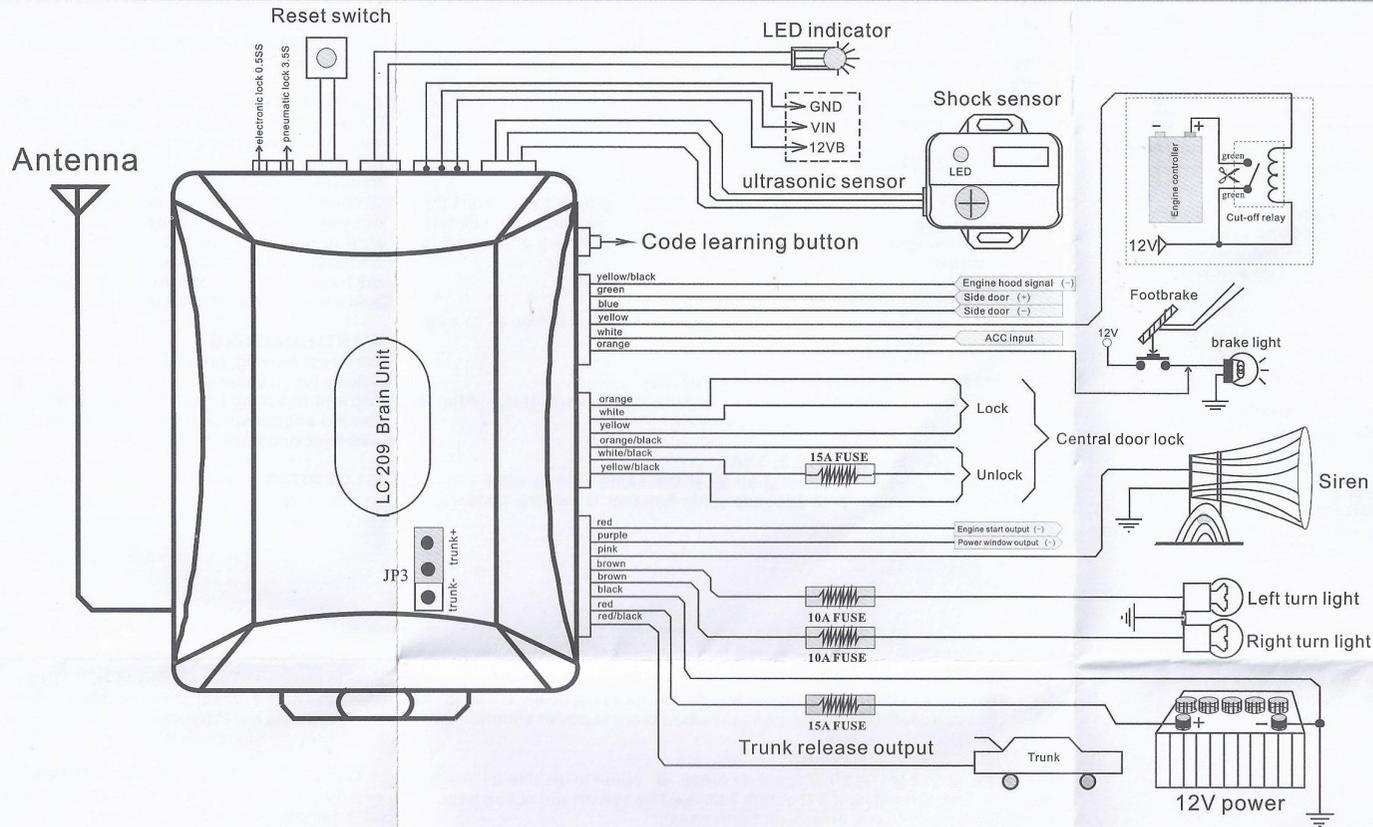


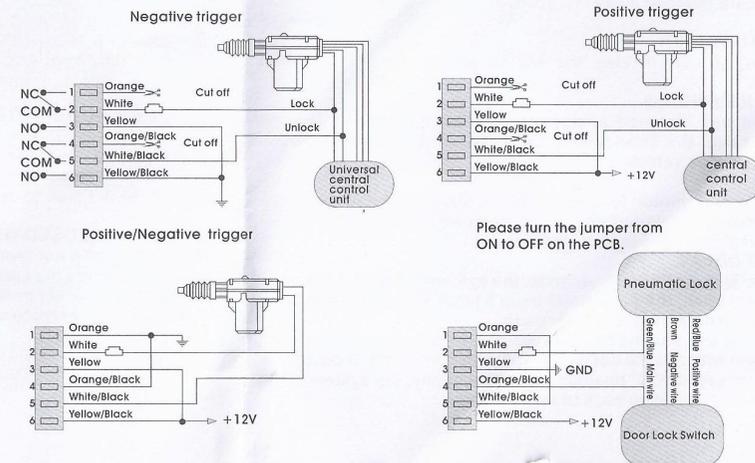
# Wiring Diagram



## TECHNICAL DATA

1. Product description: one way car alarm system
2. MODEL No. LC209-A1
3. Working Voltage: 9-15V
4. Working Current: central door lock: 10A  
Siren: 10A  
Flash light: 10A  
Trunk: 10A  
power window: -250A  
Engine off: -250MA
5. Static Current: disarm mode:  $\leq 14\text{MA}$   
Arm mode:  $\leq 15\text{mA}$
6. Working Frequency: 433.92 MHz  $\pm$  -400KHZ
7. Remote range:  $\geq 100, 100\text{m}$
8. Working temperature: -40 -- +85

## Central Door Lock Wiring Diagram



# Car Alarm

## User Manual

LC209-A1



### Transmitter button functions:

Arm	Disarm	Silent(Mute)	Locating&Help	Trunk release

#### A. Arm

Press the button on the transmitter once, the siren would chirp once, the flash lights would gleam once, the central door locking system would lock up automatically, the power window would roll up automatically. After 8 seconds, LED indicator will blink and system enters into arm status.

#### DISARM

① Press the button once to disarm the system, the parking light will blink twice and siren will chirp twice, the door will be unlocked. Upon system disarmed, if you don't open the car door within 30 seconds the system will be in arm automatically.

② Keep pressing the button for 2 seconds to release the trunk.

③ Press the button for 2 seconds will also release the trunk.

#### MUTE ARM

Press the button to mute arm the system without chirping of the siren, and parking light will blink once, the door will be locked and power window will be also closed, the LED will blink. The system will alarm if there is any shock triggering in 8 seconds after system armed.

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② In silent arm status, press the button about 2 seconds to locate the car without siren chirping, the parking light will blink 15 times.

#### 9. REARM

When system disarmed, if you don't open the car door within 30 seconds, it will revert to system armed status.

#### 10. LED STATUS INDICATOR

① System armed: LED blinking.

② Alarming: LED keep on

#### 11. Shock sensor and microwave sensor detecting

If any parts of the car were touched or hit, the system will alarm immediately to scare the thief away.

#### 12. ENGINE IMMOBILIZED

With an extra engine cut off relay, the engine will be immobilized when system alarming.

#### 13. INTRUDING REMINDING

In arm status, if it was triggered by door opening/engine starting or hood opening, when disarm, the siren would chirp 5 sounds to remind maybe there is somebody in the vehicle.

#### 14. OVERTAKE

When driving, press button for 2 seconds to overtake the car, the siren will emit 15 seconds continuously chirping, accompany with 15 seconds flashing of car lamp. Press the button again to stop

#### 15. DOME LIGHT DELAY

① Press the to arm, and after 8 seconds, the system will detect the door signal, if the door is open, the system will beep 3 times to remind, and the system will delay the detecting for 55 seconds.

② Press the to disarm and the door is open at the same time in 1 second, the system will take the car as the one with dome light; If owner doesn't turn the car key to "ON" position after 55 seconds, the system will regard it as false disarm and go back to arm status.

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#### CAR FINDING

① In arm status, press the button about 2 seconds to locate the car, the parking light will blink 15 seconds and siren will chirp 15 sounds. Press the button once again to stop the finding and revert to system armed status.

② In arm status, press the button about 2 seconds to locate the car without siren chirping, the parking light will blink 10 seconds. Press the button again will stop the locating and revert to system armed status.

③ Anytime, press the button once to locate the car, the parking light will blink 15 seconds and siren will chirp 15 sounds.

#### FEATURE FUNCTION

##### 1. ARM/ALERT

In arm status, if anyone want to open the door, engine hood or start the engine by force, the system will alarm loudly for 60 seconds with turn signal flashing and engine cut off, then it will stop alarming and revert to the arm status as before.

##### 2. SIREN PAUSE

The siren would chirp loudly while triggered, press the button to stop chirping while the system is still in arm

##### 3. ULTRASONIC SENSOR (OPTIONAL PARTS)

Press the button or once, the system will enter into arm status; After 6 seconds, the ultrasonic sensor starts working.

##### 4. START ENGINE NEGATIVE SIGNAL

In arm status, press the button and at the same time to start engine negative signal output for 3 seconds. (This function is service for engine start mould)

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#### 16. POWER OFF MEMORY

In system armed status, if the power supply had been cut down, it will go back system armed status automatically when there is power supply.

#### 17. SHOCK SENSOR BYPASS

Press the to arm, and in 5 seconds press again to disable all sensors; The parking light will gleam 3 times. The sensor will not be back to normal work until you disarm and arm again.

#### 18. EMERGENCY DISARM

In arm status, if the remote lost or damaged, please disarm the system as below:

① Turn car key to "ACC ON" position and press the reset switch, the siren will chirp twice with turn signal flashing twice to disarm.

② Turn car key from ACC OFF to ACC ON for 10 times, the siren will chirp twice with turn signal flashing twice to disarm.

#### 19. ENGINE HOOD DETECTING

① In arm status, any hitting of engine hood will trigger the system alarming for 60 seconds.

② If the engine hood were not closed, when you set arm, the siren would chirp 4 times to remind and alarm after 30 seconds.

#### 20. DOOR UNCLOSED WELL WARNING (PROGRAMMABLE)

① If the car door is not properly closed, the parking light will blink for 30 seconds to remind the coming and going vehicle

② If the car door is not properly closed and ACC ON, the parking lights will keep blinking as warning until car door closed properly.

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#### 5. Trigger identify function ( shock sensor)

① In arm status, if there is any light hitting to the car, the siren will chirp 10 times and parking lights will blink 10 times, the engine will be immobilized

② In arm status, if there is any heavy hitting, the siren will chirp intermittently 60 seconds, the parking light will blink, and the engine will be immobilized.

#### 6. AUTOMATIC CENTRAL LOCKING (PROGRAMMABLE)

① When driving, press lock or unlock button will lock or unlock the car door without system armed or disarmed.

② When all car doors closed properly and ACC ON then step on the footbrake will lock the car door.

③ When parked, turn the car key to ACC Off and take it away, the central door will be unlocked for the passenger get off

How to program: Turn the ignition key to ON position then press the lock button for 2 seconds, and siren will emit two beeps to acknowledge that the function is on. Press the button again; siren will emit one beep sound to acknowledge the function is off. (Only for the ② point)

#### 7. ANTI HIJACKING

When car moving, press the button once, the parking light will blink quickly for 30 seconds. Then at this moment press the button once enter into anti-hijacking mode. The siren will chirp and parking lights will blink and the engine will be immobilized in 40 seconds. Press the ton cancels anti-hijacking facton.

#### 8. LOCATING

① In arm status, press the button about 2 seconds to locate the car, the parking light will blink 15 seconds and siren will chirp 15 sounds.

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How to program: Turn car key to ACC ON position and step on the footbrake, press the button for 2 seconds, the siren will emit two sounds to confirm the function is on. Press the button again; the siren will emit one beep sound to confirm the function is off.

#### ※ ELECTRICAL/PNEUMATIC LOCKING

The default setting is electrical locking, and its output time is 0.5 seconds (JP1 jumper in the 0.5S position). And central locking output time is 3.5 seconds for pneumatic locking (JP1 jumper in 3.5S position)

#### ※ Trunk Negative/Positive program

The factory setting is trunk release Positive output. When Jumper JP3 is in "+" positive, it means trunk output is positive, If JP3 jumper is "-", it means trunk output is negative.

#### CODE LEARNING

##### There are 2 method to learn a new remote

① Insert the car key and turn to "ACC ON" position, then press the reset switch for 5 seconds, the siren will chirp once and turn signal light on. Press any button of the transmitter until the siren beep once which means the code learning successful; then press other transmitters to code learning. When code learning finished, the turn signal will turn off. Max. 4 transmitters can learn code.

② When the system in disarmed status, keep pressing the code learning button on the main unit for 1 second, the siren beeps once and turn signals light on; Press any button of the transmitter and the siren will beep once which means the code learning successful; Then the second, the third and forth transmitter. When code learning finished, the turn signal will go out. Max. 4 transmitters can learn code.

Note: In learning code mode, there will be 10s stand by time for you to learn code, if no operation within 10s, the system will quit the learning code status automatically. The old code will be cleared when you learn the new code, you need to learn the code with the old transmitters.

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