

SMC55P

BOOK KEY LESS LOCK

Product Manual



KEYLESS LOCK CYG KEYLESS SYSTEM

- Wireless Identification System
- Automatic Unlocking System
- Anti-theft Security System

CYG

KEYLESS SYSTEM

~~SMC55PC224-CYG~~

SMC55P324-CYG

SMC

SMARTCHIP MICROELECTRONICS CORP
www.Smartchip.Com.tw

- Wireless Identification System
- Automatic Unlocking System
- Anti-theft Security System



Product Manual

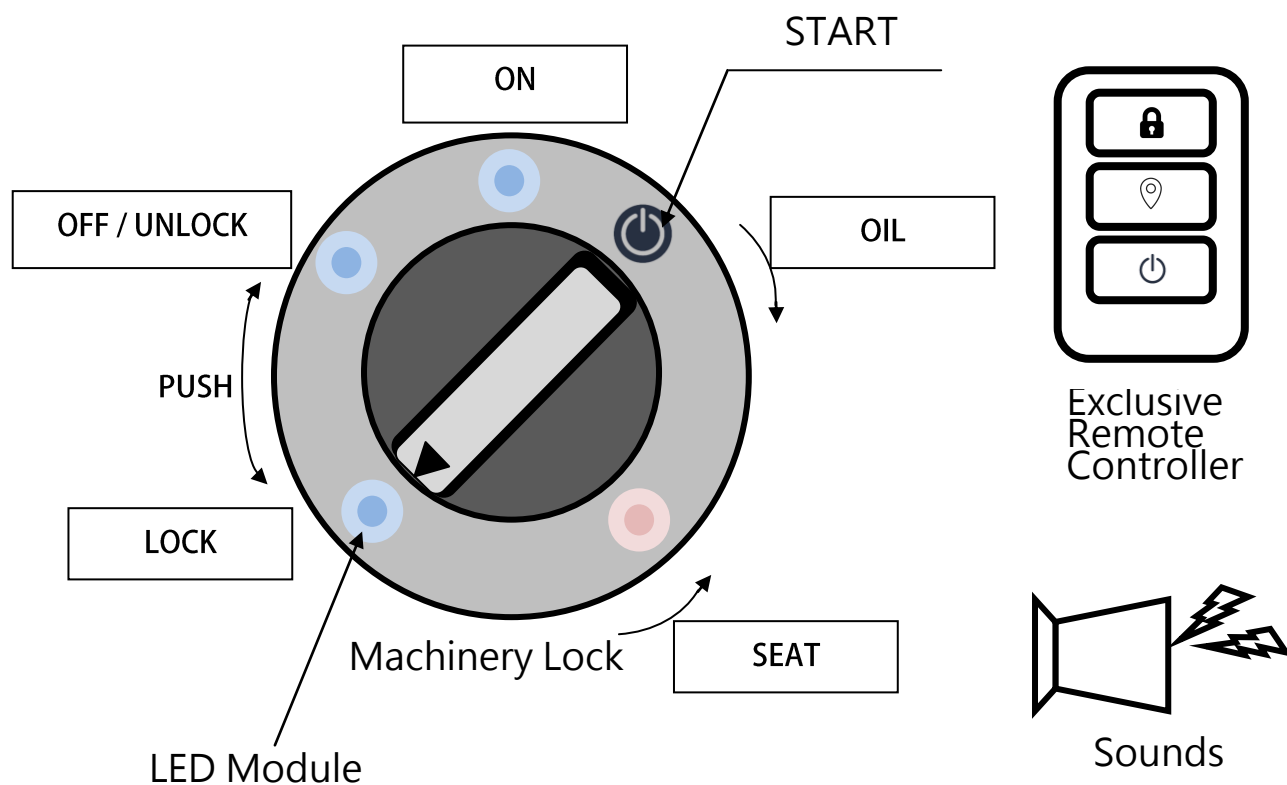
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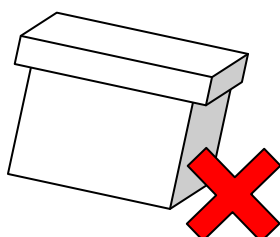
START

Life in Motion

Peripheral



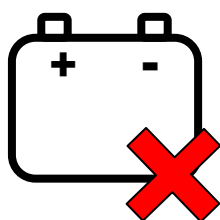
Cautions



The area around the main controller must be free of metal objects to prevent a reduction in sensing distance or malfunction.

Avoid placing metal objects around the main controller. If unavoidable, maintain a certain distance.

Metal objects and liquids will reduce the sensing distance or cause malfunction; this is a normal phenomenon.



Do not reverse the positive and negative terminals of the battery. The voltage should not exceed 16V.



Do not place the charging pad within the induction area. Avoid magnetic materials in the induction area.

SPEC

- Unlock

1. Press the button  on the remote control, and when the main controller senses it within the sensing area, it will be unlocked.
2. Press the START button on the vehicle, and when the remote control senses it within the sensing area, it will be unlocked.
 - After unlocking, the blue LED panel will gradually light up to a constant brightness (PWM).

- Lock

1. After unlocking, when the knob pointer is at the Key Off or Lock mark  , you can press the button on the remote control to lock.
2. After unlocking, when the knob pointer is at the Key Off or Lock mark, press the START button on the vehicle, and when the remote control senses it within the sensing area, it will be locked.
3. After unlocking, when the knob pointer is at the Key Off or Lock mark,
 - 3-1. The lock will automatically lock after 10 seconds (the blue LED will flash for the last 5 seconds).
 - 3-2. Press the START button on the vehicle to lock it.
 - After locking, the buzzer will beep three times in succession (Bi Bi Bi) and the blue LED will flash.

- Find Vehicle

1. Press the button  on the remote control, and when the main controller senses it within the sensing area, the vehicle can be found.
 - After finding the vehicle, the buzzer will beep three times in succession (Bi Bi Bi) and the blue LED will flash.

- Low Voltage Prompt

- When the remote control button  is pressed within the sensing area of the main controller, the blue and red LEDs will be constantly on.

- Anti-theft System

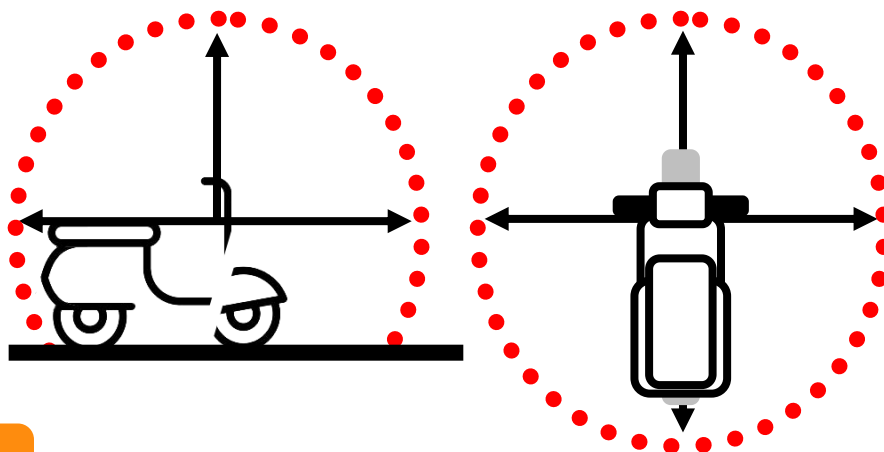
- If the START button on the vehicle is pressed and the remote control is not within the sensing area, after 5 times, the buzzer will beep five times in succession (Bi x5) and the blue LED and turn signals will flash, indicating that the vehicle is locked. (The owner needs to press the button  on the remote control within the sensing area to unlock)



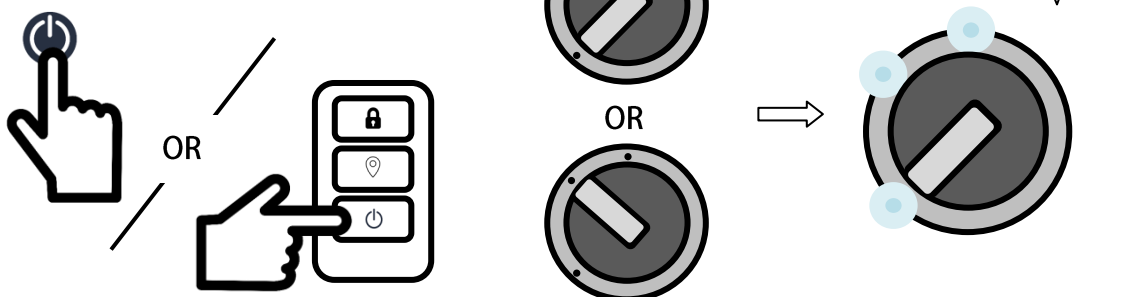
When the knob pointer is at the Key On mark or during riding, the remote control does not produce any response to the main controller.

If the remote control is not used for more than three days, you need to press the button  on the remote control within the sensing area of the main controller first.

- Sensing Area Range
 - The sensing area is within a radius of 3 meters.



Unlock



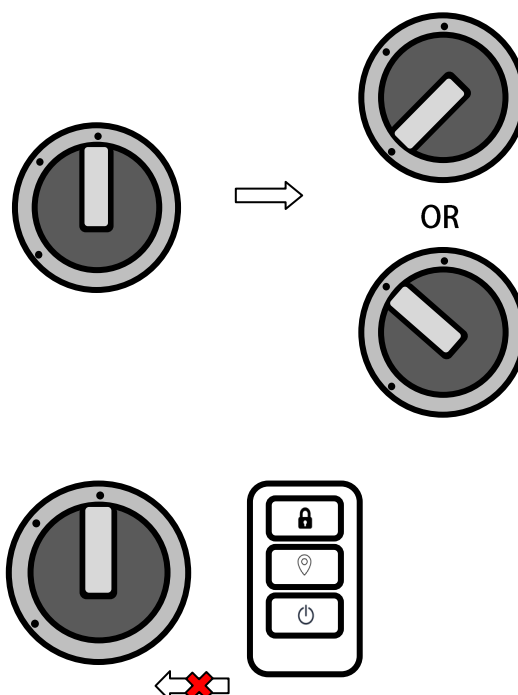
1. The lock must be in the KEY-OFF/UNLOCK and LOCK position.
2. Two-way sensing is correct within the sensing area.
3. The LED and BUZZER will sound, and the lock will be unlocked.
4. (If there is no action within 10 seconds, it will be automatically locked)



If the remote control has not been used for more than three days, you need to press the button  on the remote control within the sensing area of the main controller first.

Lock

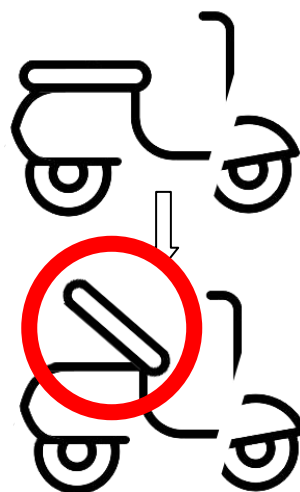
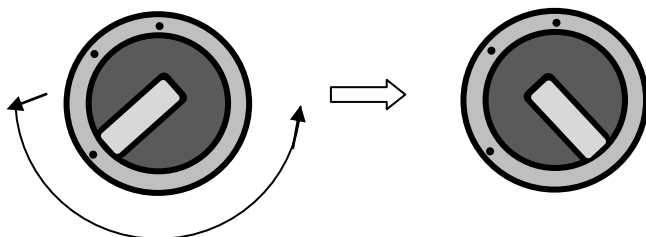
1. If you turn from KEY ON to KEY OFF/UNLOCK and LOCK,
 - 1-1. It will automatically lock and turn off the LED light within 10 seconds.
 - 1-2. You can manually press START to lock and turn off the LED light.



When KEY ON, pressing the remote control in the sensing area will not have any effect.

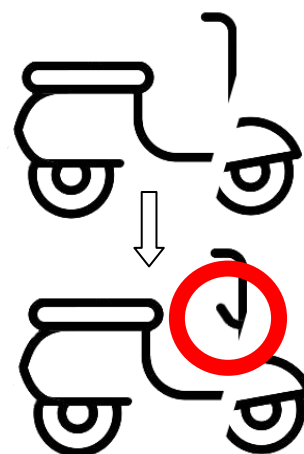
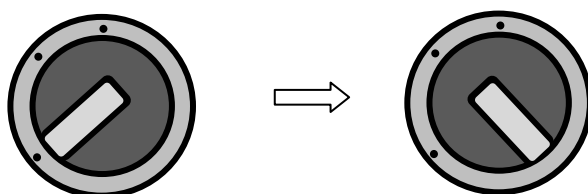
Open Seat

- When the lock is at the LOCK icon, press down and rotate counterclockwise, the seat cushion can be opened (the knob will automatically return to the LOCK icon after releasing).



Open the Fuel Tank Cap

- When the lock is at the LOCK icon, rotate counterclockwise, The fuel tank cap can be opened (the knob will automatically return to the LOCK icon after releasing).



The remote control must be sensed within the sensing area to open the seat cushion or fuel tank cap.

Product Specifications		
Input Voltage		9V~16V
Working Frequency		125KHz 315MHz 433MHz
Sensing Distance	125KHz	3M
	315MHz	≥ 20M
	433MHz	≥ 20M

315MHz (SMC55P324)

433MHz (SMC55P424)

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