PORTMAN CAR ALARM

TRANSMITTER – 3-BUTTON

Button	Functions	Conditions
1	a. Arm and lock doors	Alarm is disarmed
	b. Car finder with sound	Alarm is being armed
	c. Temporary stop alarm from sounding	Alarm is sounding
	d. Remote lock doors	While driving
2	a. Disarm	Alarm is being armed
	b. Remote unlock doors	While driving
	c. Stop alarm from sounding	Alarm is sounding
2 for 2 sec	Second unlock	Alarm is disarmed
3	a. Silent arm	Alarm is disarmed
	b. Car finder without sound	Alarm is being armed
	c. Anti car-hijacking	While driving
3 for 2 sec	Leave anti car-hijacking	While in anti car-hijacking
1+2	Panic	Anytime
2+3	Open trunk or Engine start	Ignition is OFF

Remark: a. Please refer the above table and the following operating instructions for all function.

b. Use Hopping code for transmission.

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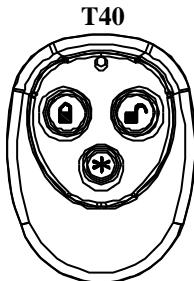
FEATURES

CODE LEARNING

a. In disarm mode, turn ignition ON, press Valet Switch 10 times within 8 seconds, siren will chirp 3 times to enter code-learning mode.
b. Press any button on the transmitter within 8 seconds. If over 8 sec or turn ignition OFF, the system will exit code-learning mode automatically.
c. The siren will chirp accordingly for confirmation as soon as the code is learned. For example, the first transmitter is learned, the siren will chirp once. The second transmitter is learned, the siren will chirp twice.
d. If one of the transmitters is to be programmed, the other transmitters must be reprogrammed at the same time.
e. Up to 3 transmitters can be learned per module.

ARMING

a. Press button 1.
b. Siren will chirp once or no chirp (See Function Selection 6).
c. Parking light will flash once.
d. Door will be locked at 0.5sec or 3.5 sec (See Function Selection 1).
e. LED will flash slowly. If door is not closed, the siren will chirp 5 times for warning and LED flashes quickly.
f. Disables engine starter if Interrupt (NC) Relay connected
g. After 3 seconds, the system is armed. All the sensors are armed. If the alarm is triggered within 3 sec, the siren will chirp twice and the circuit is by-pass till the triggering source is stable.

DISARMING

a. Press button 2.
b. Siren will chirp 3 times or has no chirp (See Function Selection 6). If siren chirps 4 times, it means the alarm has been activated.
c. Parking lights will flash 3 times; if flash 4 times which indicates the alarm has been activated. After flashing, the dome light will keep ON 30 sec max or turn ignition ON the dome light is OFF.
d. Doors will unlock at 0.5sec or 3.5sec (See Function Selection 1).
e. LED is off and enables engine if Interrupt (NC) Relay connected.

SILENT ARMING

a. Press button 3.
b. Parking light will flash once.
c. Door will be locked at 0.5sec or 3.5 sec (See Function Selection 1).
d. LED will flash slowly. If door is not closed, the siren will chirp 5 times for warning and LED flashes quickly.
e. Disables engine starter if Interrupt (NC) Relay connected.
f. After 3 seconds, the system is armed. All the sensors are armed. If the alarm is triggered within 3 sec, the siren will chirp twice and the circuit is bypassed till the triggering source is stable.

EMERGENCY DISARMING – OVERRIDE (FACTORY PRESET VALUE: PRESS SWITCH 5 TIMES)

a. Turn ignition ON.

b. Press valet switch at set-up value (5 times), siren will chirp 4 times which indicates the system is disarmed. This process must be finished within 8 seconds.
c. Replace Set-up Emergency Disarming value:
   (a) Turn ignition ON. After press valet switch 5 times within 8 sec. Siren chirp 4 times which indicates the system is in replace set-up mode
   (b) Press the numbers (1-15max) as the value you prefer within 8 sec. (If the number is over 15, the system will return back to the original set-up value) Then, siren will chirp the numbers replaced for confirmation.

AUTOMATIC DOOR UNLOCK

When the ignition turn from ON to OFF, doors will be automatically unlocked.

AUTOMATIC DOOR LOCK (SEE FUNCTION SELECTION 4)

When the ignition turn from OFF to ON, doors will be locked after 20 sec.

VALET (SEE FUNCTION SELECTION 12)

a. In disarm mode, turn ignition ON, within 8 sec press and hold valet switch 3 sec once.
b. LED will be constantly ON after 8 sec or turn ignition OFF.
c. In Valet mode: siren chirp twice and parking lights flash twice.
d. Exit valet mode: Turn ignition ON, press and hold valet switch 3 sec once, LED will be OFF after 8 seconds or turn ignition OFF.
e. In Valet mode, except arming function, the others remain the same.

PANIC

a. Press button 1+2. The siren will sound, parking lights and dome light will flash for 30 seconds.
b. Press any button to stop the panic.

CAR FINDER

a. The system is armed.
b. Press button 1 : siren will chirp once, parking lights and dome light will flash 10 sec.
c. Press button 3 : car finder in silent mode, parking lights and dome light will flash 10 sec.
d. Press button 2 to stop car finder and disarm.

ANTI CAR-HIJACKING (SEE FUNCTION SELECTION 7)

a. When ignition is ON and the doors are closed, press the button 3 and open the door within 8 seconds to activate anti car-hijacking mode. If the door is not opened within 8 sec, the mode is exit.
b. Close the door to start the 30 seconds countdown. The LED flashes quickly.
c. When the 30 sec is up, siren will chirp every 2 sec. After 20 seconds, siren continuously, also parking lights will continuously flash. Siren will stop to sound & parking lights will stop to flash as long as the ignition turn OFF. After ignition is OFF, engine disables to start again (if interrupt (NC) relay connected).
d. Disarm the anti car-hijacking: Press button 3 for two seconds. The parking lights will flash once for confirmation.

2-STAGE SHOCK SENSOR

a. If car is lightly vibrated once, siren will sound for 5 chirps. If the car is vibrated again within 8 seconds, siren will sound and parking lights, dome light flash for 30 seconds.
b. If car receives a heavy shock, siren will sound for 30 seconds and parking lights, dome light will flash for 30 seconds

OPEN TRUNK OR ENGINE STARTER

a. Press 2+3 (with 0.5 sec 300mA negative output) to open trunk or connect to engine starter module to start engine.
b. The trunk trigger, current sensor, shock sensor are bypassed till the trunk is closed. After 4 sec, the system is in arm mode again.

DOOR LOCK CONTROL

a. While driving: press button 1 to lock doors. The doors can be locked.
b. Press button 2 to unlock doors. The doors can be unlocked.

AUTOMATIC REARMING (SEE FUNCTION SELECTION 10)

After disarming, the system will be re-armed automatically or re-armed with door lock (See Function 11) after 30 sec if the ignition is not turned ON or the door is not opened.

LAST DOOR ARMING (SEE FUNCTION SELECTION 8)

a. Turn ignition OFF and close the last door. After 30sec, the system will arm automatically or arm with door lock automatically (See Function Selection 9) or arm with ACC/FULL (See Function Selection 16).
b. If one of the doors is opened during the above 30sec, the system will postpone the arming till the last door is closed.

MEMORY FUNCTION

The alarm will memory the condition although the power is cut off.

OTHER TRIGGER SENSOR

Other trigger sensor can be added which input is negative signal.

DISABLE ENGINE STARTER

When arm, there's a 300mA negative output to disable engine, which has to be connected a NC relay

AUTO RE-ARM (SEE SELECTION 10)
Siren sounds 30 sec upon triggering. Then, the system goes back arming again.

AUTO ARM AFTER TRIGERRING
Siren sounds 30 sec upon triggering. Then, the system will return arming mode again. If the triggering signal exists still, the system will bypass this zone till it returns to normal status.

PARKING LIGHTS EMERGENCY FLASH
In armed mode, parking lights and dome light will flash for 30 seconds if triggered.

SIREN EMERGENCY SOUND
In armed mode, siren or car horn (See Function Selection 15) will sound for 30 seconds if triggered.

FUNCTION SELECTION
The function selection is programmable. Please follow the procedure.
a. Disarm the system.
b. Turn ignition from OFF to ON.
c. Press Valet switch 7 times within 10 sec.
d. Turn ignition OFF, then the LED will flash once per sec.
e. Press the switch the function numbers you would like to change within 20sec. Each press will have one siren chirp for pressing confirmation. For entering 10 as a short cut, please press and hold switch for 3 sec, then siren chirp twice for confirmation.
   For example to enter 13, you can press and hold switch for 3 sec once, and hear two chirps. Then, press switch three times with three chirps.
   For example to enter 25, you can press and hold switch for 3 sec once, and hear two chirps. Then, again press and hold switch for 3 sec once, and hear two chirps. Then, press switch one by one 5 times. And, you'll hear 5 chirps totally.
f. Then, turn ignition from ON to OFF. You'll hear the siren chirp to indicate the current status. Then, the system allows you to enter another selection like return to step d.
g. Once finish the programming, turn ignition ON and press switch one time. The system will exit the programming mode.

Example:
To turn Arm/Disarm with chirp OFF under ON status, press switch 6 times after step a-d. Every press will have every chirp. You need to finish the procedure within 20 sec. Then, turn ignition ON, you'll hear two chirps which indicates the status is OFF now. Then, the system should allow you to enter another function programming.

	PRE SET VALUE (1 CHIRP)	VARIABLE SET-UP (2 CHIRPS)
1. LOCK/UNLOCK TIMER	0.5 SEC	3.5 SEC
2. UNLOCK PULSE	1	2
3. SECOND UNLOCK	BOTH	SECOND UNLOCK
4. IGNITION ON WITH DOOR LOCK	ON	OFF
5. SILENT ARM WITH SHOCSENSOR	ON	OFF
6. ARM/DISARM WITH CHIRP	ON	OFF
7. ANTI-CARJACKING	ON	OFF
8. LAST DOOR ARMING	ON	OFF
9. LASTDOOR ARMING WITH LOCK	OFF	ON
10. AUTO RE-ARM	ON	OFF
11. AUTO RE-ARM WITH LOCK	OFF	ON
12. VALET	ON	OFF
15. SOUND	CONTINUOUS SOUNDING	SOUND 1S THEN BREAK 1S
16. LAST DOOR ARMING ACC/FULL	FULL	ACC
25. DEFAULT	YES	

1. Lock/Unlock Timer
Pre-set: After press arm/disarm, the door is locked/unlocked after 0.5 sec.
Variable: After press arm/disarm, the door is locked/unlocked after 3.5 sec.

2. Unlock pulse
Pre-set: 1 pulse
Variable: 2 pulses

3. Second unlock
Pre-set: unlock at same time.
Variable: second unlock

4. Ignition ON with door lock
Pre-set: When the ignition is turned from OFF to ON, doors will be locked after 20 sec.
Variable: When the ignition is turned from OFF to ON, door will be not locked.

5. Silent arm with Shock Sensor
Pre-set: When in silent arming, shock sensor will work normally.
Variable: When in silent arming, shock sensor will not work.

6. Arm/Disarm with Chirp
Pre-set: Arm/Disarm will have chirp indication.
Variable: Arm/Disarm will not have chirp indication.

7. Anti Car-hijacking
Pre-set: Follow procedures to enter anti car-hijacking mode.
Variable: Delete anti car-hijacking feature.

8. Last Door arming

Pre-set: Turn ignition OFF and close the last door. After 30sec, the system will arm itself.
Variable: Delete this feature.

9. Last Door arming with Door Lock
Pre-set: Delete this feature.
Variable: this feature exists.
PS. This feature has to be selected under the Last door arming function is selected ON.

10. Auto Re-arm
Pre-set: this feature exists.
Variable: Delete this feature.

11. Auto Re-arm with lock
Pre-set: Delete this feature
Variable: this feature exists.
PS. This feature has to be selected under the Auto Re-arm function is selected ON.

12. Valet
Pre-set: follow the procedure to enter Valet mode.
Variable: delete this feature.

15. Sound
Pre-set: In emergency, siren continues sounding (if connected)
Variable: The output is to sound for 1 sec, then break for 1 sec. Repeat the cycle for 30 secs.

16. Last Door Arming ACC/FULL
Pre-set: Last door arming with all sensors could activate alarm.
Variable: Last door arming with only ignition activate alarm.

25. Default
Pre-set: Return to the factory set-up.

Notice :

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

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.

REV: A

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