

MEGALARM®

MEGA 250

4-CHANNEL REMOTE ENGINE STARTER
AND KEYLESS ENTRY SYSTEM

Operation Manual



MEGATRONIX
CALIFORNIA, U.S.A.

WARNINGS:

As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of before using device.

1. Keep the transmitter out of reach of children.
2. Do not leave anyone in the vehicle while running on remote start.
3. Alert servicing personnel that the vehicle is equipped with a remote start system.
4. Do not start the vehicle by remote while it is in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. Vehicle windows should be rolled up before vehicle is remote started.
7. If the unit malfunctions, disconnect the remote start fuse until the problem is resolved.
8. Use and operation of this system is the sole responsibility of the vehicle owner or operator.
9. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.

OPERATION:

A. REGULAR TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
	Lock Doors & Arm System	
(3-second)	Panic function	Press and Hold for 3 seconds
	Unlock Doors & Disarm System	
-	Two Steps Door Unlock & Disarm System	Press twice within 3 seconds
+	Silent Doors Lock / Unlock	
(2-second)	Channel 3 (Trunk) Timer Control	Press and Hold for 2 seconds
-	Car Locator	
+	Channel 4 Control Output	
* - *	Activate or Turn Off The Remote Start	Press twice within 3 seconds
	Switching code For 2nd Car Operation or Garage Door Opener	

B. LED display:

LED	Function
Off	Disarmed
Slow flash	Armed
On (solid)	Valet Mode

C. CHIRP INDICATORS:

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarm
6 Chirps	Car Locator

D. PARKING LIGHT:

Parking light	Function
1 Flash	Arm
2 Flashes	Disarm
12 Flashes	Car Locator
Constant On	Under Remote Start

E. ALARM OPERATING CONDITION:

	Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 Chirps	2 Flashes	Off	Unlocking		Turns on 30 seconds
3. Panic	Alarming	Flashes				Flashes
4. Car Locator	6 Chirps	12 Flashes				

F. ACTIVE LOCK & ARM:

1. Press button on the transmitter.
2. The horn will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.


SILENT ARMING / DISARMING: Press and buttons at the same time on the transmitter will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

G. ACTIVE UNLOCK & DISARM:

1. Press button on the transmitter.

2. The horn will chirp twice and parking light will flash twice to indicating that the security system is now disarmed. The vehicle doors will unlock and dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

PATHWAY ILLUMINATION (See Alarm Feature “I - 2” Programming): This feature turns the parking light “ON” for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal.

TWO STEPS DOOR UNLOCK This feature will independently unlock the driver's door only when disarming the security system. Pushing the  button a second time within 3 seconds will unlock the entire vehicle.

H. DISARMING WITHOUT A TRANSMITTER

The Override function may be used if the remote transmitter is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to 'ON' position.
2. Within 10 seconds push and release the valet switch

The alarm will enter the disarm mode. You can now start and operate the vehicle normally.

I. VALET MODE: (System in Disarm or Valet mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function and remote start function are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual override sequence.

Enter Valet Mode:









1. From the disarmed condition, turn the ignition to “ON” position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

Exit Valet Mode:

1. Return to normal operation, turn ignition 'on'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicate the system are exiting the valet mode.

J. PANIC FUNCTION:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency.

1. Press and hold the  button for 3 seconds. The alarm will immediately sound.
2. During panic mode, the normal function of this transmitter button will be suspended. The  and  buttons can be used to lock and unlock the doors (if the option is installed), however once the  button is pressed, the vehicle's starter disable device, (where installed) will be enable allowing the vehicle to start.
3. To stop the alarm, press and hold  or  button on the transmitter again for 3 seconds. Also if any transmitter buttons other than  or  button is pressed and released, the panic mode will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

K. DOME LIGHT CONVENIENCE DELAY & SUPERVISION

The alarm with a unique feature which will turn on your vehicle dome light as following:


1. Upon disarming, the interior lights will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turn on the ignition switch or arm the alarm will turn off the dome light.



L. IGNITION CONTROL DOOR LOCKS. (See Alarm Feature II – 2 Programming).

If the vehicle's door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned “ON” and /or unlock the vehicle's doors when the ignition is turned “OFF”.


M. CHANNEL 3 (TRUNK RELEASE) OUTPUT

Press and hold  button on transmitter for two seconds to remote control the trunk release or other electric devices.

N. CHANNEL 4 OUTPUT (See Alarm Feature I – 4/5 Programming)



Press  and  buttons at the same time to remote control the optional electrical device. The device will 'on' when the button(s) press continuously, and 'off' when the button(s) released.

O. CAR LOCATOR

Press  button twice with 3 seconds to active car locator function. The horn will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

P. SECOND VEHICLE OPERATION


Your 5-button remote transmitter can be utilized to control a 2nd vehicle keyless entry system. To program the remote control transmitter to a 2nd vehicle, follow the instruction for Transmitter programming. All programming parameters be the same except for the following:

1. Prior to pushing any buttons on the transmitter. Press the  button 1st on the transmitter.
2. Once the  is pressed the LED on the transmitter will illuminate for 3.5 sec. to indicate the 2nd transmitter pin code has built in.

REMOTE START OPERATION:

A. TO REMOTE START THE VEHICLE:

When you want to start your vehicle,


1. Press  button twice on the transmitter.
2. The parking light will activate to indicate the remote start received the signal.
3. The engine will start approximately 5 seconds.
4. Once the engine is running, after couple seconds the parking light will turn on again and climate controls will activate and adjust the vehicles interior temperature to your preset setting.
5. The vehicle will run for 5 to 30 minute cycle and automatically shut down.

NOTE:

The Remote Start Unit will not start the vehicle if any one of the following conditions exists:

1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to OFF position. (If installed)
4. The gear selector is in any gear other then "PARK" or "NEUTRAL"


SAFE START (Child safety mode) (See Start Feature 1 – 5 Programming.)

Factory defaults setting to press the  button twice on the transmitter to start the vehicle. Programming this feature to eliminate an accidental remote start, when kids enter this transmitter, it enquires:

The user presses the transmitter  and  buttons at the same time to start the vehicle.

B. TO TURN OFF THE REMOTE START:

When the engine is running (by remote start), if you want to stop it,

1. Press  button twice on the transmitter
2. Move the optional remote start enable toggle switch to OFF position. (If installed)
3. Press the brake pedal

The vehicle will shut down and turn off the parking light to indicate engine stopped.

C. TO OPERATE THE VEHICLE WHILE RUNNING ON THE REMOTE START:


To operate the vehicle while running on the remote start.

1. Insert the ignition key and turn it to "ON" (not the start) position.
2. Press the brake pedal.

Note: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

D. TEMPORARY STOP FEATURE:



This feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate control on.

1. Before turning off the engine, press  button twice on the transmitter and the LED indicator will flash 3 times to confirm enter.
2. Turn the ignition key to OFF position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapsed or shutdown input is received.

E. TURBO TIMER MODE: (See Start Feature "1 - 6" Programming)

Turbo timer mode keeps the engine running after arriving at you destination for a programmable period of 1/ 3 or 5 minutes, This allows the system's time to conveniently cool down the turbo after you have left the vehicle. To activate:

1. While engine is running, place the transmission gear in the park position and pull up the hand brake.

2. Before turning off the engine, press and release  and  buttons at the same time.
-- The parking light will turn on to indicate the remote start has entered turbo charge mode. --
3. Pull off the "Ignition Key" from the key cylinder.
-- Engine keeps running. --
4. **Exit and secure the vehicle.**
-- **Engine continues running until the pre-programmed time elapsed. --**




F. TIMER START:

This unit can be programmed to start and run the engine every 3 (2) hours. The engine will run for the programmed run time and then shut down.

IMPORTANT: Timer Start should be used only in open areas, never start and run the vehicle in an enclosed space as a garage or carport.

3 (2) hours timer start: This feature is designed for an extreme cold climate usage. The system will auto start the vehicle every 3 (2) hours, to prevent engine freezing and hard to start. A **MAXIMUM OF SIX CYCLES CAN OCCUR.**

ENTER:




1. Press  button twice to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress  button once, within 2 seconds
3. Rapidly depresses  button. The parking light will flash (3) times. The siren or horn chirps (3) times. The vehicle is now programmed to start every 3 (2) hours.
4. Press the brake pedal to stop the vehicle running.

Exit the timer start:

Timer start can be exited manually as follows:


1. Make sure the remote start system is not operating the engine.
2. Turn the ignition on. The LED and parking light will flash (4) times. The siren or horn chirps (4) times.

Or

1. Press  button twice to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress  button then press and hold  button for 2 seconds. The parking light will flash (4) times. The siren or horn chirps (4) times. The vehicle is no longer programmed to start automatically.

G. SHUT-DOWN INPUT FOR REMOTE STARTER:

If any of the following conditions exist while the system is operating, the engine will not start or will shut down immediately:

1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to OFF position. (If installed)
4. Engine is over-revved. {"Tachometer checking type" only}
5. The pre-programmed run time (5 / 10 / 20 / 30 minutes) has elapsed.
6. Press  button twice on the transmitter.
7. The vehicle refused to start running after {3} unsuccessful attempts.

H. DISABLING THE REMOTE START SYSTEM: (If installed)

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the OFF position.

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.

