Marksman®

2-Way Transmitter

User's Manual
(Upgrade for M5A only)
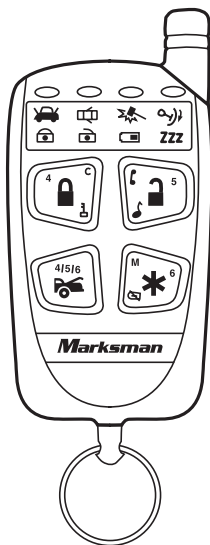
Model: M5A2WP

Congratulations on your purchase of a quality Marksman automotive security 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 system.

Note: The enclosed information pertains to the use and programming of the M5A2WP transmitter only. The standard transmitter use and programming can be found in the M5A user's manual.

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.

Note: The factory default setting is Power Save Mode. Before operating the 2-way LED remote control transmitter, first press the 🚗 button, within 3 seconds press and hold the ✳ (🚗) button for 3 seconds. Two beeps indicate exit of the Power Save Mode. Now, all transmitter functions will operate normally.

Remote Transmitter Dedicated Button Operation

Transmitter Button	System Function	Remark
🔒	Lock Doors & Arm System	
🔒 - 🔒	Arm and Delete the 2 Stage Shock Sensor	Press Twice within 3 Seconds
🚗 - 🔒	Silent Arm	
🔓	Unlock Doors & Disarm System	
🔓 - 🔓	Two Steps Door Unlock & Disarm System	Press Twice within 3 Seconds
🚗 - 🔓	Silent Disarming	
🚗 (2 Second)	Trunk Release (Channel 2)	Press and Hold for 2 Seconds
✳ (3 Second)	Panic Function	Press and Hold for 3 Seconds
🔒 + 🚗	Channel # 3 Output	

2-Way LED Remote Control Transmitter 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)	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

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's doors will lock upon arming when interfaced with the security system.

Actions of the 2-Way LED Remote Control Transmitter

Arm	LED	Melody Sound
Arm	🔒 LED turns on for 2 seconds	One Chirp
Arm and Hood/Trunk Ajar	🚗 LED flashes for 15 seconds	Three Chirps
Arm and Door Ajar	🚪 LED flashes for 15 seconds	Three Chirps

Ajar Warning:
    If the siren sounds 3 chirps, then you have left a door, trunk, or hood ajar.

Shock Sensor Bypass:
    Press the 🔒 button on the transmitter 2 times, then within 3 seconds to arm the security system and bypass the shock sensor. The system will chirp 1 additional time to confirm the Shock 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.

Silent Arming:
    Press the 🔑 button first, within 3 seconds press the 🔒 button to arm your security system. No chirp sound will be heard, and the arm confirmation will be through the vehicles parking lights and the 🔒 LED on the 2-way transmitter.

Active Disarming (Unlock and Disarm)

1. Press the 🔒 button on the transmitter.
2. The siren will chirp twice and parking lights will flash twice indicating that the security system is now disarmed.

Actions of the 2-Way LED Remote Control Transmitter

|	LED		Melody Sound
Disarm	🔒	LED turns on for 2 seconds	2 Chirps
Hood/Trunk Trigger	🚗	LED flashes for 15 seconds	4 Chirps
Door Trigger	🚪	LED flashes for 15 seconds	4 Chirps
Shock Sensor Trigger	💥	LED flashes for 15 seconds	4 Chirps
Ignition Trigger or Voltage Drop Trigger	ꙷ⌇	LED flashes for 15 seconds	4 Chirps

Silent Disarm:
Press the 🔓 button first, within 3 seconds press the 🔒 button to disarm your security system. No chirp sound will be heard, and the disarm confirmation will be through the vehicles parking lights and the 🔒 LED on the 2-way transmitter..

Tamper Disarming:
If the alarm is triggered upon disarming the system, the siren will chirp 4 times and the parking lights will flash 3 times.

Two Step Door Unlock (if installed):
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.

Valet Mode (System in Disarm 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 you 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 has exited Valet Mode.

Actions of the 2-Way LED Remote Control Transmitter

	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

Panic Function

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

1. Press and hold the ✳ for 3 seconds. The alarm will immediately sound.
2. To stop the alarm, press and hold the ✳ button again for 1 second.
3. If the button is not pressed, the alarm will automatically stop after 30 seconds.

Triggering 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 automatically reset and rearm. If any one of sensors or detectors are still active, the alarm system will sound a maximum of 6 times for 30 second cycles.

Actions of the 2-Way LED Remote Control Transmitter

	LED	Melody Sound
Hood/Trunk Trigger	🚗 LED flashes for 15 seconds	"Zone 2" Melody Sound for 10 seconds
Door Trigger	🚪 LED flashes for 15 seconds	"Zone 3" Melody Sound for 10 seconds
Warn-Away Trigger		One Warning Sound
Shock Senosr Trigger	💥 LED flashes for 15 seconds	"Zone 4" Melody Sound for 10 seconds
Ignition Trigger or Voltage Drop Trigger	⚡ LED flashes for 15 seconds	"Zone 5" Melody Sound for 10 seconds

Last Trigger Memory Retrieval

If you are out of range and you want to retrieve the last trigger stored in memory on the 2-way transmitter, press the 🔓 button first, then within 3 seconds press the ✳ button. One melody sound and the last trigger stored in memory on the transmitter will immediately be displayed on the LED.

Actions of the 2-Way LED Remote Control Transmitter

	LED
Hood/Trunk Trigger	🚗 LED flashes for 15 seconds
Door Trigger	🚪 LED flashes for 15 seconds
Shock Sensor Trigger	💥 LED flashes for 15 seconds
Ignition Trigger or Voltage Drop Trigger	⚡ LED flashes for 15 seconds

System Status Check

To check the system's present status through the 2-way transmitter, press the ⚏ button twice. Then press the 🔒 button once. The transmitter will emit a melody sound and the alrm status will be indicated by a lit LED.

Actions of the 2-Way LED Remote Control Transmitter

	LED	
Armed	🔒	LED turns on for 5 seconds
Disarmed	🔓	LED turns on for 5 seconds
Valet Mode	**Zzz**	LED turns on for 5 seconds
Hood/Trunk Ajar	🚗	LED flashes for 15 seconds
Door Open	🚪	LED flashes for 15 seconds

Driver Paging

Driver Paging is useful in the event that someone inside the vehicle wants to page the driver of the vehicle (or the person who is in possession of the remote transmitter).

With the ignition switch "Off", press the pager switch located on the window mounted antenna/receiver one time. One chirp will be emitted from the vehicle horn or siren (or both). The person in possession of the transmitter will hear a melody sound from the transmitter and the 📞 LED will be flashing.

Action of the 2-Way LED Transmitter

	Melody Sound
Driver Paging	Paging Melody Sound for 10 Seconds

Trunk Release (Channel 2) Output

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

Channel 3 Output

Press the 🔒 and ⚏ buttons at the same time to active the Channel 3 function. Channel 3 will continue to give an output until the buttons are released.

Programming the 2-Way Transmitter

Button Lock Mode

Button Lock Mode 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 Mode. 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.

Melody Sound On/Off

To mute the Trigger Melody Sound while the system has been triggered. Press the 🔫 button first, then within 3 seconds press and hold the 🔒 (🎵) button for 2 seconds. Two beeping sounds confirm the Melody Sound is "Off". One long melody sound confirms the Melody Sound is "On".

Power Save Mode

The Power Save Mode allows you to temporarily bypass all remote transmitter functions. While in Power Save Mode, the LED transmitter uses no current in order to save the battery power, and the "Beep" sound will always be muted.

Enter Power Save Mode: Press the 🔫 button first, within 3 seconds press and hold the ✳ (🚗) button for 3 seconds. A long beeping sound indicates entry in the Power Save Mode, and all remote transmitter functions will be temporarily bypassed.

Exit Power Save Mode: Press the 🔫 button first, within 3 seconds press and hold the ✳ (🚗) button for 3 seconds. Two beeping sounds indicate exit of the Power Save Mode, and all remote transmitter functions return.

Out of Range Indication

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.

Second Vehicle Security Operation (For 2-Way Transmitter)

The 2-way transmitter can be utilized to control a second vehicle's security system. To program the transmitter to a second vehicle, follow the programming instructions in this manual. All programming parameters are the same except for the following:

Second Vehicle Operation:

1. Press the 🔫 button first, then within 3 seconds press and hold the 🔒 and 🔒 buttons together for 2 seconds. With two "Beep" sounds, and the 🚗 and ⊞ LED icons slowly flashing indicate you are in Second Vehicle Operation Mode.
2. You can now remotely communicate with a second vehicle's security system. At this point you will hear two short "Beep" sounds while pressing any of the buttons on the 2-way transmitter.

Return to First Vehicle Operation:

1. Press the 🔫 button first, then within 3 seconds press and hold the 🔒 and 🔒 buttons together for 2 seconds. One "Beep" sound indicates you are back in First Vehicle Operation Mode.
2. You can now remotely communicate with the first vehicle's security system. At this point you will hear one short "Beep" sound while pressing any of the buttons on the 2-way transmitter.

Transmitter Battery Replacement

When the battery power weakens, the remote will emit three short "Beep" sounds, and the ⬜ LED icon 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 transmitter.
2. Remove the lower transmitter case.
3. Remove the old battery.
4. Install a new CR2450 battery (3 volt), noting the (+) and (-) marks.
5. Carefully replace the lower transmitter case, trying not to damage the inside components.
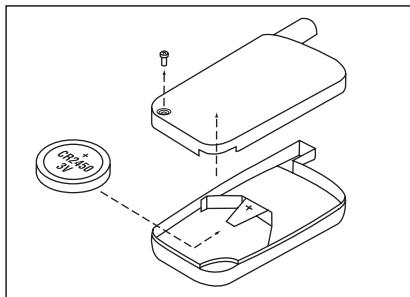
Replacement Parts

TRANSMITTERS	DESCRIPTION	MODEL NO.	PRICE
	2-Way LED Remote Transmitter	**M8ARF-LED**	**$89.95 ea.**

BATTERIES	DESCRIPTION
	CR2450 - 3 Volt Lithium Battery **Replacements:** RadioShack: #CR2450 Duracell: #DL2450 Eveready: #ECR2450 Panasonic: #CR2450

Parts and Accessories Order Form

Credit Card or Money Order Only
(Sorry No Cash, C.O.D. or personal checks accepted)
Call: (310) 884-7777 Fax: (310) 637-9542

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

ADDITIONAL ADDRESS

ADDITIONAL ADDRESS

CITY   STATE   ZIP CODE

DAY TIME PHONE NUMBER

CREDIT CARD INFORMATION

☐ VISA
☐ MC

CREDIT CARD N0.   ___/___ EXPIRATION DATE

CARD HOLDER'S LAST NAME   FIRST NAME   INITIAL

STREET ADDRESS

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
45.01 to 70.00	6.95
Over 70.01	7.95

Sales Subtotal = _____ . _____

California Residents Add Sales Tax = _____ . _____

Shipping and Handling (See Chart) = _____ . _____

TOTAL = _____ . _____

On regular orders please allow 4-5 weeks for delivery.
Please give a shipping address where this order may be delivered between the hours of 9 am and 5 pm weekdays.
If UPS is unable to deliver, your order will be returned and additional shipping charges will be required.

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.

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