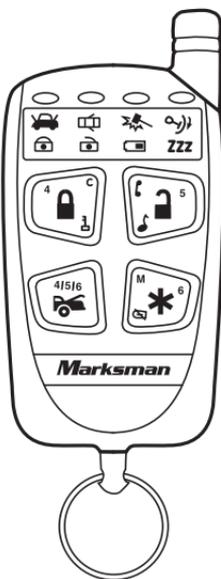




User's Manual



Model: M8a

For Technical Assistance, please call (800) 638-3600,
or visit www.magnadyne.com

Congratulations on your purchase of a quality Marksman automotive security and remote start system. Marksman security products have been designed to provide the consumer with a technologically superior product with years of trouble free operation. The information enclosed will provide a ready reference of the operation and maintenance of your new Marksman security and remote start system.

WARNINGS

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

1. Keep the transmitter out of children's reach.
2. Do not leave anyone in the vehicle while running on remote control.
3. Alert servicing personnel that the vehicle can be started automatically.
4. Do not start the vehicle by remote while it's in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. The vehicle windows must be rolled up.
7. Should the unit malfunction, disconnect the fuse until the problem is corrected.
8. The use and operations of this system is the sole responsibility of the operator.
9. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.

Standard Remote Transmitter Operation

Transmitter Button	System Function	Remark
	Lock Doors & Arm System	
-	Arm and Delete the 2 Stage Shock Sensor	Press Twice within 3 Seconds
-	Arm System and Hidden Alarm Function	Press within 3 Seconds
	Car Locator	When System is Armed
(3 Second)	Panic Function	Press and Hold for 3 seconds
+	Silent Arming / Disarming	Ignition in "Off" Position
+ (2 Second)	Active Anti-Car Jacking Mode	Ignition in "On" Position Press and Hold for 2 seconds
	Unlock Doors & Disarm System	
-	Two Steps Door Unlock & Disarm System	Press Twice within 3 Seconds
(2 Second)	Trunk Release (Channel 3)	Press and Hold for 2 Seconds
-	Passive Arming By-pass	While the System is Disarmed
* - *	Activate or Turn Off The Remote Start	Press Twice within 3 Seconds
+	Channel # 4 Timer Output (4)	
+	Channel # 5 Timer Output (5)	
* +	Channel # 6 Timer Output (6)	
II	Switch Code for Second Car Control	

2-Way LED Remote Control Transceiver Operation Only

Transmitter Button	System Function	Remark
- ((2 Second)	Button Lock	Press within 3 Seconds and Hold Button for 2 Seconds
- - (C)	System's Status Check	Press within 3 Seconds
- ((2 Second)	Optional Driving Pager	Press within 3 Seconds
- ((2 Second)	Melody Sound On / Off	Press within 3 Seconds and Hold (Buttons for 2 Seconds
- * (M)	Last Trigger Memory Retrieval	Press within 3 Seconds
- * ((3 Second)	Power Save Mode	Press within 3 Seconds and Hold * (Buttons for 3 Seconds
- + (2 Second)	Switching Code for 2nd/1st Car Operation	Press within 3 Seconds and Hold and Buttons for Together for 2 Seconds

Note: The factory default setting at “Power Save Mode”, before operation the 2-way LED remote control transmitter, press the  button first, within 3 seconds press and hold the * () button for 3 seconds, with two beeping sound to indicate exit the “Power Save Mode” and all remote transmitter is on function.

Power Save Mode

The power save mode allows you to temporarily bypass all remote transmitter functions. While in power save mode, the LED remote transmitter uses no current in order to save the battery power, and the “beep” sound will always be muted .

Entry: Press the  button first, within 3 seconds press and hold the * () button for 3 seconds, with long beeping sound to indicate entry into the “Power Save Mode” and all remote transmitter functions will be temporarily bypassed.

Exit: Press the  button first, within 3 seconds press and hold the * () button for 3 seconds, with two beeping sound to indicate exit of the “Power Save Mode” and all remote transmitter functions return.

Button Lock

Button lock is useful if you want to temporarily disable the transmission function of the remote control to prevent any inadvertent pressing of buttons. Press the  button first, within 3 seconds press and hold the  button for 2 seconds to activate or cancel the “Button Lock” function. The “beep” sound is muted while buttons are pressed, and the LED will flash for a few seconds to show the remote control transmitter is in “Button Lock” mode.

Out of Range Indication: (Also See Installation Manual)

The system will automatically check the range every 20 minutes after being armed. If user is out of range, the transmitter will emit five short “Beep” sounds.

LED Display

LED	Function
Off	System is Disarmed
Slow Flash	System is Armed
Fast Flashing	System in Passive Arming
On Solid	System in Valet Mode
	Zone 1 - Warn Away Trigger
2 Flashes - Pause	Zone 2 - Trigger on Trunk/Hook
3 Flashes - Pause	Zone 3 - Trigger on Door Switch
4 Flashes - Pause	Zone 4 - Trigger on Shock Sensor
5 Flashes - Pause	Zone 5 - Trigger on Ignition Switch

Chirp Indicators

Chirp	Function
1 Chirp	System is Armed
2 Chirps	System is Disarmed
3 Chirps	Door Ajar Warning
4 Chirps	Disarm/Triggered
6 Chirps	Car Locator

Parking Lights

Chirp	Function
1 Flash	System is Armed
2 Flashes	System is Disarmed
3 Flashes	Disarmed/Triggered
12 Flashes	Car Locator
Constant On	Under Remote Start

Alarm Operating Condition

	Siren/Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disabled	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes		Unlocking		Turns on for 30 Seconds
3. Trigger	Alarming	Flashes	Slow Flash		Disabled	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car Jacking	Alarming	Flashes			Disabled	Flashes
6. Car Locator	6 Chirps	12 Flashes		Locking		

Active Arming (Lock and Arm)

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

Actions of the 2-Way LED Remote Control Transceiver

ARM	LED	Melody Sound
Arm	 LED turns on for 2 seconds	One Chirp
Arm and Hood / Trunk Ajar	 LED flash for 15 seconds	Three Chirps
Arm and Door Ajar	 LED flash for 15 seconds	Three Chirps

ajar Warning:

If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar (Depending on how your system is programmed, you will hear the chirps immediately or within 30 seconds).

Silent Arming/Disarming:

Press the transmitter  and  button at the same time to arm or disarm your security system. No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

Shock Sensor By-Pass:

Press the  button on the transmitter two times within 3 seconds to arm the security system and bypass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

Hidden Alarm Function:

Press the  button first, within 3 seconds press the  button to activate the hidden alarm function. The security system will arm with "Hidden Alarm Function". The siren / horn will be silenced even if the sensor is triggered in the armed status.

Passive Arming

Active arming / disarming is controls your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows:

1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all the vehicle's entrances are closed.
3. After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp 1 time and the parking lights will flash 1 time.

Passive Arming with Passive Door Locking: (See Installation Manual)

The vehicle doors will automatically lock after passive arming cycle has been completed.

Passive Arming By-Pass:

While the system is disarmed, press the  button twice, the security will respond with 1 chirp and the LED will turn "ON". The security system will remain in this temporary state for as long as you wish. Press the transmitter  or  button to exit passive bypass, and the system will return to normal status.

Active Disarming (Unlock and Disarm)

1. Press  button on the transmitter.
2. The siren will chirp twice and parking lights will flash twice to indicating that the security system is now disarmed. The vehicle's door will unlock and dome light turns on for 30 seconds upon disarming when interfaced with the security system.

Actions of the 2-Way LED Remote Control Transceiver

	LED	Melody Sound
Disarm	 LED turns on for 2 seconds	2 Chirps
Hood / Trunk Trigger	 LED flash for 15 seconds	4 Chirps
Door Trigger	 LED flash for 15 seconds	4 Chirps
Shock Sensor Trigger	 LED flash for 15 seconds	4 Chirps
Ignition Trigger	 LED flash for 15 seconds	4 Chirps

Tamper Disarming:

If the alarm is triggered upon disarming the system, the siren will chirp 4 times and the parking light flash 3 times.

Pathway Illumination: (See Installation Manual)

This feature turns the parking lights "ON" for 30 seconds upon a unlock signal, and for 10 seconds upon the lock signal.

Two Step Door Unlock: (See Installation Manual)

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 other doors.

Automatic Re-Arm: (See Installation Manual)

If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with the remote transmitter. Automatic rearm will cancel if any door is opened before the 60 second timer has elapsed.

Second Vehicle System Control

Standard 5-Button Transmitter

The transmitter supplied can operate a second system in another vehicle by repeating the following steps:

1. Press the  button one time prior to attempting control of the second vehicle system. The LED indicator on the transmitter will be on for 2 seconds.
2. Press the button on the transmitter to perform the function you want (arm/disarm, open the trunk, etc.). Each time you press the  button, you will have 2 seconds to activate one function.

2-Way LED Transmitter

Unlike the standard transmitter, the LED transmitter can be permanently switched over to control a second vehicle for any length of time by performing these steps:

1. Press and release the  button, then press the  and  buttons together and hold them for 2 seconds. The transmitter will beep 2 times, and the  and  LEDs will slowly flash.
2. Press the button that you want to control the second vehicle function. While in the 2nd car mode, each time you press a control button, the transmitter will beep 2 times indicating a second car function.
3. To return to primary vehicle control, repeat Step 1 above. The transmitter will beep 1 time to indicate that it is back to controlling the primary vehicle. When any function button on the transmitter is pressed, the transmitter will beep 1 time to indicate first car function control.

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 the "ON" position (alarm will sound).
2. Within 10 seconds push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

Valet Mode (System in Disarm or Valet Mode)

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

Enter Valet Mode:

1. From the disarmed mode, turn the ignition to the "ON" position.
2. Push and hold the 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. To return to normal operation, turn ignition "ON".
2. Push and hold valet switch for 2 seconds. The LED will turn off indicating the system is exiting the valet mode.

Actions of the 2-Way LED Remote Control Transceiver

	LED	Melody Sound
Remote Door Lock	Zzz LED turns on for 2 seconds	1 Chirp
Remote Door Unlock	Zzz LED turns on for 2 seconds	2 Chirps

Car Locator

When armed, press the  button to active car locator function. The siren will then chirp 6 times and the parking lights will flash 12 times.

Actions of the 2-Way LED Remote Control Transceiver Melody Sound

	Melody Sound
Car Locator	One "Activate" Melody Sound

Panic Function (Also See Installation Manual)

The transmitter can be used as a remote panic switch to manually trigger the alarm in case of 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 transmitter  and  buttons can be used to lock and unlock the door (if the option is installed). However, once the  button is pressed, the vehicle's starter disable device, (when installed) will enable the vehicle to start.
3. To stop the alarm, press and hold the transmitter  or  button again for 3 seconds. Also, if any transmitter button 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.

Trigger the System

When armed, your vehicle is protected as follows:

1. Light impact will trigger the warn-away signal.
2. Heavy Impacts / Doors Open / Hood Open / Trunk Open / Turning on the Ignition Key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights and dome light will turn on to alert of an intrusion for 30 seconds. Then it will stop and automatic reset and rearm. If any one of sensors or detectors are still active, the alarm system will sound a maximum of 6 times of 30 seconds cycles.

Actions of the 2-Way LED Remote Control Transceiver

	LED	Melody Sound
Hood / Trunk Trigger	 LED flash for 15 seconds	"Zone 2" Melody Sound for 10 seconds
Door Trigger	 LED flash for 15 seconds	"Zone 3" Melody Sound for 10 seconds
Warn-Away Trigger		One Warning Sound
Shock Sensor Trigger	 LED flash for 15 seconds	"Zone 4" Melody Sound for 10 seconds
Ignition Trigger	 LED flash for 15 seconds	"Zone 5" Melody Sound for 10 seconds

Noise Abatement Circuit:

The Noise Abatement Circuit prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental conditions such as thunder, airport noise, etc.

The alarm triggers 5 times. Each time, the same sensor / switch is triggering the alarm. The Noise Abatement Circuit will interpret this pattern of triggers as a false alarm. After the fifth trigger, the Noise Abatement Circuit ignores, or bypasses, that sensor / switch until the other sensor / switch is triggered.

The Noise Abatement Circuit covers doors (hood / trunk) differently: If the alarm is triggered by an open door for six full cycles, the doors will be bypassed until the trigger ceases.

Anti-Car Jacking

Warning: If you don't require the anti-car jacking function in this alarm system, be sure that it is set to "OFF". The default setting for anti-car jacking is "OFF" (See Installation Guide).

Active Anti-Car Jacking:

1. Press and hold the transmitter  and  button at the same time for 2 seconds while the vehicle's ignition is ON. The parking lights will turn on for 1.5 seconds to indicate the system has entered the anti-car jacking mode.
2. If you are forced from the vehicle while in the anti-car jacking mode, the system will be triggered when the door is opened and closed while the ignition is "ON".

Passive Anti-Car Jacking:

1. Turn the ignition switch to the "ON" position. The system will then enter the anti-car jacking mode.
2. Once in the anti-car jacking mode, and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

Trigger the Anti-Car Jacking Mode:

1. 50 seconds after the system has been triggered, the siren will start chirping for 15 seconds.
2. During this 15 second period of chirping, you will be alerted to push the valet switch once to turn off the anti-car jacking feature. If not, it will enter a second timer car jacking.
3. 65 seconds after the system has been triggered, the siren starts sounding and the parking lights start flashing.
4. 90 seconds after the system has been triggered:
 - A. The siren will still be sounding and the parking lights start flashing.
 - B. The starter disable will be activated to prevent the vehicle from starting.
 - C. It will remain active until the vehicle's battery power is exhausted.

Override the System to Turn Off Anti-Car Jacking:

Turn the ignition switch from "OFF" to "ON", and within 10 seconds push valet switch, the siren will stop and the system will be disarmed.

Last Trigger Memory Retrieval (For 2-Way Transceiver Operation Only)

If you are out of range and you want to retrieve last trigger's memory storage in the 2-way remote control transceiver, press the  button first within 3 seconds, then press the *** (M)** button. One melody sound and the last trigger's memory storage in the transmitter will immediately be displayed on the LED.

Actions of the 2-Way LED Remote Control Transceiver

	LED
Hood / Trunk Trigger	 LED flash for 15 seconds
Door Trigger	 LED flash for 15 seconds
Shock Sensor Trigger	 LED flash for 15 seconds
Ignition Trigger	 LED flash for 15 seconds

System Status Check (For 2-Way Transceiver Operation Only)

Press the  button twice to check the system's present status through the 2-way transceiver, then within 3 seconds press the  (C) button. One melody sound and all the system's present status will immediately displayed on the LED.

Actions of the 2-Way LED Remote Control Transceiver

	LED
Armed	 LED turns on for 5 seconds
Disarmed	 LED turns on for 5 seconds
Valet Mode	Zzz LED turns on for 5 seconds
Engine Running	 LED Fast flash for 15 seconds
Hood/Trunk Ajar	 LED flash for 15 seconds
Door Open	 LED flash for 15 seconds

Driver Paging (For 2-Way Transceiver Operation Only)

Driver Paging is useful in the event that someone wants to page the driver of the parked vehicle.

Indoor Driving Paging:

With the ignition switch "OFF", press and hold the valet switch for 2 seconds to page the driver. One chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding from your 2-way remote control transceiver.

Outdoor Driving Paging:

If someone tries to page you by tapping the optional paging (knock) sensor, which is usually mounted on the lower part of front windshield, the paging melody sound continues sounding from your 2-way remote control transceiver.

1. Press the  button first, within 3 seconds press the  button to activate outdoor driver paging function. It responds with chirps from the vehicle, and a melody sound from the remote control transceiver to confirm the function is on.
2. When tapping the paging sensor, one chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding for 15 seconds from your 2-way remote control transceiver.
3. Turn "ON" the ignition switch; OR press the  button to arm the system; OR press the  button to disarm the system, the outdoor driver paging function will exit.

Actions of the 2-Way LED Remote Control Transceiver

	Melody Sound
Driver Paging	"Telephone" Melody Sound for 10 Seconds

Dome Light Convenience Delay and Supervision

The alarm has a unique feature which will turn on your vehicle dome light as follows:

1. Upon disarming, the interior light 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: To turn off the dome light, turn on the ignition switch or arm the alarm.

Ignition Control Door Lock/Unlock (Also See Installation Manual)

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".

Trunk Release (Channel 3) Output

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

Channel 4 Timer Control Output (Also See Installation Manual)

Press the transmitter  (4) and  (4) button at the same time to activate Channel 4 function. Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof (factory defaults setting at momentary output).

Channel 5 Timer Control Output

Press the transmitter  (5) and  (5) buttons at the same time to activate Channel 5 function. Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof (factory defaults setting at momentary output).

Channel 6 Timer Control Output (Also See Installation Manual)

Press the transmitter  (6) and  (6) buttons at the same time to activate Channel 6 function. Channel 6 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof (factory defaults setting at momentary output).

Power On Memory

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

REMOTE START OPERATION

To Remote Start the Vehicle

1. Press the * button twice on the transmitter.
2. The parking lights will be activated, indicating the remote start received the signal.
3. The engine will start approximately 5 seconds.
4. Once the engine is running, after a 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 a 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 exist:

- A. The hood is opened.
- B. The brake pedal is pressed.
- C. Move the optional remote start enable switch to “OFF” position (If installed).
- D. The gear selector is in any gear other then “PARK” or “NEUTRAL”.

Actions of the 2-Way LED Remote Control Transceiver

	LED	Melody Sound
Activate Remote Start	* LED Fast Flash for 2 Seconds	One “Activate” Melody Sound
Engine Running	* LED Fast Flash for 60 Seconds	“Beep Sound” for 5 Seconds
Stop The Remote Start		One “Stop” Melody Sound

Safe Start (Also See Installation Manual)

Press the * button twice on the transmitter to start the vehicle (factory default setting). If your transmitter has been programmed to the “Safe Start” feature, press the  and * buttons at the same time to remotely start the vehicle.

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.

Temporary Stop Feature

This feature allows the vehicle to remain running after the key has been removed from the ignition. It is useful 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 the * button twice on the transmitter and the LED indicator will flash 3 times to confirm.
2. Turn the ignition key to the “OFF” position (the engine will stay running).
3. The engine will run until the pre-programmed time elapsed or shutdown input is received.

Turbo Timer Mode (Also See Installation Manual)

Turbo Timer Mode keeps the engine running after arriving at you destination for a programmable time 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 the engine is running, set the emergency brake and place the transmission to "Park".
2. Before turning off the engine, press and release  and  buttons at the same time. The light will flash to indicate the remote start has entered turbo charge mode.
3. Remove the "Ignition Key" from the key cylinder. The engine will keep running.
4. Exit and secure the vehicle. The Engine continues running until the pre-programmed time elapsed.

Timer/Temperature Start

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

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

3-Hour Timer Start with Temperature Control "OFF":

This feature is designed for use in a extremely cold climate. The system will auto start the vehicle every 3 hours to help prevent the engine from freezing. **A Maximum of Six Cycles Can Occur.**

3-Hour Timer Start with Temperature Control: (Also See Installation Manual)

The system can be programmed to automatically start the vehicle engine whenever the temperature inside the vehicle reaches or drops below the preprogrammed temperature level. The system will monitor the air temperature every 3 hours and will only start the engine during extremely cold temperatures. There are three temperature level to choose from (see installation manual).

Enter the Timer Start:

1. Press the  button twice to remote start the vehicle.
2. As soon as the vehicle is running and the parking lights have turned on or have flashed, within 2 seconds press the  button once.
3. Rapidly press the  button (or depresses  +  buttons, if you have programmed these buttons for "Safe Start"). The parking light will flash 3 times. The siren or horn will chirp 3 times. The vehicle is now programmed to start every 3 hours.
4. Press the brake pedal to stop the vehicle running.

Exit the Timer Start:

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 horn will chirp 4 times.

Or

1. Press the  button twice to remote start the vehicle.
2. As soon as the vehicle is running and the parking lights have turned on or flash, immediately press the  button, then press and hold the  button for 2 seconds (or press  +  buttons, if you programmed these buttons to = the Start / Stop button). The parking lights will flash 4 times. The siren or horn chirps 4 times. The vehicle is now no longer programmed to start automatically.

To Turn Off the Remote Start

To stop the engine that is running by remote start:

1. Press the * button twice on the remote transmitter in the Remote Start Mode.
2. Move the optional remote start enable toggle switch to the "OFF" position (if installed).
3. Press the brake pedal.

The vehicle will shut down and turn off the parking lights indicating the engine has stopped.

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. Engine is over-revved ("Tachometer checking type" only).
4. The pre-programmed run time (5 / 10 / 20 / 30 minutes) has elapsed.
5. Press the * button twice on the remote transmitter under remote start mode.
6. Move the optional remote start enable toggle switch to the "OFF" position (if installed).
7. The vehicle refused to start running after 3 unsuccessful attempts.

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.

Transmitter Battery Replacement

Regular Remote Transmitter:

If the range of your transmitter deteriorates, it is possible that the battery needs to be replaced.

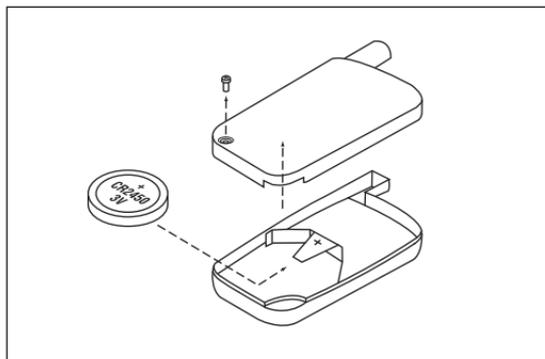
1. Remove upper transmitter case.
2. Remove old battery.
3. Install two new CR2016 battery (3 volt), noting the (+) and (-) marks.
4. Replace upper transmitter case with care, trying not to damage the inside components.

2-Way LED Remote Transceiver:

When the power of the battery weakens, the remote will emit three short “Beep” sounds and the  LED symbol will flash for 5 seconds after pressing any button on the remote transmitter.

This will remind the user to replace the battery.

1. Remove the small phillips head screw from the bottom cover of the transceiver.
2. Remove lower transmitter case.
3. Remove old the battery.
4. Install a new CR2450 battery (3 volt), noting the (+) and (-) marks.
5. Replace lower transmitter case with care, don't damage the inside components.



REPLACEMENT PARTS AND ACCESSORIES

TRANSMITTERS	DESCRIPTION	MODEL NO.	PRICE
	<p>2-Way LED Remote Transceiver</p>	<p>M8ARF-LED</p>	<p>\$89.95 ea.</p>
	<p>Remote Transmitter</p>	<p>M5ARF</p>	<p>\$46.96 ea.</p>

BATTERIES	DESCRIPTION
	<p>CR2450 - 3 Volt Lithium Battery</p> <p>Replacements: RadioShack: #CR2450 Duracell: #DL2450 Eveready: #ECR2450 Panasonic: #CR2450</p>
	<p>CR2016 - 3 Volt Lithium Battery</p> <p>Replacements: RadioShack: #CR2016 Duracell: #DL2016 Eveready: #ECR2016 Panasonic: #CR2016</p>

LIMITED LIFETIME WARRANTY

Magnadyne Corporation or its authorized agents will, for the life of the vehicle and to the original purchaser, repair, replace or refund the retail sales price of said product or any part thereof, at the option of the Magnadyne Corporation or its authorized agents, if said product or part is found defective in materials or workmanship, when properly connected and operating on the correct power requirements designated for the specific product. This warranty and Magnadyne Corporation or its authorized agents obligations, hereunder do not apply where the product was: damaged while in the possession of the consumer, subjected to unreasonable or unintended use, not reasonably maintained, utilized in commercial or industrial operation, or serviced by anyone other than Magnadyne Corporation or its authorized agent, or where the warning seal on the product is broken or the power plugs or wires are detached from the unit. Magnadyne Corporation or any of its authorized agents do not assume any labor costs for the removal and reinstallation of any product found to be defective, or the cost of transportation to Magnadyne Corporation or its authorized agents. Such costs are the sole responsibility of the purchaser.

This warranty does not cover the cabinet, appearance items, normal wear and tear or accessories used in connection with the product resulting from improper installation, alteration, accident, misuse, abuse or acts of nature.

This Limited Life Time Warranty applies only to the receiver section of the security system. Neither the siren, transmitters, wire harness or any accessory item added to or used with a Remote Mobile security system are covered by this Limited Life Time Warranty. Sirens, transmitters, wire harness or any accessory item are covered by our standard 12 month limited warranty.

Magnadyne Corporation or its authorized agents shall not be liable to anyone for consequential or incidental damages or claims that may arise due to failure of product to operate properly except those accorded by law. Magnadyne's or its authorized agents liability to the repair, replacement of the product as stated above if all conditions of the warranty are met. No expressed warranty or implied warranty is given except those set forth herein. Magnadyne does not warrant or guarantee against break in damage or the theft of the vehicle in part or whole, or against the loss or damage to the contents of any vehicle in which a security system is installed. Magnadyne security systems are only a deterrent against possible theft.

This warranty extends only to the original purchaser of the product and for the vehicle in which it was originally installed. This warranty is not transferable or assignable to any person or vehicle. Defective merchandise should be returned to the original point of purchase or secondly to Magnadyne Corporation, 1111 W. Victoria Street, Compton, CA 90220. A return authorization must be obtained before sending, or merchandise may be refused.

