

# **iCar Immobiliser User Guide**

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# Overview

Thank you for purchasing the iCar system. This immobiliser is the most advanced in its class. Unlike some standard immobilisers, this system not only prevents theft but also prevents carjacking.

The Made in USA secure touch key(iKey) provided has a unique serial number for every key.

- It cannot be duplicated.
- It does not use radio waves to communicate, therefore it is not affected by radio wave interferences.

iCar Immobiliser, when properly installed, cannot be easily compromised. iCar Immobiliser will still operate and protect your car if your car is hot-wired. It uses very little current, therefore will not drain your car battery.

The iCar immobiliser can be installed in addition to other immobilisers or tracking system. It will provide you and your family peace of mind for many years to come.

# Using the iCar System

When you install your iCar system, you will be provided with 2 iKeys. We recommend that you attach your iKey with your house keys, and not with your car keys.

If a robber forces you to hand over your car keys, give it to him. Without the iKey, the car engine will die within 30 secs to 3 minutes\* after the robber drives it away. (programmable duration: 30 secs to 3 minutes, depending on your pre-installation requirement)

Use any one of the iKey to touch the sensor to change the colour of sensor light.

- If the sensor light is green, you can drive the vehicle.
- If the sensor light is red, you should not drive the vehicle.

If you continue to drive the car when the light is red, the engine will die within 30 seconds to 3 minutes. The horn may also sound (depending on installation ). The sensor light will show a fast Red blink. To enable the car to start again or to stop the horn sound, touch the sensor again to change the light colour to Green.

If the sensor light is Green, touching it with the iKey will change the colour to red. This will arm the immobiliser and protect your car. We recommend arming the iCar immobiliser at night or whenever you will be leaving your car unattended.

If the sensor light is Red, touching it with the key will change it to green. This will disarm the immobiliser. You may now start and drive the car as usual.

If the sensor light is Red, it will always be red, even if the car battery has been disconnected. If the sensor light is green, it will always be green.

## **Optional Installations**

When purchasing the iCar immobiliser, you can choose to install or purchase the following additional items:-

1. Horn (to attract attention when an immobilised vehicle has been stolen/hijacked/towed)
2. Rotating Beacon Light (for commercial vehicles)
3. Panic Button
4. Master Key (a key that can be used with all vehicles in your fleet)

## **Protecting your Vehicle and Goods**

1. To protect your car, arm the iCar immobiliser at night by touching the sensor with iKey (sensor light will turn Red).
2. You should also arm your vehicle even when you are only making a quick stop (e.g. stopping for snack/washroom), especially if your vehicle contains valuable goods.
3. If hijackers force your vehicle to stop, press the panic button to arm the immobiliser. Allow the hijackers drive away your vehicle.

# **Servicing your Vehicle**

When sending your vehicle for servicing, you do not need to give the immobiliser iKey to the servicing personnel. Simply disarm the immobiliser by touching the sensor with iKey (sensor light will light turn Green). Once the sensor light is set to green, it will always be green, even if the car battery is disconnected and re-connected.

## **Warnings and Precautions**

1. Do not make unauthorised modifications to the iCar immobiliser. Making unauthorised modifications can compromise the safety and reliability of the system.
2. Should your vehicle's engine be killed by the immobiliser, (as evident from the fast blinking red light ), do not try to start your engine. If you repeatedly try to start your engine while it is immobilised by the immobiliser, you may drain your vehicle's battery unnecessarily. You may also overheat the engine start motor.
3. For commercial vehicles, do not allow the vehicles fitted with iCar to be taken home by employees. Allowing vehicles to be taken home may increase the chances of the immobiliser system being compromised, or studied by criminal syndicates.

## **Problem Solving**

1. If your vehicle has automatic transmission, make sure that the gearstick is in Park position before you can re-start the engine.
2. If your vehicle cannot start and the iCar sensor light is green, it is probably not a problem related to iCar immobiliser. Please check with your local mechanic.
3. If you lose one of the iKeys, please contact the nearest iCar centre for a replacement key. You would need to bring your vehicle to the iCar centre for re-programming of the new iKey.

## **Contact**

For a list of iCar service centres, please refer to our website at <http://www.fd.com.my>, call 03-80251388 during office hours or email [william@fd.com.my](mailto:william@fd.com.my)



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