

**Brand : MOBASE ELECTRONICS CO.,
LTD.**

MODEL : MBECIBUB2004

4. IMMO system description

1.1 product summary

Immobilizer is a vehicle anti-theft system by electronic identification of owner.

The starter does not operate if a thief forces the door open and the engine started.

1.2 specification

list	specification
use frequency	output freq. 134.5kHz
consumption current	30ms(typ.) 500mA(Max.)
use power	DC12V (vehicle BATTERY)
oscillation method	RESONATOR
modulation method	ASK modulation
signal form	F1D
communication method	intermittent run HALF DPX
Rated Supply Voltage	DC 12V
Operating Voltage	DC 9 ~ 16V
Operating Temperature	- 35 ~ + 75℃

* The two reason why two reason for input frequency:

CPU can recognize when CPU recognition CODE used for immobilizer send described data as radio frequency at transponder using binary code. That's why we establish 134.2khz for recognizing at CPU

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados

FCC warning statement:**15.19**

λ. 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.

15.21

- Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.
- This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
- End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

FCC/ IC RF Radiation Exposure Statement:

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 10cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements FCC/ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 10cm de distance entre la source de rayonnement et votre corps.

IC warning statement:**RSS-Gen Issue 5**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Co-located

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

- 1.經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
- 2.低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機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。