



User's Manual

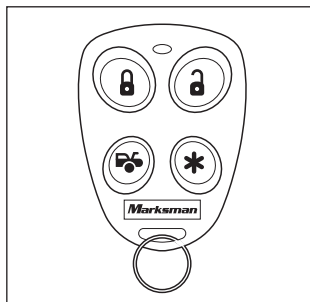
Model: M6a

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

Congratulations on your purchase of the quality Marksman M6a automotive security and remote start system. Marksman automotive security products have been designed to provide the consumer with a product that is technologically superior and will provide 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.

Remote Control Transmitters

Use the drawing at right as a reference while reading through the operating procedures. Normally the dedicated buttons mode is used in all applications.




Regular Transmitter Operation


Transmitter Button	System Function	Remark
	Lock Doors	
³ Seconds	Panic Function (requires horn connection)	Press and hold for 3 seconds to activate
+	Manual Silent lock/unlock	Chirps indicator must be programmed on
	Unlock Doors	
-	Two step door unlock (drivers door first)	Press twice within 3 seconds to unlock passenger doors
² Seconds	Channel 2 (trunk release control)	Press and Hold for 2 Seconds
-	Car Locator	
-	Activate Remote Starter	Press twice within 3 seconds
	Turn Off the Remote Start	

Lock and Unlock the Vehicle

Remote Lock:

1. Press the  button on the transmitter.
2. The horn will chirp once and the parking lights will flash once indicating that the doors are now locked.

Remote Unlock:

1. Press the  button on the transmitter.
2. The horn will chirp two times and the parking lights will flash two times, indicating that the doors are now unlocked.

Silent Lock/ Unlock:

Press the  and  buttons on the transmitter at the same time to lock or unlock the doors without the horn chirping. This is a user selection feature.

Pathway Illumination: (Optional Feature)


This feature turns "On" the parking lights for 30 seconds upon disarming of the security system. Arming the security system will leave the parking lights on for 10 seconds.

Two Step Door Unlocking: (Optional Feature)

This feature will independently unlock the drivers door only when disarming the security system. Pushing the "Unlock" button a second time within 3 seconds will unlock the entire vehicle.

Panic Function (Horn Connection must be Installed)

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 horn will immediately sound.
2. To stop the panic mode, press and hold the Lock or Unlock button on the transmitter again for 3 seconds. Also, if any transmitter button other than the Lock or Unlock button is pressed and released, the panic mode will be turned off immediately.

Dome Light Convenience Delay & Supervision (Option)

If this option has been installed, it will operate in the following manner:

1. Upon disarming, the interior lights will remain on for 30 seconds.
2. Turning on the ignition switch will turn off the dome light.


Ignition Control Door Locks (Option)

If the vehicles door locks have been connected to the system, the system will automatically lock the vehicle's doors when the ignition is turned "On" and/or unlock the vehicle's door when the ignition is turned "Off" (Programming is required for this feature to be active).

Trunk Release

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

Car Locator

Press the  button twice within 3 seconds to activate car locator function. The horn will chirp 6 times and the parking lights will flash 12 times to help you locate your car.

Remote Start Operation

Warnings

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

1. Keep the transmitter out of reach of children.
2. **DO NOT** leave anyone in the vehicle while running on remote control.
3. Alert any service personal 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. Should the unit malfunction, disconnect the fuse until the problem is corrected.
7. The use and operations of this device is the sole responsibility of the owner/operator of the vehicle.
8. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets. Check your local laws and ordinances.

How to Remote Start Your Vehicle

1. Press the * button on the transmitter two times within 3 seconds.
2. The parking lights will activate to indicate the remote start signal has been received.
3. The engine will start in approximately 5 seconds.
4. Once the engine is running, after 1 second the parking lights will turn on again and climate controls will activate and adjust the vehicle's 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 exists:

- A. The hood is open
- 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 than "Park" or "Neutral".

How to Operate the Vehicle While Running on the Remote Start Function

1. Insert the ignition key and turn it to the "On" Position. Be sure you **DO NOT** turn the Ignition key all the way to the "Start" position. This will cause severe damage to the starter components on your vehicle.
2. Press the brake pedal.

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

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 climate control on.

1. Before turning off the engine, press the * button twice on the transmitter.
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.

Timer Start

The remote starter can be programmed to start the engine every 2 or 3 hours. The engine will run for the programmed run time and then shut down. This feature is designed for an extremely cold climate, preventing the engine from being hard to start or freezing over. A **MAXIMUM OF SIX CYCLES CAN OCCUR.**

Important: Timer start should be used in open areas, never start and run the vehicle in enclosed spaces as a garage or carport.

To Activate the Start Timer:

1. Press the ***** button twice within 3 seconds to remote start the vehicle.
2. As soon as the vehicle is running and the parking lights have turned on or are flashing, immediately depress the **🚗** button.
3. Press the ***** button within 2 seconds. The parking lights will flash 3 times. The siren or horn will chirp 3 times. The vehicle is now programmed to start every 3 hours.

Note: Unless the installer of this remote start system has reprogrammed the start timer for a 2 hour duration, the default programmed start time is set to 3 hours.

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 parking lights will flash 4 times. The horn will chirp 4 times.

OR

1. Press the ***** button twice within 3 seconds to remote start the vehicle.
2. As soon as the vehicle is running and the parking lights have turned on or are flashing, immediately depress the **🚗** button.
3. Then press and hold the ***** button for 2 seconds. The parking lights will flash 4 times. The siren or horn chirps 4 times. The vehicle is no longer programmed to start automatically.

Turbo Timer Mode (Also See Installation Manual)

Turbo Timer Mode keeps the engine running after arriving at your destination for a programmable time period of 1, 3 or 5 minutes. This allows the system time to conveniently cool down the turbo after you have left the vehicle.

To Activate:

1. While the engine is running, place the transmission in "Park" then set the emergency 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. Remove the "Ignition Key" from the key cylinder. The engine will keep running.
4. Exit and secure the vehicle. The Engine will continue to run until the pre-programmed time has elapsed.

Disabling the Remote Start System

This feature allows your security 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 stolen in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the "Off" position.

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:

1. The hood is open.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to the "Off" position (if installed).
4. Engine is over-revved (tachometer checking type).
5. The pre-programmed run time 5-10-20-30 minutes has elapsed.
6. Transmitter * button is pressed.
7. The vehicle refused to start running after 3 unsuccessful attempts.



Chirp Indicators

Chirp	Function
1 Chirp	Doors Locked
2 Chirps	Doors Unlocked
6 Chirps	Car Locator

Parking Lights

Parking Lights	Function
1 Flash	Doors Locked
2 Flashes	Doors Unlocked
12 Flashes	Car Locator
Constant On	Under Remote Control

Replacement Parts for the M6a

ORDER BY MAIL	DESCRIPTION	MODEL #	\$ PRICE
	4-Button Transmitter with SAW Technology for M6a Remote Engine Starter with Keyless Entry System	M4ARF	44.95 ea.
	3 Volt CR2032 Lithium Battery (1 pc.) Models: Radio Shack: #23-162 (CR2032) Duracell: #DL2032 Eveready: #ECR2032 Panasonic: # CR2032	—	—

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.

Parts and Accessories Order Form

Credit Card or Money Order Only
 (Sorry No Cash, C.O.D. or personal checks accepted)

Mail to: Magnadyne Corporation
 ATTN: Consumer Parts Sales
 P.O. Box 5365
 Carson, CA 90749-5365

SHIP TO: (No P.O. Boxes)

LAST NAME	FIRST NAME	INITIAL

STREET ADDRESS

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ADDITIONAL ADDRESS

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ADDITIONAL ADDRESS

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CITY

STATE

ZIP CODE

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DAY TIME PHONE NUMBER

CREDIT CARD INFORMATION

	/	
CREDIT CARD NO.		EXPIRATION DATE

VISA
 MC

CARD HOLDER'S LAST NAME	FIRST NAME	INITIAL

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STREET ADDRESS

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CITY

STATE

ZIP CODE

PART #	DESCRIPTION	QTY.	PRICE EACH	TOTAL

Shipping and Handling

Up to \$20.00	\$5.00
20.01 to 30.00	5.95
30.01 to 45.00	6.50
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Over 70.01	7.95

Sales Subtotal = _____ . _____

California Residents Add Sales Tax = _____ . _____

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TOTAL = _____ . _____

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