

# Ultimate (BM) Key - Series

The SILICON's **ULTIMATE/TX31** - a new "Key Series" Car Alarm system provides TOYOTA car owners with one of the best available vehicle security system . It comes with the following improvements and features:

- Water Resistant Remote controller with vehicle's key attached.
- Remote Control Central locking.
- Extended Remote Battery life ( 2 years typical)
- Key remote transmission 20m ~ 25m range under normal operating environmental conditions (IDA approved).
- Silent Mode arming/ disarming
- Arm Confirmation/car finder feature
- Automatic re-lock and re-arm
- Ignition Lock Feature
- Door Not Properly Closed Warning
- LED indicator with intrusion memorized indication
- Alarm Activation
- Manual override reset function

## OPERATIONS

### DISARMING

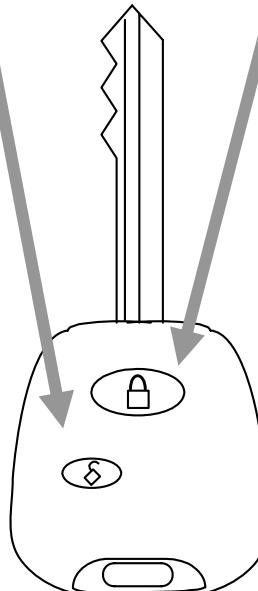
Press the "UNLOCK" button once.

Upon pressing the button, you will observe the following:

- The parking lights will blink twice.
- The siren will chirp twice.
- The door will be unlocked
- The status LED will be "OFF".

*Note: If the alarm was tripped*

- The parking lights will instantly blink 3 times and siren will chirp 3 times.
- The LED will remain flashing until the ignition is turned on. Please refer to **LED STATUS INDICATOR** section



### ARMING

Press the "LOCK" button once.  
(There is short time delay before the alarm system is actually armed, indicated by the blinking status LED in the vehicle)

Upon pressing the lock button, you will observe the following:

- The parking light will blink once.
- The siren will chirp once.
- The door will be locked.
- The LED will flash at a slow rate once armed.

*Note:*

- If the siren chirp for 8 times when "LOCK" button is pressed, check all doors are closed properly. Please refer to **DOOR NOT PROPERLY CLOSED WARNING** section
- When ignition is turned "ON", the "LOCK" command of the remote control transmitter is disabled

**PRESS BOTH LOCK AND UNLOCK BUTTON TOGETHER WILL LOCK OR UNLOCK THE VEHICLE WITHOUT THE CHIRPING SOUND ( SILENT MODE )**

*Note: The small LED on the remote controller unit indicates the condition of the battery during activation.  
When it becomes dim, replace the battery. ( 2X CR2025 Button Cell 3V Battery or equivalent )*

FCC ID : XXXXXXXXXXXXXXXXX

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.

## FEATURES

### ARM CONFIRMATION / CAR FINDER FEATURE

Press and hold the ‘LOCK’ button after the car is arm. ( 10 Seconds after locking vehicle using remote)  
The parking light will blink once and the siren will sound as long as the ‘LOCK’ button is pressed.

### AUTOMATIC RE-LOCK AND RE-ARM

- If the car was unlocked by the transmitter and unattended for a period of 30 seconds, the vehicle will be locked and re-arm.
- **The re-lock feature will not be initiated if the doors have been opened or the ACC has been turned on during the 30 seconds period.**
- If the alarm is tripped by the door switches, hood or trunk sensor, and the siren has sounded for 30 seconds, the doors will be re-locked and the alarm system will rearm after the delay time. This is to prevent the intruder from making another attempt.

*Note: If the door is unlocked and unattended, system will pre-alert the user 10 seconds before the re-lock, by means of chirping sound. The intensity will increase towards engagement of re-locking.*

### IGNITION LOCK FEATURE

The central locking will be activated once the ignition key is turned ON and unlock once the ignition key is turn OFF.

### DOOR NOT PROPERLY CLOSED WARNING

If any of the doors is not properly closed, the siren will chirp 8 times if the “LOCK” button is pressed.

*If all doors are close properly and the Siren still chirps, there might be a problem with your door switch. Promptly get it checked by qualified mechanics.*

*If you ignore the 8 chirping sound warning and keep holding the lock button for more than 3 seconds, door will be lock and alarm will not sense the doors.*

### ALARM ACTIVATION

- Door and trunk switches  
Upon tripping the door switches, the siren and parking lights will be activated for a full cycle of 30 seconds. The system will then reset and rearm (after the delay arm timing) - provided none of the doors have been opened. The status LED will flash in sequence of 3 pulses and memorized.
- Ignition key  
Upon tripping the ignition key, the siren and parking lights will be activated for a full cycle of 30 seconds. The system will then reset and rearm (after the delay arm timing). The status LED will flash in sequence of 3 pulses and memorized.

### LED STATUS INDICATOR

The red LED displays the status of the alarm system, as well as providing a visual deterrent against theft.

- When the system is disarmed, the LED is turned off.
- When the system is armed, the LED flashes at a slow rate (0.5 sec ON and 0.5 sec OFF).
- In the event the alarm has been tripped during your absence, the LED will flash in a sequence of short pulse (up to 3) as an indication of the intensity of intrusion, or source of alarm inputs.

### THE MANUAL OVERRIDE SWITCH

In the event the transmitter is lost or cannot operate, the system can be disarmed by manual override switch:

- Turn the ignition key to "ON" position.
- Press the override switch.

Note: This switch is usually hidden. Please check with the sales/Installation person of its position.

## FCC Information

**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.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

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