

3 Homologation

FCC Compliance Statement.

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.

Do Not



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

IC Compliance Statement.

This device complies with Industry Canada licence-exempt RSS standard(s). 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 autorisee aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Editor : KS.Kim	Document name	Project code
Version: 1.0 Jun. 10. 2015 ECO / DF No.	Identification No. : Document No.	Page 5 / 5
File:		