MODEL SJ80A

OWNERS MANUAL

SYSTEM OPERATIONS

The SJ80A is a very sophisticated, but the operation is very simple. Your three button transmitter is an easy to use for arm, disarm, personal protection, keyless locking and unlocking, trunk release.

Instruction #1: Remote System On

1. Press and release the transmitter #1
2. One siren chirp sound and a light flash verify the operation.
3. Door lock (if optional keyless entry is installed).
4. Visible theft warning LED light flashes slowly.

Instruction #2: Remote System Off

1. Press and release the transmitter button #1
2. Two siren chirps and two flashes verify this operation.
3. Door will unlock (if optional keyless entry is installed).
4. Interior light will turn on for 30 seconds (if optional Illumination is installed).
5. No LED theft warning light will be seen.

Note: If you hear any additional chip sounds, the system has been triggered and the alarm was activated while you were away from the vehicle. Please refer to the following chart. The diagnostic report will automatically shut off when ignition switch is turned on.

THREE BUTTON REMOTE CONTROLS

Button	Duration	Result
#1	Short	Arm/Disarm
#1	Long	Panic Alarm
#2	Short	Chirp Delete
#2	Long	Trunk Open
#3 (Within 3 Sec. of Armed)	Short	Valet Mode
#3	Short	Channel #3
#3	Long	Car Finder Chirps
#3(IGN-ON)	Long	Car-Jacking(Option)

Instruction # 3: LED Status Indicator

TRIGGER	DESCRIPTION	LED OUTPUT
N/A	Armed	Steady Flash
N/A	Valet Mode	Constantly On
1	Impact Sensor	2 Flashes then Pause
2	(-) Door Trigger	3 Flashes then Pause
3	(+) Door Trigger	3 Flashes then Pause
4	Current Sensing(Trunk)	4 Flashes then Pause
5	Ignition "On"	5 Flashes then Pause
6	(-)External Trigger In	6 Flashes then Pause

# Instruction #4: Emergency Disarm (If you lost a remote and can not shut off the alarm)

1. With your vehicle key in the key cylinder, turn it on. (On means driving position)
2. Have your door open
3. Turn the ignition switch On/Off 4 Times.

# Instruction #5: Personal Protection Alarm (PANIC)

1. Press and hold Button#1 for approximately for three seconds.
2. Personal Panic alarm is activated and siren sounds and lights flash for 30 seconds.
3. Press and release the transmitter button #1 to cancel the panic mode.

Press & hold button #1 for 3 SEC.   Light flashes   Siren(30Sec)
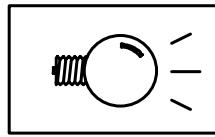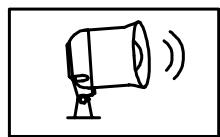
Instruction # 6: CH2 Trunk Release (OPTIONAL)

1. Press and hold down the transmitter #2 until trunk release.
2. You want to disarm the system when CH-2 is used. However, alarm stay in previous mode (Arm or Disarm).

Instruction #7: Temporary chirp delete

Arm/Disarm chirp can be temporarily deleted from your remote transmitter.
To use temporary chirp disable,
1. Press and release transmitter button #2.
2. Within 3 seconds, press and release the transmitter button #1 or #3 for desired function.

Instruction #8: Valet Mode

The Valet mode means that all normal system functions are turned off. This feature is useful when valet parking, refueling, or servicing your vehicle.

Valet mode via Remote
Arm your vehicle by pressing #1 on your transmitter and then right after within 5 sec. Press and release transmitter button # 3

Instructions # 9: Dual Car Operation

The SJ80A can be configred for dual car operation,
if both vehicles have the same series security system.
1. First set your K3MSJ80A in the transmitter programming mode.
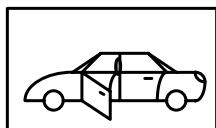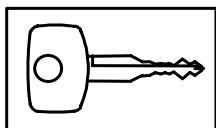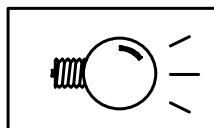
| Door open | Turn ignition on/off 10 times | flashing | Silen | Press & release button #1 or #2 |
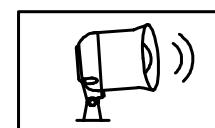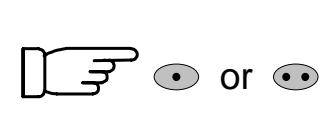
2. Then depress #2 instead of depressing button # 1.
3. When using transmitter with a second vehicle, the functions of Button #1 and Button #2 are reversed for the second vehicle

Instruction #10: Car Hi-Jack

The HAWK Anti-Hi Jacking system can be initiated by YOU...the vehicle owner. Some people like this system, some don't. Now you can choose whether or not to use the Anti-Hi Jacking feature.
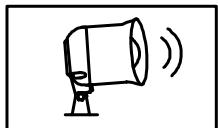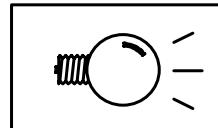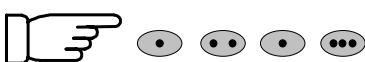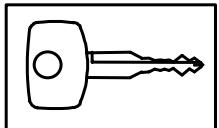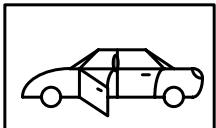
Door open	Turn ignition on/off 10 times	Press & release button #1,#2,#1,#3	2 Light flashes	2 Chirps

Operation:
1. When entering a suspicious area, simply press and hold button #3 for more than 5 seconds
2. This will place the Anti-Hi Jacking feature in Standby mode. Five chirp sound and five light flashes verify Standby mode
3. If the door opened & closed (In expected Carjacking), the processor will start to operate at time of closing the door. After 40 seconds, the siren will sound and the lights will flash. *(To reset: Turn the ignition switch On/Off 4 Times)*

To activate: Turn your ignition in on position. Then press and hold button # 3 for 5 seconds on your Transmitter.(To stop, simply turn the ignition switch into off position)

Instruction # 11: Car Finder Mode

Car finder mode will be most useful when you can't locate your vehicle. *Just simply depress # 3 on your transmitter and hold down for 5 second.*
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Instructions # 12: Bypassing Shock Sensor for Turbo Cool Down

Since some vehicles with turbo engines have an engine cool down period of at least 2 minutes from the turn-off, this feature shall activate shock sensor in 3 minutes after arming the system.

Changing to Turbo Cool Down Mode
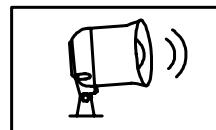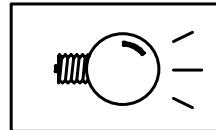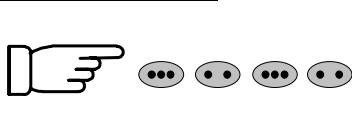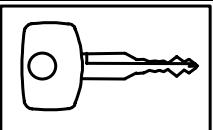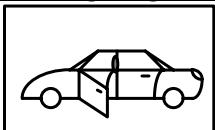
| Door open	Turn ignition on	Press & release button #3, #2, #3, #2	2 Light flashes	2 Chirps

After you have activate the Turbo cool down mode
1. Press and release button #1 to arm the system.
2. Shock sensor automatically shall be activated after 3minutes.

Instruction # 13: To adjust your Shock Sensor

The SJ80A is equipped with an internal 2 stage Impact Sensor.
1 Stage will indicate a warn way type chirp, along with a full 30 Sec.
Siren if a heavy impact to your vehicle has been made.

To adjust Shock Sensor.
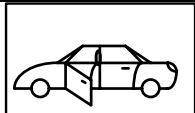
Door open   Press & hold button #3   Light   Chirp
             for more than 5 seconds   flash
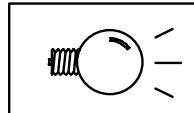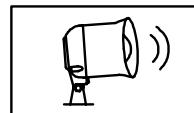
1. Disarm your vehicle.
2. Open the door.
3. When entering a suspicious area, simply press and hold button #3 for more than 5 seconds.
4. **Press and hold the button # 3** for more then 5 Seconds. You will hear a chirp along with a parking light flash.
5. Count the parking light flashes or count the siren chirps to determine which mode you are in.
6. Then **press and hold the button # 3** for more then 5 Seconds. Each time you select this function you will move to the next mode in a circular fashion indexing up from Mode #1 to #6 and then, back to Mode #1.
7. When you are in the mode, which matches your requirements, STOP.

Mode #	Internal Sensor Sensitivity	Three-pin Harness	Chirp & Parking Light Flash
1	Off	Dual Stage Mode	1
2	Very High	Warning	2
3	High	Warning	3
4	Medium(Default)	Warning	4
5	Low	Warning	5
6	Very Low	Warning	6

Two through six is the adjustment settings.
Two chirps is most sensitive. Six chirp is least sensitive.

Please note that Mode #1 not only disables the Internal Shock Sensor, but also, changes the BLUE WIRE (*12P Harness)* input from a warning sensor input to a dual stage sensor input. In dual stage mode, a short pulse *(less than 0.8 seconds)* causes warning chirps and a long pulse *(longer than 0.8 seconds)* causes the full Six Tone Siren response.

Please note that Mode #1 not only disables the Internal Shock Sensor, but also, changes the BLUE WIRE(Optional Three-Pin Impact Sensor Harness) input from a warning sensor input to a dual stage sensor input. In dual stage mode, a short pulse *(less then 0.7 seconds)* causes warning chirps and a long pulse *(longer then 0.7 seconds)* causes the full Six Tone Siren response.

Instruction # 14: Instant Trigger In or Valet SW

The GRAY WIRE(12p Harness) has **TWO**, totally different, possible functions, *(-) Instant Trigger Input or Valet Switch.*

If the Operational Mode is set to Valet Switch Disable Mode, then a ground on the Gray wire will trigger a full alarm response (Factory Default Mode)
If the Operational Mode is set to Valet Switch Enable Mode, then a ground on the Gray wire in conjunction with the Ignition Switch "On" will cause the K3MSJ80A to enter the Valet Mode.

Changing Switched Valet Mode
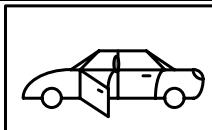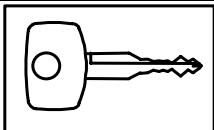
Door open	Turn ignition on	Press & release button #3, #2, #1, #2	2 Light flashes	2 Chirps

Gray(#4) — Valet Switch(Option)

Ground
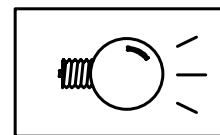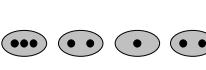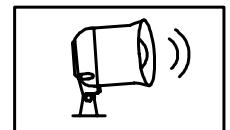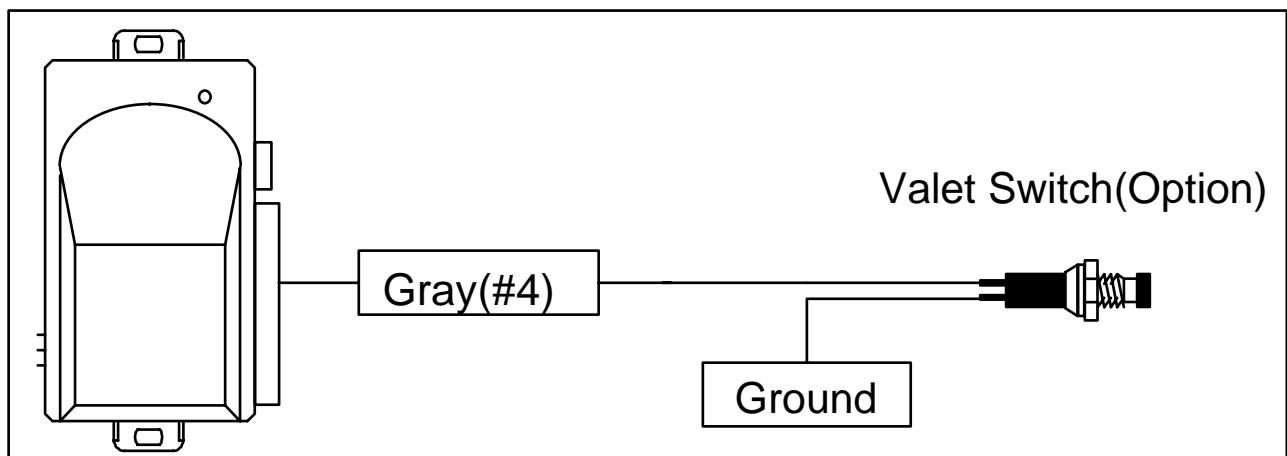
With your vehicle key in the cylinder, turn it to ignition on position (Driving Position). Then press and release the Valet Switch 5 times, after you have completed this task, LED indication will indicate a solid red light.

Note.

This equipment has been tested and found no comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures;

> **- Reorient or relocate the receiving antenna.**
>
> **- Increase the separation between the equipment and receiver.**
>
> **- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected**
>
> **- Consult the dealer or an experienced radio/TV technician for help.**

INFORMATION TO USER

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

Note.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.