



Portman Security Systems, Ltd

User Manual

MOTOR CYCLE ALARM SYSTEM

APSPS1

Version 1.2

STANDARD CONFIGURATION FOR TRANSMITTER

Function	Button	Action	System input/state
Arm	1	Tap	Ign off& disarmed
Arm/tilt bypass	1	Tap1 (arm) -> (<5s)Tap1	Ign off & disarmed
Arm/all sensor bypass	1	Tap1 (arm) -> Tap1->(<5s) Tap1	Ign off & disarmed
Panic	1	Hold	Any
Disarm	2	Tap	Ign off & armed
Anti-jacking On/ Off	2	Hold	Anti-jacking Off/On
Valet mode (on & off)	1 ,1,1	Ign on -> Ign off -> Ign on (<5s)Tap	Disarmed
Aux output	1 & 2	Tap1&2	armed or Ign off& disarmed
Feature programming enter	1 & 2	Ign on -> (<5s)Hold1&2	Disarmed
Feature menu list	1	Tap (toggle menu circular)	Disarmed
Feature option change	2	Tap (toggle setting circular)	Disarmed

2-BUTTON TRANSMITTER

FEATURES:

CODE LEARNING

In case the transmitter is lost, or you want to add more transmitters (up to 4 most). Please refer to following procedures:

- In disarming mode, turn ignition ON/OFF 5 times within 15 sec, and stay in ON position, 3 seconds later Siren will chirp 1 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. Up to 4 transmitters can be learned to each unit, each transmitter must be finished in 8 seconds. if you want to learn 5th transmitter, the 1st transmitter will be cleared, also when you learn 6th transmitter, the 2nd transmitter will be cleared.
- d. After 30 sec or turn ignition OFF for 5 seconds, the Siren will long chirp once, system will automatically exit code learning and store the code.

ARMING

- a. In disarmed mode, turn **ignition** OFF, press button 1 once, siren will chirp once, parking light will flash once. After 8 sec., system will armed automatically, LED flash slowly 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.

Tilt/Shock Sensor defense area

- 1. Sensitivity for Tilt/Shock sensors are adjustable, please see FUNCTION SELECT MENU 4&9.
- 2. If motorcycle is tilted/moved:
Sleep mode: first siren and parking light will trigger 10 times, then will trigger continuously for 30 seconds.
Wake mode: Siren and Parking lights will trigger continuously for 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 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.

ARMING AND BYPASS ALL SENSOR

When system entered arming mode, press button 1 twice within 5 sec, system will chirp three times to indicate that the sensor is bypassed.

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.
- a. If the alarm is triggered during arming mode, siren will chirp 4 times when disarming. Parking light will flash which indicates the alarm has been activated.

Parking light flash 4 times	Tilt/Shock sensor triggered
Parking light flash 5 times	TG- triggered
Parking light flash 6 times	Loop wire triggered
Parking light flash 7 times	Ignition trigger triggered

AUTO RE-ARMING

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

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

PANIC

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

ANTI MOTORCYCLE-JACKING

1. When key has been turned ON, press and hold button 2 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 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

VALET 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 15 sec and stay in ON position, LED will flash once then light solid, At this time user has 5 sec to turn key OFF/ON once to disarm the system, and then Siren will chirp 4 times, parking light will flash 4 times to indicate the system is disarmed.

PIN CODE 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 15 sec and stay in ON position, it can be as 5 times ACC ON come to emergency override mode, LED shine for 2 seconds, then Turn ACC OFF, LED start flashing, after the digit of PIN code turn ACC ON. Siren will chirp 4 times, parking light will flash 4 times to indicate the system is disarmed.

PIN NUMBER SETTING

FACTORY PRESET PIN NUMBER: 1 (LED blinks one time)

In disarming mode, turn ignition ON/OFF 8 times within 15 sec, and ends in ON position. LED will stay shine for 2 seconds, then enter into PIN setting mode:

Step 1: Confirm the original (preset) PIN Number

Turn ignition OFF within 10sec, LED will start blink slowly to confirm the preset PIN Number, please turn ignition On once LED blinks the right times of the original preset PIN number, if correct, Siren will chirp once (if siren do not chirp, means the preset PIN number was confirmed failure, please start over under this kind of situation);

Step 2: Input the new PIN NUMBER

Right after the siren chirp once, then please turn ignition Off, it enters into new PIN number setting, LED starts to blink, when the blinking times turns to the PIN number you want to set, please turn ignition onto confirm. Then turn ignition Off, LED will play the new PIN number by blinking the right times you have chosen. System will exit PIN NUMBER setting mode.

Exit PIN NUMBER setting: No operation or input wrong initial password within 30s, system will exit PIN NUMBER setting mode.

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:

Cycle key ON/OFF/ON within 5sec, Then press Lock button 3 times, (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 will solid for one hour, After one hour, The LED quickly flashes 3 times when an arm or disarm command is received.

The same way to exit valet mode.

MEMORY FUNCTION

This security system will store its current state to non-volatile memory. If power lost, 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 ON/OFF 5 times within 15 sec, and stay in ON position, 3 seconds later Siren will chirp 1 times to indicate system entered code learning mode .Cycle key ON/OFF within 5sec,enter programming Bank2. Siren will chirp 2 times to indicate system entered function selection.
2. Press button 1 once, siren will chirps(The siren chirps for the option selected) to indicate unit entered function selection menu 1. Press button 1 once again, siren will chirps(The siren chirps for the option selected) to indicate unit entered function selection menu 2.On prestige the LED will flash for the feature number.
3. After unit entered function menu, press button 2 to toggle through the options. Siren chirps according to its current setting.
4. After ignition OFF for 5sec,The system will exit function selection menu. Siren will long chirp once
5. During the menu setting, if without any operation within 30 seconds, siren will long chirp once to exit function selection menu.

NO	FUNCTION SELECT	DEFAULT	CHIRP 1	CHIRP 2	CHIRP 3	CHIRP 4	CHIRP 5	CHIRP 6	CHIRP 7	CHIRP 8
1	Passive Starter Interrupt	OFF	OFF	ON						
2	AUTO REARMING	OFF	OFF	ON						
3	ANTI MOTORCYCLE-JACKING	OFF	OFF	ON						

4	Tilt SENSOR sensitivity adjustment	5(°)	1(°)	5(°)	15(°)	30(°)	OFF			
5	Silent/chirp mode	Chirp mode	Chirp mode	Silent mode						
6	Chirp Volume	Med	Low	Med	High					
7	Siren(+)/Horn(-)output	Positive (+)	Positive(+)	Pulse Low(-)	Pulse Med(-)	Pulse High(-)	Human Panic(-)	OFF		
8	Flash lamp arm/disarm	ON	ON	OFF						
9	Shock level	LEVEL 3	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	OFF
10	Aux Output	Momentary output	Momentary output	Latched output	Latched output and reset with ignition ON					
11	Override mode	Valet Override	Valet Override	Pin code Override						
12	DEFAULT			ON						

POWER SAVING MODE

- In the disarm or valet mode state, After 96 hours of no activity the alarm enters sleep mode.
- After 24 hours in the armed state, the LED will flash once interval 4 seconds, after 48hours, it will flash once interval 8 seconds

- c. After 96 hours of no activity the alarm enters sleep mode. The alarms receiver, and LED turn off 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.

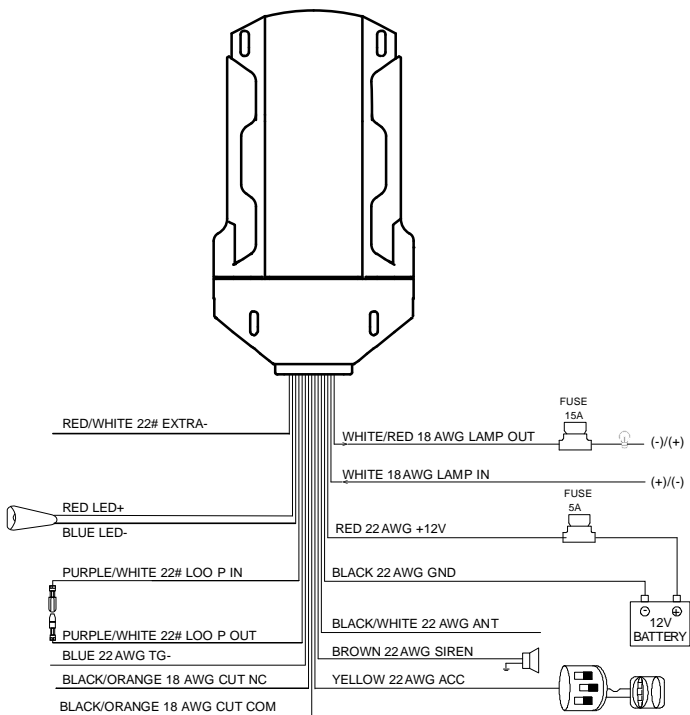
APPENDIX

1. ELECTRICAL CONFIGURATIONS

DC Supply voltage	12V
DC Tolerance voltage	9V – 16V
Current (Static)	≤8mA
Current (Sleep)	≤2mA
Siren volume	100±2dB

2. INSTALLATION GUIDE

OMEGA AL-1070-MS



3. SMART UNITE SIZE



4. SIREN SIZE:



5. FINISHED GOOD



FCC Statement

This device complies with FCC Rules part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may be received, including interference that may cause undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modification could void the user's authority to use the equipment.

NOTE:

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 to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.