



Portman Security System International Co., Ltd.

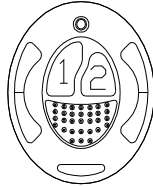
CAR ALARM AM-376

REMOTE CONTROL

Button	Step	Functions	Conditions
1	Press one time	a. arm/disarm and lock/unlock doors	a. ACC OFF
	Press one time	b. lock/unlock doors	b. ACC ON
	Press one time	c. temporarily stop alarm	c. Alarm is sounding
	Press second time within 2 sec	d. second unlock	d. After driver's door unlocked
	Press and hold 2 sec	e. Silent arming	
2	Press one time	a. Silent car finder	a. Armed
	Press once then open door within 8 sec	b. Anti-carjacking	b. ACC ON
	Press and hold 2 sec	c. Turn off anti-carjacking	c. ACC ON
	Press and hold 2 sec	d. Trunk lease	d. Alarm is disarmed & ACC OFF
1+2	Press 1 and 2 together	a. Panic	a. Anytime

Note: 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

A. CODE LEARNING

- Turn ACC ON, press Valet Switch 10 times within 8 seconds. Siren will chirp 3 times to enter code learning mode. Then press any button on the remote control within 8 seconds.
- Siren will chirp once for first transmitter learned. Twice for second. Three times for third.
- If a new transmitter is to be programmed, all existing transmitters must be reprogrammed at the same time. The system allows up to 3 transmitters maximum.

Warning: If one of transmitters is lost, you must re-program all the other transmitters.

B. EMERGENCY DISARMING - OVERRIDE

- In armed mode and transmitter failed or lost: turn ACC ON.
- Press valet switch 5 times within 8 sec., siren will chirp 4 times at the eighth second as indication. The alarm is then disarmed. This process must be finished within 8 seconds.

C. ARMING

- Press button 1.
- Siren will chirp once (see function selection 8).
- Door will lock at 0.5sec or 3.5 sec (see function selection 1).
- Parking light will flash once. *If door not closed properly the system will by-pass it, in this case, siren will chirp 5 times and parking lights will flash 5 times and LED will blink rapidly as indication.
- LED will flash slowly.
- Disables engine starter (if relay connected).
- After 3 seconds, alarm is armed. If the alarm is triggered within 3 sec, the circuit will be by-passed, and then alarm will rearm automatically.

D. DISARMING

- Press button 1.
- Siren will chirp 3 times (see function selection 8). If under silent mode, the parking lights will flash but without siren sound.
- Doors will unlock at 0.5sec or 3.5sec (see function selection 1).
- Parking lights will flash 3 times. * When siren chirp 4 times it means the system has been triggered during arming state.
- LED blinks rapidly and system will rearm in conditions if auto rearming selected. (see function selection 2)
- Enables engine starter (if starter kill relay connected).

E. SILENT ARMING

- Press and hold button 1 for 2 sec.
- Parking lights will flash once.
- Doors will lock at 0.5sec or 3.5sec (see function selection 1).
- LED will blink slowly.
- *When door not closed properly, siren will chirp 5 times, parking lights will flash 5 times and LED blink rapidly.
- Disables engine starter (if starter kill relay connected).
- In silent arming mode, if the car is lightly shaken, the shock sensor or microwave sensor will not trigger the siren, only parking lights flash twice. But if the car was heavily shaken, the siren will sound and parking lights flash for 30 seconds.
- After 3 seconds, alarm is armed. If the alarm is triggered within 3 sec, the circuit will be by-passed, and then alarm will rearm automatically.

F. PANIC

- Press button 1+2, the siren will sound and parking lights will flash for 30 sec.
- Press button 1 or 2 to stop panic.

G. CAR FINDER

- Alarm is armed and press button 2, parking lights will flash 8 sec.
- Press button 2 again to exit car finder.

H. ANTI-CARJACKING (SEE FUNCTION SELECTION 4)

- When ACC is in ON position and the doors are closed, press button 2 and open door within 8 sec. Anti-carjacking mode is activated.
- After door closed, system starts countdown and LED blink rapidly.
- After 30 seconds, siren will chirp once every 2 sec. After 20 sec, then sounds continuously. Also, parking lights will continuously flash. Siren will stop sounding & parking lights will stop flashing when ACC OFF. After ACC OFF, engine starter will be disabled (if starter kill relay connected).
- To exit the anti-carjacking mode: press button 2 for over 2 sec. when ACC ON. Then parking lights will flash once as confirmation.

I. VALET MODE

- When ACC ON, press and hold valet switch for 3 sec. within 8 seconds.
- After 8 sec., system will enter VALET mode and LED will be constantly ON even ACC OFF.
- When ACC OFF, button 1 will control lock/unlock doors. Siren will chirp twice and parking lights will flash twice to indicate door locking, chirp three times and flash three times to indicate door unlocking.
- To exit valet mode: when ACC ON, press and hold valet switch for 3 sec., LED will be OFF and system exits valet mode after 8 seconds.

NOTE: In Valet Mode, system will not be able to enter arming status. The remote control and other servicing features remain working.

M. Pager Output (+) 5A

Optional: pager output to notify driver when the system is triggered.

N. LED INDICATIONS

- When alarm armed, LED will flash slowly once per sec.
- When alarm triggered, LED will constantly flash quickly.
- LED will flash quickly when in countdown.
- In valet mode, LED is constantly on.

O. TWO STAGE SHOCK SENSOR

- When car is lightly shaken, siren will chirp twice and parking lights will flash twice to pre-warn. (In silent arming, only flashing.)
- If car is heavily shaken, siren will sound and parking lights will flash for 30 sec.

P. MEMORY FUNCTION

The system will memorize the condition before the power is cut off.

Q. TRUNK RELEASE

In disarm & ACC OFF mode: press and hold button 2 for 2 sec. to send out a positive 6A signal for 1 sec. to open trunk.

R. OTHER TRIGGER SENSOR

Other trigger sensor source can be added as optional, such as Microwave sensor, Ultrasonic sensor, Glass Breakage sensor, etc.

NOTES: in any case once the ultrasonic sensor was triggered, the siren will sound and parking lights flash for 30 seconds immediately.

S. TEMPORARY SUSPENSION OF SIREN

If siren is being triggered, press button 1 or 2 to stop siren from sounding and the system remain armed.

T. NOISE POLLUTION PROTECTION

- In arming: If system constantly triggered, siren will only sound 30 sec.
- System will bypass the trigger zone and remains in arming status.
- The trigger zone will back to activate after stable for 3 sec.

U. FUNCTION SELECTION

The function selections are to be made with following procedure.

- Disarm the system.
- Turn ignition from OFF to ON.
- Press Valet switch 7 times within 8 sec. Siren will chirp once at the eighth second.
- Turn ignition OFF then the LED flash once per sec.
- Press the switch (siren will chirp once when press valet switch once) with the function numbers you would like select within 30 sec. Turn ignition from OFF to ON, siren will chirp once or twice to indicate the setting. Turn ignition from ON to OFF.
- Then, the system will allow you to enter another selection; return to step d.
- Once finish the programming, turn ignition ON or over 20 seconds. The system will exit the programming mode.

	FUNCTION SELECTION	PRESET (1 chirp)	VARIABLE (2 chirps)
1	LOCK/UNLOCK TIMER	0.5 SEC	3.5 SEC
2	AUTO REARMING	YES	NO
3	DOOR LOCK/UNLOCK WITH FOOT BRAKE	YES	NO
4	ANTI-CARJACKING	YES	NO
5	REMINDER CHIRP	YES	NO
6	DOOR OPEN WARNING	YES	NO
7	SECOND UNLOCK	YES	NO
8	ARM/DISARM CHIRP	YES	NO
10	DEFAULT	YES	**

1. LOCK/UNLOCK TIMER (SEE FUNCTION SELECTION 1)

Selecting according to the car requirement.

2. AUTO REARMING (SEE FUNCTION SELECTION 2)

When alarm is disarmed, if ACC is not switched to ON position / doors not opened, after 30 sec it will be automatically rearmed.

3. DOOR LOCK/UNLOCK CONTROL WITH FOOT BRAKE (SEE FUNCTION SELECTION 3)

When ACC ON, doors will automatically be locked upon second foot brake. Turn ignition OFF, doors will be unlocked.

4. ANTI-CARJACKING

The factory setting is ON.

5. REMINDER CHIRP (SEE FUNCTION SELECTION 5)

When ACC OFF and last door is closed, after 10 sec., if system is not armed, siren will chirp twice to remind you for arming.

6. DOOR OPEN WARNING (SEE FUNCTION SELECTION 6)

- ACC ON: If door is opened, parking lights will flash for warning. (1 min max.)
- When door is closed, flashing stops.

7. SECOND UNLOCK OUTPUT (-) 300mA (SEE FUNCTION SELECTION 7)

Press button 1 to unlock the driver's door, then press button 1 again within 2 sec. to unlock the passenger doors. Additional relay will be necessary for connection.

8. ARM/DISARM CHIRP (SEE FUNCTION SELECTION 8)

The factory setting is ON.

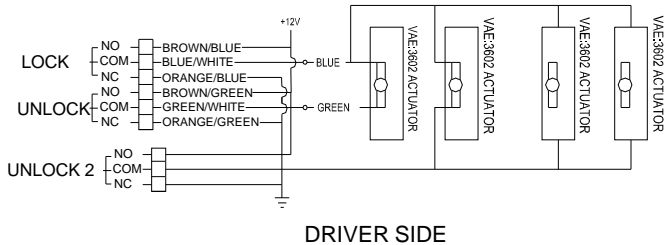
9. DEFAULT (SEE FUNCTION SELECTION 10)

Reset all selective features to their factory value.

REV: A

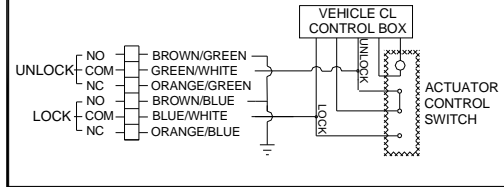
CENTRAL LOCKING INTERFACE CONNECTIONS

(1) FOR VEHICLES WITHOUT DRIVER SIDE LOCKING MOTOR

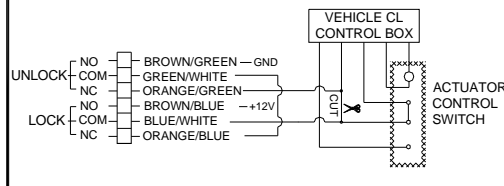


DRIVER SIDE

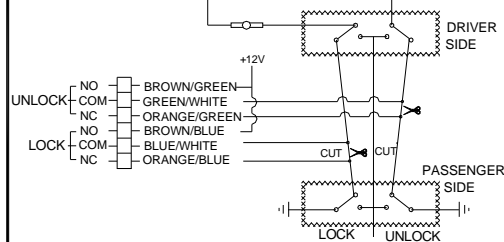
(2) FOR VEHICLES WITH NEGATIVE CENTRAL LOCKING (REF DRAWING BELOW)
NOTE : WHEN THE VEHICLE IS WITH POSITIVE CENTRAL LOCKING,
CONNECT BROWN/BLUE AND BROWN/GREEN WIRES TO +12V



(3) FOR VEHICLES WITH POSITIVE UNLOCKING AND NEGATIVE LOCK SIGNAL
(REF DRAWING BELOW) NOTE : WHEN THE VEHICLE IS WITH NEGATIVE UNLOCK
AND POSITIVE LOCK SWITCH BROWN/BLUE TO +12V AND BROWN/GREEN TO GROUND



(4) FOR VEHICLE WITH DIRECT SWITCHING CENTRAL LOCKING



INSTALLATION GUIDE

MODEL:AM376

