

User Manual

MOTOR CYCLE ALARM SYSTEM

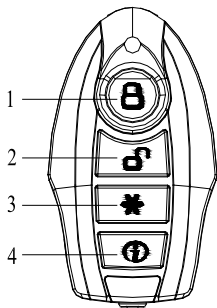
# KEETEC TS MOTO



## STANDARD CONFIGURATION FOR TRANSMITTER

Buttons	Function	Condition
Press button 1 once	Arm Stop alarm sounding	Ignition OFF Alarm sounding
Press button 2 once	Disarm Exit car finder mode	Armed and Alarm sounding
Press button 1 and 2 together	Panic	Anytime
Press and hold button 3 for 2 sec	Enter Anti motorcycle-jacking	While driving
Press button 1 once then press button 3 within 5 sec	Arm & Bypass Tilt sensor	Ignition OFF
Press and hold button 1 & 4 for 2 sec	Enter function selection	Ignition ON within 5 seconds
press button 2 & 3 together	Enter/exit VALET mode	Ignition ON within 5 seconds
Press button 4	Enter car finder mode	Arming

## 4-BUTTON TRANSMITTER



## FEATURES:

### CODE LEARNING

In case the transmitter is lost, or you want to add more transmitters (up to 3 most). Please refer to following procedures:

- a. In disarming mode, turn ignition ON/OFF 5 times within 15 sec, and stay in ON position, 3 seconds later Siren will chirp 3 times to indicate system entered code learning mode.
- b. Press any button on the transmitter; siren will chirp the times of transmitter's sequence. E.g. once for the first transmitter, twice for the second, three times for the third.
- c. After 8 sec or turn ignition OFF, the Siren will long chirp once, system will automatically exit code learning and store the code.
- d. When the first code has been learned, all old codes will be cleared

### ARMING

- a. In disarmed mode, turn **ignition** OFF, press button I once, siren will chirp once, parking light will flash once. After 8 sec., system will armed automatically, LED flash quickly and disable engine.
- b. In arming mode, to turn on the key will trigger the siren, parking light will flash 30 seconds. The siren will keep 30 sec-cycle sounding till key turned to OFF. After the key is turned to OFF, siren will keep sounding till cycle end.
- c. Tilt SENSOR defence area  
In arming mode, if motorcycle is moving or incline, siren will chirp 30 sec., parking light will flash 30 seconds.
- d. Trigger defence area  
In arming mode, if the defence area was triggered, siren will chirp 30 sec., parking light will flash 30 seconds.

Note: up to 8 times to alarm per arming cycle.

## **ARMING AND BYPASS TILT SENSOR**

When system entered arming mode, press button 1 and then press button 3 once within 5 sec, system will long chirp once to indicate that the Tilt sensor is bypassed.

In the mode, LED will flash twice interval 2 seconds.

## **DISARMING**

1. In arming mode, press button 2 once, siren will chirp twice, parking lights will flash 2 times then system will be disarmed and enable the engine starter.
2. If the alarm is triggered during arming mode, siren will chirp 4 times when disarming. Parking light will flash 4 times which indicates the alarm has been activated.

## **AUTO RE-ARMING**

After disarming, 60 sec later if driver hasn't start engine, system will be rearmed automatically. LED will flash quickly.

(During rearm count down, LED will flash quickly, siren will chirp once, and parking light will flash once.)

## **PANIC**

- a. If you are threatened near your motorcycle, you can attract attention by triggering the system with your transmitter. Just press button 1+2 together to enter panic mode. The siren will sound for 10 sec, Press button 1 or 2 to stop sounding, and parking lights will flash for 10 seconds.

## **CAR FINDER**

- a. The system is armed.
- b. Press button 4: siren will chirp once, parking lights will flash 10 times.
- c. Press button 2 to stop car finder and disarm.

## **ANTI MOTORCYCLE-JACKING**

1. When key has been turned ON, press and hold button 3 for 2 seconds, LED will flash quickly, then motorcycle-jacking mode is activated. Siren will chirp once every 3sec, after chirping 5 times, siren will chirp once every 1.5sec. After chirping 8 times, siren will continue sounding; parking lights will continuously flash and disable the engine. (Press and hold button 2 for 2 sec before siren long chirp to exit motorcycle-jacking mode.) During anti motorcycle-jacking mode, siren will long chirp, when the key turns to OFF, siren will stop, and parking lights will stop flashing as long as the ignition turns OFF. If key has been turned to ON again, siren will sound and engine will not be able to start.
2. To exit anti motorcycle jacking: EMERGENCY OVERRIDE

## **EMERGENCY OVERRIDE**

In arming mode or motorcycle-jacking mode, if transmitter is failed or lost, please refer to following step for Emergency Override: Turn key to ON/OFF 5 times within 10 sec and stay in ON position, LED shine for 2 seconds, then turn acc off, after LED start flashing, after 1<sup>st</sup> digit of PIN code turn ACC ON, after ACC OFF, LED start flashing for 2<sup>nd</sup> number of PIN code. Together with 4 digits which need be correct. Siren will chirp 4 times, parking light will flash 4 times to indicate the system is disarmed.

## **PIN NUMBER SETTING (FACTORY PRESET PIN NUMBER: 4321)**

In disarming mode, turn ignition ON/OFF 8 times within 15 sec, and stay in ON position. LED shine for 2 seconds, turn ignition OFF within 10sec, LED will start blink slowly, and input old 4 PIN NUMBER, if old 4 PIN NUMBER is correct, siren will chirp once, turn ignition OFF, LED will start blink slowly, and input NEW 4 PIN NUMBER

- When LED blink the 1st digit of PIN NUMBER, turn ignition ON, 1st PIN NUMBER will be input, and turn ignition OFF, LED start to blink again
- When LED blink the 2nd digit of PIN NUMBER, turn ignition ON, 2nd PIN NUMBER will be input, and turn ignition OFF, LED start to blink again;
- When LED blink the same number as the 3rd digit of PIN NUMBER, turn ignition ON, 3rd PIN NUMBER will be input, and turn ignition OFF, LED start to blink again,

- When LED blinks the fourth digit of PIN NUMBER, turn ignition ON, 4th PIN NUMBER will be input, and turn ignition OFF.
- 5 sec. After 4 New PIN NUMBER has been input, LED will automatically show the new PIN NUMBER to confirm: Blink 1st digit –pause 2 second-blink 2nd digit - pause 2 second...

Turn ignition ON, or 10 sec after new PIN NUMBER confirm, system will exit PIN NUMBER setting mode.

Attention: when the inputted code is super code(8555),the old key will be reset automatically.

## **VALET MODE**

You can prevent your security system from automatically arming by using valet mode, this is very useful when washing the motorcycle for example, in valet mode, the security system will not arm, even with the transmitter, but any accessory functions will continue to work normally.

### **ENTER VALET MODE:**

Ignition ON, press and hold button 2+3 within 5 seconds, (the siren will chirp once even the button was pressed once), then unit will enter valet mode. In valet mode, press button 1, siren will chirp 3 times. LED quickly flashes 3 times and then cycle.

The same way to exit valet mode.

## **MEMORY FUNCTION**

This security system will store its current state to non-volatile memory. If power is lost and then reconnected the system will recall the stored state from memory. This means if the unit is in valet mode and the battery is disconnected for any reason, such as servicing the motorcycle, when the battery is reconnected the unit will still be in valet mode. This applies to all states of the system including arm, disarm, and valet mode.

## **HIGH FREQUENCY**

Your system transmits and receives at 433 MHz; this provides a cleaner spectrum with less interference and a more stable signal.

## FUNCTION SELECTION

1. In disarming mode, turn ignition to ON, press and hold button 1+4 for 2 seconds within 5 seconds, siren will chirp once, LED will flash once per second to indicate system entered function selection.
2. Press button 3 once, siren will chirp once to indicate unit entered function selection menu 1. Press button 3 twice, siren will chirp twice to indicate unit entered function selection menu 2, press button 3 thrice, siren will chirp thrice to indicate unit entered function selection menu 3.
3. After unit entered function menu, press button 1 once, siren will chirp twice to indicate current setting is default value, press button 2 once, siren will chirp once to indicate current setting is variable value. If siren chirps thrice to indicate the sensitivity of tilt sensor is 30°. (Note: when the sensitivity is 30°, if user wants to adjust higher sensitivity, to press button 1 once, and then press button 2 to adjust.
4. Ignition OFF to exit function selection menu. Siren will long chirp once
5. During the menu setting, if without any operation within 10 seconds, siren will long chirp once to exit function selection menu.

NO	FUNCTION SELECTION	PRESET (CHIRP TWICE)	VARABLE (CHIRP ONCE)
1	AUTO REARMING	YES	NO
2	ANTI MOTORCYCLE- JACKING	NO	YES
3	Tilt SENSOR sensitivity adjustment	3(° )	1, 2, 3, 4, 5, 7, 9, 11, 15, 30(° )
4	Silent/chirp mode	Silent	Chirp mode
6	Positive/Negative siren output	Positive(constant)	Negative siren output(pulse)
7	Flash lamp arm/disarm	Enable	Disable
8	Reset back to Factory setting	DEFAULT	

## POWER SAVING MODE

- a. After 6 hours in the armed state, the LED will flash once interval 4 seconds, after 12 hours, it will flash once interval 8 seconds
- b. After 24 hours of no activity (arm, disarm, or alarm trigger) The alarms receiver, and LED turn off
- c. After 48 hours the alarm enters sleep mode to save as much battery power as possible, the system is drawing next to no current in this mode.
- d. If any other input is activated when in sleep mode, the system will wake up, the siren will chirp 10 times.

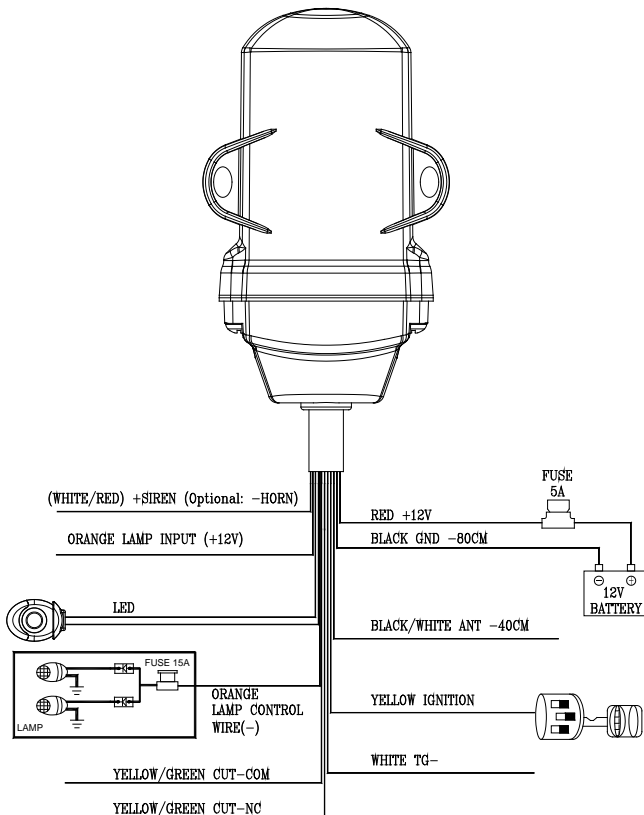
## APPENDIX

### 1. ELECTRICAL CONFIGURATIONS

DC Supply voltage	12V
DC Tolerance voltage	9V – 16V
Current (Static)	$\leq 6\text{mA}$
Current (Sleep)	$\leq 4\text{mA}$
Siren volume	105dB



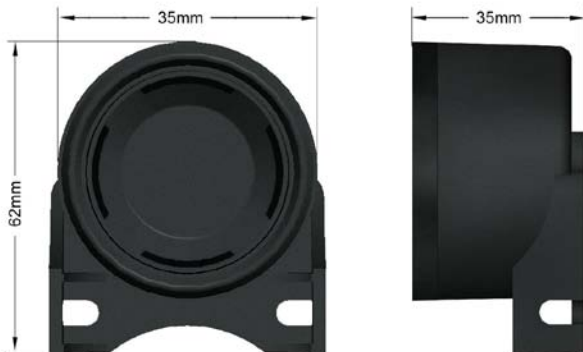
## 2. INSTALLATION GUIDE



### 3. SMART UNITE SIZE



#### 4. SIREN SIZE:



## 5. FINISHED GOOD

