

 **Marksman**

Extreme Series

Owner's Manual

Model: X7

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

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Congratulations on your purchase of a quality Marksman 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.

Quick Reference Remote Transmitter Operation

Use these illustrations as a reference while reading through the operating procedures.




Transmitter Button	System Function	Remark
	Lock Doors and Arms System	
-	Arms and Deletes the Shock Sensor	Press Twice within 5 Seconds.
	Car Locator	Available 30 Seconds after System is Armed
	Panic Function (On-Off)	Press and Hold for 3 Seconds
	Unlock Doors and Disarm System	
-	Two Steps Door Unlock and Disarm System	Press Twice within 3 Seconds
+	Silent Arming/Disarming	Press both at the same time
	Channel 3 (Trunk) Timer Control	Press and Hold for 1.5 Seconds
-	Passive Arming By-Pass	While the System Disarmed.
* - *	Activate Remote Starter	Press / Hold for 1 Second Release. Repeat
* - *	Turn Off the Remote Start	Press / Hold for 1 Second Release. Repeat
II	Second System Operation	Press and Release for Car #2 Operation



Security System Operation

Manual Lock/Arm

Using The Transmitter To Lock/Arm The Security System

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



Silent Arming/Disarming:

Pressing the  +  button 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.

Defective Sensor Reminder:

If the siren chirps 3 times, you have left open a hood, door or trunk.

Shock Sensor Optional Sensor By-Pass:

Press the  button once, the siren chirps once, the security system is now armed. Press the  button a second time within 5 seconds, the siren chirps twice, the shock sensor is now bypassed. 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.

Automatic Arming (Optional)


The X7 is equipped with an optional automatic arming feature, which allows the security system to automatically arm itself 30 seconds after the last door is closed.

1. Turn "OFF" the ignition key and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you re-open any protected entrance, the security system LED will stop flashing. It will begin flashing again when the vehicles entrances are closed.
3. After the 30 second timer has elapsed, the security system will automatically "Arm". The siren will chirp once and the parking lights will flash once.

Automatic Arming with Automatic Door Locking: (Additional Option)

With this option active, the vehicle's doors will automatically lock after the automatic arming cycle has been completed.

Automatic Arming Bypass:


While the LED is flashing for automatic arming or automatic re-arm, press the  button twice, the security system will respond with 1 chirp and LED will turn "On". The security system will remain in this temporary state for as long as you wish. To exit passive bypass, press the "Lock" or "Unlock" button and the system will return to normal status.

Note: While in Automatic Arming Bypass mode, you will be required to manually arm you system. Following the "Manual Lock/Arm" procedure above.

Security System Operation (continued)

Manual Unlock/Disarm

Using The Transmitter To Unlock/Disarm The Security System

1. Press the  button on the transmitter.
2. The horn will chirp once and parking lights will flash once indicating that the system is now disarmed. The vehicle's door will unlock upon arming when interfaced with the security system.

Tamper Disarming:

If the security system has been tampered with and activated, the siren will chirp 4 times and the parking lights will flash 3 times.

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 driver's door only when disarming the security system. Pushing the "Unlock" button a second time within 3 seconds will unlock the entire vehicle.

Automatic Re-Arm: (Optional Feature)

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

Valet Mode Operation

The valet switch allows you to temporarily bypass all alarm functions eliminating the need to hand your transmitter to a parking attendant or garage mechanics. When the security system is in "Valet" mode, all 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 security 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 the "On" position.
2. Push and hold valet switch for 2 seconds or until the "LED" turns on solid. The LED will remain on as long as the system is in "Valet" mode.

Exit Valet Mode:

1. To return to normal operation, turn the ignition switch "On".
2. Push and hold the valet switch for 2 seconds and the "LED" will turn off. This indicates the security system is out of the "Valet" mode.

Emergency Override Operation



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 security system will enter the "Emergency Override" mode. You can now start and operate the vehicle normally.

Security System Operation (continued)

Remote Panic Alarm Operation

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. To stop the security system from the "Panic" mode, press the  button on the transmitter.

Note: When the  button is pressed for panic, the car finder feature will trigger first then the panic function will activate.

Trigger the System (Shock Sensor and Entrance Protection)

When the X7 is armed, your vehicle is protected by the shock sensor as follows:

1. Light impacts to the vehicle body will trigger the pre-warning signal from the shock sensor. A long chirp from siren/horn.
2. Heavy impacts, a door is opened, the hood is opened, the trunk is opened or the ignition key is turned on will trigger the horn/siren. The starter disable relay (if installed) will prevent the vehicle's starter from cranking. The trigger cycle will last for 30 seconds then it will stop and automatically re-set and re-arm. If one of the sensors or detectors are still active the security system will sound a maximum of 6 times for a 30 second cycles.

Interior Light Convenience 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. 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 security system and it will turn off the dome light.




Ignition Key Lock Control (Option)

If the vehicles door locks have been interfaced to the security system, the security 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 (Option)

Press and hold the  button on the transmitter for 1.5 seconds to activate the trunk release or other electronic devices.

Car Locator

The car locator feature of the X7 is progressive. After the X7 has been armed for 30 seconds, press the  button to activate the car locator function. The siren/horn will sound 2 times and pause then sound two more times. The parking lights will flash 3 + 3 times. Press the  button a second time and the siren/horn will sound 3 times and pause then sound four more times. The parking lights will flash 3 + 3 times. Press the  button a third time and the siren/horn will sound 6 times The parking lights will flash 6 times.

Remote Start Operation

User 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 security system 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 twice on the transmitter for about 1 second.
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 11 seconds 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 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 open.
2. The brake pedal is pressed.
3. Move the optional remote start enable switch to "Off" position (if installed).
4. The gear selector is in any gear other than "Park" or "Neutral".

How to Operate the Vehicle While Running on Remote Start

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 can cause severe damage to all 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 Operation

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 and the LED indicator will flash 3 times to confirm mode entry.
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.

Remote Start Operation (continued)

Timer Starting

This unit can be programmed to start and run 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 extreme cold climate. The system will automatically start the vehicle every 2 or 3 hours to prevent engine from cold hard to start and 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 to remote start the vehicle. As soon as the vehicle is running and the parking lights have turned on or flashing.
2. Immediately depress the **☞** button then depress the ***** button. The parking lights will flash (3) times. The siren or horn chirps (3) times. The vehicle is now programmed to start every 2 or 3 hours.
3. Press the brake pedal to stop the vehicle from running.

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 to the "On" position. The LED and parking lights will flash (4) times. The horn or siren chirps (4) times.
- or
1. Press the ***** button twice to remote start the vehicle. As soon as the vehicle is running and the parking lights have turned on or flashing.
 2. Immediately depress the **☞** button 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.

Shut-Down Inputs 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 "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 twice.
7. The vehicle refused to start running after 3 unsuccessful attempts.

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 stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the "Off" position. (If installed)

Remote Start Operation (continued)

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 **2** and ***** buttons at the same time. The light will flash to indicate the remote start has entered "Turbo Timer" 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.

Chirp Status Indications

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarmed
3 Chirps	Defective Reminder
4 Chirps	Disarm / Triggered
6 Chirps	Car Locator

Parking Light Flash Indications

Parking Lights	Function
1 Flash	Arm
2 Flashes	Disarmed
3 Flashes	Disarm / Triggered
12 Flashes	Car Locator
Constant On	Under Remote Control




Alarm Operating Conditions

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

LED Status Indications

LED	Function	LED	Function
Off	Disarmed	2 Flashes... pause	Zone 2: Trigger on Trunk/Hood
Slow Flash	Armed	3 Flashes... pause	Zone 3: Trigger on Door Switch
Fast Flash	Passive Arming	4 Flashes... pause	Zone 4: Trigger on Optional Sensor
On (Solid)	Valet Mode	5 Flashes... pause	Zone 5: Trigger on Ignition Switch

Replacement Parts and Accessories for Remote Mobile Security Systems

ORDER BY MAIL	DESCRIPTION	MODEL #	\$ PRICE
	Uses 3 volt CR2032 Lithium Battery (2 pcs.) Replacements: Radio Shack: #23-162 (CR22032) Duracell: #DL2032 Eveready: #ECR2032 Panasonic: # CR2032		
	4-Button Transmitter with SAW Technology for: X7 Remote Start Security System.	X7RF	\$44.95 ea.
	6-Tone, 118dB Siren: For use with all Remote Mobile Security Systems.	ALA115	\$34.95 ea.
	6-Tone, 130dB Siren: For use with all Remote Mobile Security Systems.	ALA125	\$39.95 ea.

Parts and Accessories Order Form

Credit Card or Money Order Only **Mail to:** Magnadyne Corporation
ATTN: Consumer Parts Sales
P. O. Box 5365
Carson, CA 90749-5365
(Sorry No Cash, C.O.D. or personal checks accepted)

SHIP TO: (No P.O. Boxes)

LAST NAME	FIRST NAME	INITIAL
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ADDITIONAL ADDRESS		
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CREDIT CARD INFORMATION

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CARD HOLDER'S LAST NAME	FIRST NAME	INITIAL	
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PART #	DESCRIPTION	QTY.	PRICE EACH	TOTAL

Shipping and Handling	Sales Subtotal = _____ . _____
Up to \$20.00 \$5.00	California Residents Add Sales Tax = _____ . _____
20.01 to 30.00 5.95	Shipping and Handling (See Chart) = _____ . _____
30.01 to 45.00 6.50	TOTAL = _____ . _____
45.01 to 70.00 6.95	
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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 a.m. and 5 p.m. 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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X7-UM 3-11-08 Rev. A

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