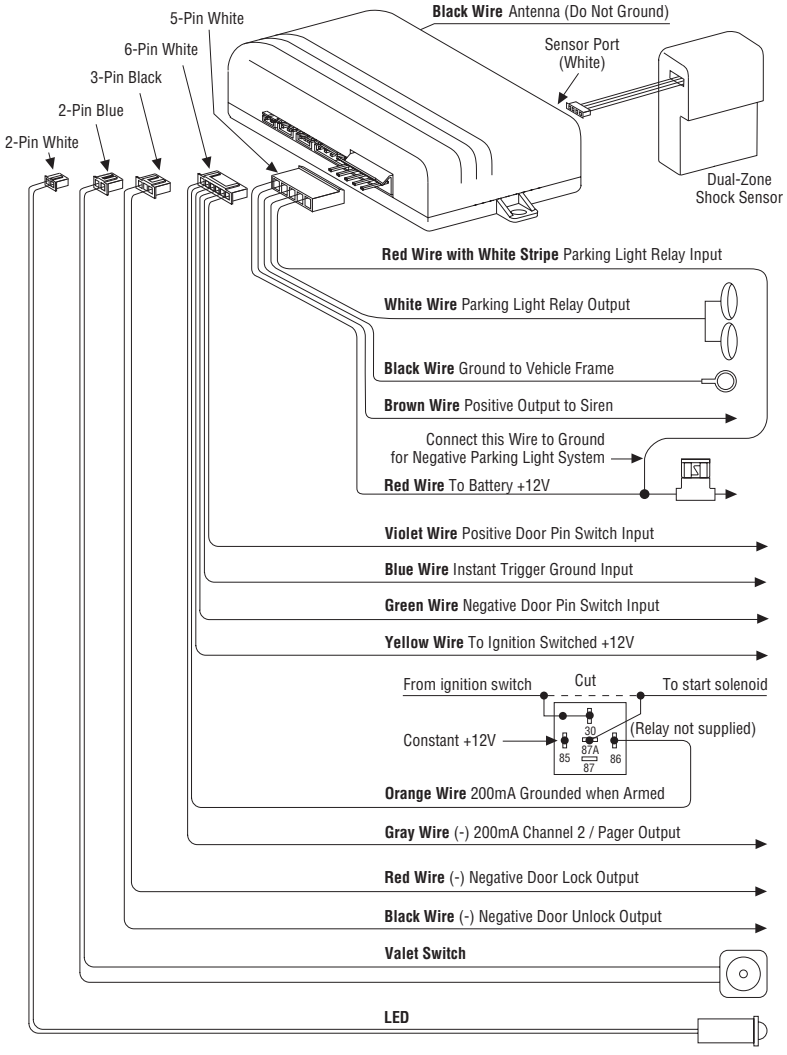
Marksman

Installation Manual

Model: M3a

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

Step 1: Wiring Diagram



Step 2: Programming

A. Programming the Transmitters

The security system has 2 transmitter programming modes. Up to 4 transmitters can be programmed.

1. **"Combined"** button, (Button 1 is Arm/Disarm).
2. **"Dedicated"** buttons, (Button 1 is Arm, Button 2 is Disarm) (Factory default setting).

To program the transmitters:

1. Turn ignition to "On" position.

2A. Push the valet switch 3 times to enter **"Combined Button Mode"**.
There will be 1 long chirp and 1 short chirp of confirmation of entering combined button mode.

2B. Push the valet switch 6 times to enter **"Dedicated Button Mode"**.
There will be 2 long chirps and 1 short chirp of confirmation of entering dedicated button mode.

3. Press any button on 1st transmitter, 1 short chirp to confirm code is learned.
4. Press any button on 2nd transmitter, 2 short chirps to confirm code is learned.
5. Press any button on 3rd transmitter, 3 short chirps to confirm code is learned.
6. Press any button on 4th transmitter, 4 short chirps to confirm code is learned.
7. Exit transmitter programming by turning "Off" the ignition key or after 15 seconds the security system will automatically exit transmitter programming and chirp 3 times.

Note: If more than 4 transmitters programmed, the system only keeps the last 4 transmitter codes.

B. Programming System Features (Factory preset all features to "On" position, except car-jacking)

To enter feature programming:

1. Turn the ignition "On" then "Off".
2. Within 10 seconds push the valet switch 3 times (a long chirp).
3. Again push the valet switch 3 times (a long chirp again to confirm being in feature programming mode).

To program a feature:

4. Push the valet switch the same number of times as the feature number (see chart below).
5. Turn ignition switch from "Off" to "On" to set the feature.

Example:

- Push valet switch 2 times (Activates Active/Passive Arming Programming). The siren will chirp 2 times, LED will flash 2 times to confirm entry to this feature.
- Select Active Arming, turn ignition from "Off" to "On", 1 chirp for confirmation.
- Select Passive Arming, turn ignition from "On" to "Off", 2 chirps for confirmation.
- If you want to program Auto Rearm (5th feature) when the system is on Active/Passive Arming, push valet switch 3 times again (Siren chirps 5 times, LED flashes 5 times). The system will add on the previous valet switch pushing.

To exit feature programming:

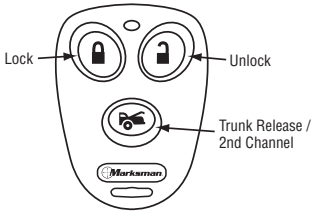
6. During programming, if you don't respond to previous step in 15 seconds or any time press the ARM button on the transmitter it will exit feature programming. 3 long chirps will indicate you have exited feature programming.

		Turn Ignition from "Off" to "On"	Turn Ignition from "On" to "Off"
Feature Number	**Chirp/LED Confirmation**	Feature "On" *(Factory Default Setting)*	Feature "Off"
1	1	Chirp "On"	Chirp "Off"
2	2	Active Arming	Passive Arming
3	3	Passive Arming with Door Locks	Passive Arming without Door Locks
4	4	Ignition On/Off with Door Lock/Unlock	Ignition On/Off without Door Lock/Unlock
5	5	Auto Rearm "On"	Auto Rearm "Off"
6	6	2-Pulse Unlock "Off"	2-Pulse Unlock "On"
7	7	Door Lock Time 0.8 seconds	Door Lock Time 3.5 seconds
8	8	Car-Jacking "Off"	Car-Jacking "On"
9	9	Channel 2 (Trunk) Output	Pager Output

Owner's Manual

Model: M3a

A. Transmitter Operation



Dedicated Button Mode Shown

B. Alarm Indicators

LED Indicator

LED is off = Alarm is disarmed.
LED is flashing slowly = Alarm is armed.
LED is flashing fast = Passive arming.
LED is on (solid) = Valet mode.
LED flashes twice then pauses = Tamper warning, alarm was triggered.

Chirp Indicator

One siren chirp = Security system is armed.
Two siren chirps = Security is disarmed.
Four chirps = Tamper warning, alarm was triggered.

Parking Light Indicator

Parking lights flash one time = Security system is armed.
Parking lights flash two times = Security is disarmed.
Parking lights flash three times = Tamper warning, alarm was triggered.

Dedicated Button Mode (Factory Default Setting)		
Transmitter Button	**Action**	**System Function / Remark**
🔒	Press and Release	Arm/Lock Doors
	Press and Hold 3 Seconds	Panic Function
	Press Twice	Arm/Lock Doors and Delete Optional Sensor
🔓	Press and Release	Disarm/Unlock Doors
	Press Button and Hold for 3 Second	Disarm/Unlock Doors and Pop Trunk Release
	Press and Hold for 3 Seconds	Pop Trunk Release / Channel 2 Output
🔒 + 🔓	Press Both Buttons	Silent Arm / Disarm (Ignition in "Off" Position)
	Press Both Buttons and Hold for 1 Second	Activate Car-Jacking (Ignition in "On" Position)

Combined Button Mode		
Transmitter Button	**Action**	**System Function / Remark**
🔒	Press and Release	Arm/Lock Doors or Disarm/Unlock Doors
	Press/Hold 3 Seconds	Panic Function
	Press Twice	Arm/Lock Doors and Delete Optional Sensor
🔓 or	Press and Hold for 3 Seconds	Pop Trunk Release / Channel 2 Output
🔒 + 🔓	Press Both Buttons	Silent Arm / Disarm (Ignition in "Off" Position)
	Press Both Buttons and Hold for 1 Second	Activate Car-Jacking (Ignition in "On" Position)

C. Dual-Zone Shock Sensor

1. Light impacts to the vehicle will cause a prewarning (warn-away) chirp from the siren or horn. These light impacts will not set the alarm into full trigger even if they are repetitive.
2. Hard impacts to the vehicle will bypass the prewarning indicator and activate a full alarm trigger.

D. Active Arming "Lock"

1. Press the "Lock" button on the transmitter.

2. The siren will chirp once and the parking light will flash once indicating that the system is now armed. The vehicle's doors will lock upon arming when interfaced with security system.

Silent Arming/Disarming: Press the "Lock" and "Unlock" button together on the transmitter to arm or disarm you security system. No chirp sound will be heard, arm/disarm confirmation will be through the vehicles parking lights only.

E. Passive Arming

Active arming/disarming is controlling you 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:

1. Turn the ignition to the "Off" position and exit the vehicle.

2. After all entrances are closed the security system's LED will flash fast for 30 seconds. If you reopen any door, the hood or 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 one time and the parking lights will flash one time.

Passive Door Locking: (see Feature No. 3 on programming chart) The vehicle doors will automatically lock after passive arming cycle has been completed.

F. Active Disarming "Unlock"

1. Press the "Unlock" button on the transmitter.

2. The siren will chirp twice and parking lights will flash twice indicating that the security system is now disarmed. The vehicle doors will unlock disarming when interfaced with the security system.

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

Automatic Rearm: (see feature No. 5 on programming chart) If this feature is selected, the security system will automatically rearm itself 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

G. 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 function are bypassed, however the remote panic feature and remote door locks will remain operational.

Enter Valet Mode:

1. Turn the ignition to the "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 the Valet Mode.

Exit Valet Mode:

1. Return to normal operation, turn ignition "On".

2. Push and hold the valet switch for 2 seconds, the LED will turn off to indicate the system is exiting the valet mode.

H. 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 "Lock" button on the transmitter for 3 seconds. The alarm will immediately sound.

2. To stop the alarm, press the "Lock" or "Unlock" button on the transmitter, the panic mode will be turned off immediately.

3. If the button is not pressed, the alarm will automatically stop after 30 seconds.

I. 60 Second Rearming

If your security system has become triggered, the siren will sound for 60 seconds and then stop and reset to a fully armed condition.

Note: If a protected entrance is left open, your security system will remain triggered for two more 60 second cycles then full rearm excluding the door input trigger (door input trigger is no longer functional). Closing the entrance will reset the door input trigger within 7 seconds.

J. Anti Car-Jacking

Warning: If you don't need this alarm system's car-jacking function to be "On", set it to "Off". The default car-jacking setting is "Off" (see Feature No. 8 on programming chart).

Pressing and holding the "Lock" and "Unlock" button on the transmitter for 1 second while the vehicle's ignition is "On" will trigger the car-jacking. The parking lights will turn on for 1.5 seconds to indicate car jacking is activated.

1. 60 seconds after the system has been triggered, the siren starts alarming and the parking lights start flashing.

2. 90 seconds after the system has been triggered.

A. The siren will still be sounding and the parking light flashing and,

B. The starter disable will activate to prevent the vehicle from being restarted,

C. It will remain active until the vehicle's battery power is exhausted.

Override the System to Turn Off 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 disarm.

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