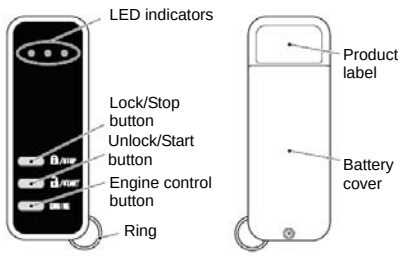
Remocon Engine Starter operation manual

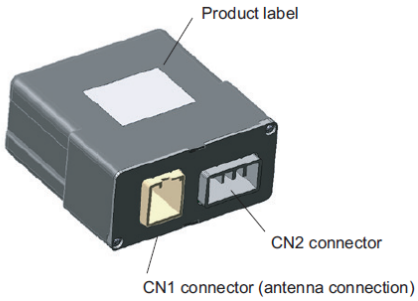
1 Configuration

Parts names

Key fob



Antenna module



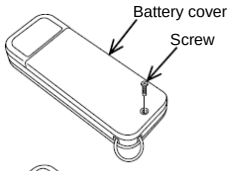
Battery replacement

We recommend that you replace the batteries after one year's use as a guide.

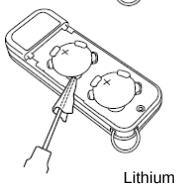
Batteries: CR2032 x 2

How to replace the batteries

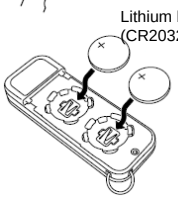
1. Remove the battery cover
   Remove the screw and the battery cover.



2. Take out the old batteries
   Insert the flathead screw driver which put cloth and take out the old batteries.



3. Replace the new batteries
   Insert the new batteries (CR2032) with the positive (+) side facing up.



4. Place the battery cover
   Place the battery cover and fasten the screw.

2 How to use

Remote engine start

1. Pressing the Engine control button for more than 1 second.
2. Release the Engine control button, and then press the Unlock/Start button. (The vehicle engine will start.)
3. If a response signal from the vehicle is properly received, the LED indicators will be blinked.

Remote engine stop

1. Pressing the Engine control button for more than 1 second.
2. Release the Engine control button, and then press the Lock/Stop button. (The vehicle engine will stop.)
3. If a response signal from the vehicle is properly received, the LED indicators will be blinked.

Door lock / unlock

・Pressing the Lock/Stop button, the vehicle door will be locked.

・Pressing the Unlock/Start button, the vehicle door will be unlocked.

3 Main specification

Key fob

Transmission frequency	902 MHz～928MHz band
Transmission power	< 20mW
Antenna	chip antenna
Transmission frequency	315 MHz
Transmission power	< 75.6dBuV/m @3m
Antenna	PWB pattern antenna
Switches	Lock/Stop, Unlock/Start, Engine control
Link state acknowledgment	LED indicators
Battery	Lithium battery (CR2032 x 2)
Operation temperature range	-20 ℃ to +60 ℃ (-4° F to 140° F)
Dimensions	81.5 mm x 30 mm x 13 mm (not including protrusion)
Weight	37 g

Antenna module

Transmission frequency	902 MHz～928MHz band
Transmission power	< 20mW
Power supply	4.2 V
Current consumption	3 mA (for receiving)
Antenna	1/4 lambda printed antenna
Operation temperature range	-30 ℃ to +85 ℃ (-22° F to 185° F)
Dimensions	52 mm x 25 mm x 52 mm
Weight	35 g

4 After sales service

For after sales service, contact :
OMRON Automotive Electronics Co. Ltd.
6368 nenjyozaka, okusa
Komaki, Aichi 485-0802 JAPAN
URL: http://www.oae.omron.co.jp

Regulatory compliance

FCC / IC CAUTION

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

Tout changement ou toute modification effectués par l'utilisateur et dont la conformité n'est pas expressément approvée par l'organisme responsable de sa conformité peut entraîner l'annulation de droit de cet utilisateur de se servir de l'équipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device complies with part 15 of FCC Rules and Industry Canada's licence-exempt RSSs. 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.

Le présent appareil est conforme à la partie 15 des règles de la FCC et aux normes des 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'appareil doit accepter tout brouillage subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Regulatory compliance

[Key fob]

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption rate (SAR).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation du débit d'absorption spécifique (DAS).

[Antenna module]

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée (MPE).