

User's Manual

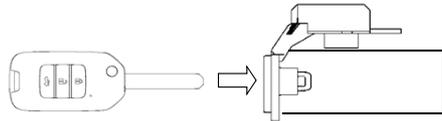
Product name : UNIT ASSY IMMOBI &KEYLESS

Type : TWD1U827

This unit is installed in vehicle. It performs communication with keyless unit by LF, processes RF signal from keyless unit, and performs actions according to the signal.

Immobilizer Function

Unit Assy Immo&Keyless communicates with the transponder in the hand unit when the user inserts the hand unit in the key cylinder, and it rotates

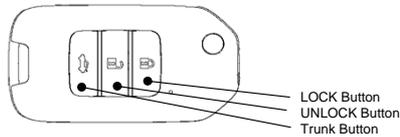


HUND UNIT

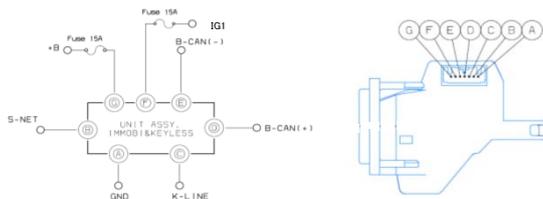
UNIT ASSY IMMOBI&KEYLESS

Keyless Function

When the user pushes LOCK, UNLOCK, and the TRUNK button of HAND UNIT, the RF electric wave is output, and IMMOBI UNIT receives it, and an open lock, the close lock of the door, and the signal of the trunk opening are output.



The connector is arranged as shown in the figure below.



CONNECTOR (PIN-OUT)

Terminal No.	Terminal Name	I/O
A	GND	-
B	S-NET	I/O
C	K-LINE	I/O
D	B-CAN(-)	I/O
E	B-CAN(+)	I/O
F	IGN	-
G	+B	-

AC/DC Supply	DC12V
Operating voltage	Immobilizer DC6~16V
	Keyless DC9~16V
Size	W69xL90.8xH77.2(mm)
Operating temperature range	-40~+85 degree C
Consumption current spec	MAX 230mA(@12.5V 25°C) at operation
	MAX 2mA(@12.5V 25°C) at standby
Weight	0.075kg
Operation of frequency	RF : 313.85MHz
	LF: 125kHz

CAUTION

Pay attention to the following.

- It may not be operated when using the equipment of the same frequency band in the vicinity.

Please DO NOT the following. Engine is not started by failure of electronic parts. (Product can not receive the signal correctly)

- Give a shock.
- Get it wet. If it got wet, wipe and dry up.
- Disassembly and modification.

This device complies with Part 15 of FCC Rules and 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 this device.

FCC CAUTION

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