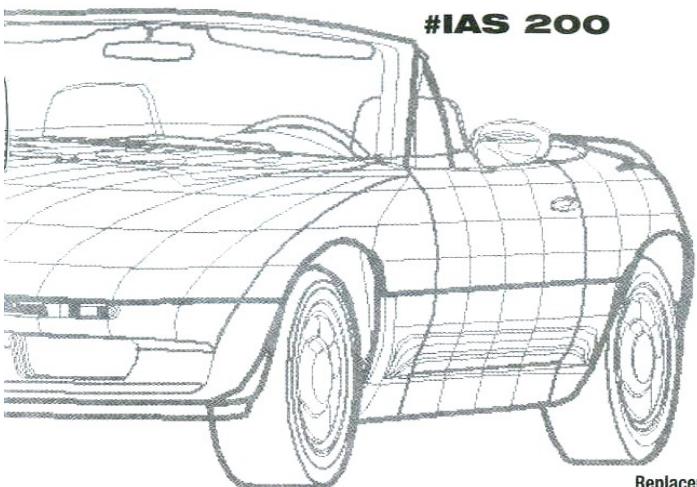




#IAS 200



Replacement Remote Part# REMOTE-IAS4A

OPERATING INSTRUCTIONS

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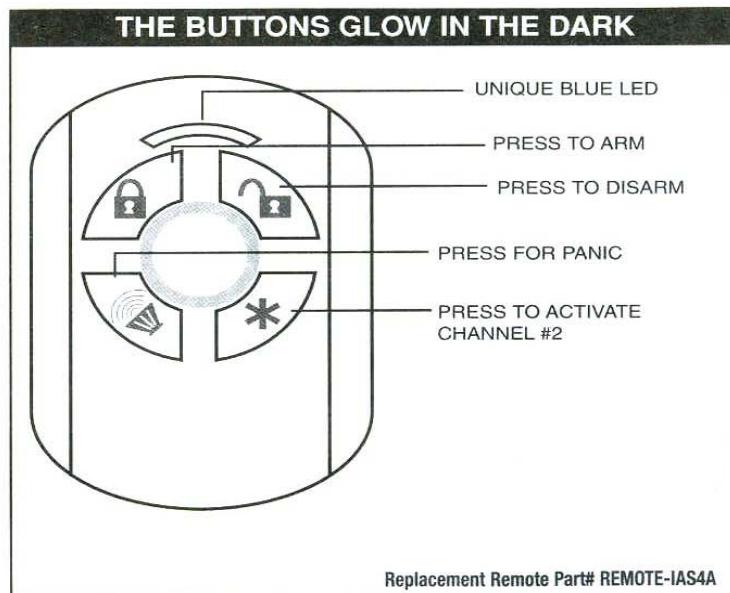
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WARRANTY CONDITIONS

Under the conditions of this warranty, M.A.S. will repair the control module if found to have a defect in material or factory workmanship for the lifetime of the car in which it is originally installed. All other components have a one year warranty from the date of purchase. The installation must be performed by an authorized M.A.S. dealer for this warranty to be valid. This warranty is offered to the original purchase and is not transferable. This warranty will be void if the product has been abused, altered, improperly installed or subjected to any other factor that is beyond the manufacturer's control. This warranty does not cover labor costs for removal or re-installation nor replacement costs of consumable items such as batteries, fuses, etc.

THE FIRST INTERNET VEHICLE RECOVERY SYSTEM

Internet Alarms Are Designed To Offer The Highest Level of Protection & Convenience. All Internet Security Systems Come Equipped With Two Pre-Programmed Remote Controls And Can Operate With Up To Four Different Remote Controls.



ANTI CODE-GRABBING PROTECTION

This Is An Anti Code-Grabbing System. The Remote Control Changes The Code It Transmits Every Time It Operates The Alarm. If A Used Or Duplicate Code Is Received The Alarm Will Automatically Trigger.

REMOTE CONTROL FUNCTIONS

ARMING/DISARMING THE ALARM:

The Alarm Can Always Be Armed Using The Remote Control Provided The System Is Disarmed. Not In Valet Mode, & The Vehicle's Ignition Is "OFF" (The Alarm Can Not Be Armed With The Ignition ON). If Any Trigger Zone (ie: Door/Hood/Trunk) Is "Open" At The Time The Alarm Is Armed Using The Remote Control, The Zone Will Be By-Passed Until The Zone Is "Closed". The Siren Will Emit A Chirp A Few Seconds After The Alarm Is Armed To Alert The User That An "Open" Zone Was By-Passed.

ARMING/DISARMING ALARM:

TO ARM/DISARM ALARM:

When Arming: Press & Release The LOCK Button The Doors Will Lock (If Connected), The Siren Will Chirp Once, & The Parking Lights Will Flash Once To Confirm.

When Disarming: Press & Release The UNLOCK Button The Doors Will Unlock (If Connected), The Siren Will Chirp Twice, & The Parking Lights Will Flash Twice To Confirm.

NOTE: All Internet Alarms Come Equipped With A Driver's Door Unlock Feature (Requires Special Installation). Please Refer To Driver's Door Unlock Section.

SILENT ARMING/DISARMING OF THE ALARM: (No Siren Confirmation Chirps)

TO SILENTLY ARM/DISARM ALARM: Press & Release Both The "PANIC" & "AUX" Buttons .

When Silently Arming: The Doors Will Lock (If Connected) & The Parking Lights Will Flash Once To Confirm.

When Silently Disarming: The Doors Will Unlock (If Connected) & The Parking Lights Will Flash Twice To Confirm.

2nd CAR OPERATION:

TO OPERATE ALARM IN A SECOND VEHICLE: Press The "AUX" Button For 2 Seconds.

• The Remote Control Programmed To Operate A Second Vehicle's Alarm Can Only Arm & Disarm The Alarm, It Can Not Operate Any Other Functions. (Refer To Remote Programming Section In Installation Instructions)

INTRUSION NOTICE:

The Alarm Has An Intrusion Memory. If The Alarm Is Triggered While It Is Armed The LED Will Flash Rapidly & The Siren Will Emit A Series Of Chirps Upon Disarming The Alarm To Alert The User.

DRIVER'S DOOR UNLOCK: (Requires Special Installation)

All Internet Systems Come Equipped With A 2-Stage Unlock Feature Which Is Similar To The Factory OEM Keyless Entry Systems Found On Many New Vehicles. This Feature Allows The User To Unlock Only The Driver's Door When Disarming The Alarm. A Second Press Of The Remote Control's Button Within 3 Seconds Of Disarming The Alarm Will Unlock The Rest Of The Doors.

UNLOCK DRIVER'S DOOR: Press & Release The UNLOCK Button On The Remote Control To Disarm The Alarm & Unlock Only The Driver's Door.

NOTE: This Feature Is Not Applicable For All Vehicles.

UNLOCK REMAINING DOORS: Press & Release The UNLOCK Button On The Remote Control Within 3 Seconds Of Disarming The Alarm To Unlock The Remaining Doors.

PANIC:

TO ACTIVATE PANIC MODE: Press & Hold The * Button For 2 Seconds.

Panic Mode Can Be Turned Off By Pressing The UNLOCK Button On The Remote Control. If Not Turned Off, Panic Mode Will Last For Approximately 60 Seconds Then The Alarm Will Reset. Panic Can Be Triggered With The Vehicle's Ignition Turned ON or OFF.

Panic With Ignition OFF:

- The Siren Will Sound, The Parking Lights Will Flash, & The Vehicle's Doors Will Unlock (if Connected).

Panic With Ignition ON:

- The Siren Will Sound & The Parking Lights Will Flash.

AUXILIARY CHANNEL #1:

TO ACTIVATE AUX #1: Press & Hold The UNLOCK Button For 2 Seconds.

This Is A Programmable Auxiliary Channel And Its Operation Will Depend On Its Programmed Setting. There Are 2 Possible Settings:

- 1) **Trunk/Hatch Release With Alarm Disarm:** This Setting Is Designed To Allow The User To Disarm The Alarm & Remotely Open The Vehicle's Trunk Or Hatch In One Step. Auxiliary Channel #1 Will Automatically Disarm The Alarm And Provide A Momentary Output Which Can Be Used To Activate A Trunk/Hatch Release If The Vehicle Is Equipped.
- 2) **High Security Car-Start Interface:** This Setting Is Designed To Allow The User To Activate A Car-Start Module Without Disarming The Alarm, Maintaining A High Level Of Security While The Vehicle Is Running. Auxiliary Channel #1 Would Provide A Momentary Output To Activate A Car-Start Module & Automatically By-Pass The Sensor Zone To Prevent False Alarms. The Door/Hood/Trunk Zones Remain Fully Protected At All Times.

AUXILIARY CHANNEL #2:

TO ACTIVATE AUX #2: Press & Hold The * Button For 2 Seconds.

- This Programmable Auxiliary Channel Will Either Provide A Constant (Output Will Stay Active As Long As Buttons Are Held Down Or Latched 30-Second Output).
- The Latched Output Will Be Aborted If A Remote Control Is Used To Operate The Alarm Within Its 30 Second Duration.

VALET THROUGH THE REMOTE:

Valet Is A Special Mode In Which All Of The Alarm's Security Functions Are Disabled Converting The Alarm Into A Deluxe Keyless Entry System. Valet Mode Allows The User To Turn Off The Security Portion Of The System While Retaining All Convenience Features. Panic, Keyless Entry & Parking Light Illumination, As Well As Both Auxiliary Channels Will Continue To Work In The Valet Mode. This Is For Situations In Which It Is Not Convenient For The Alarm To Be Armed (ie: Car-wash, Mechanic, etc).

TO ENTER/EXIT VALET MODE: Press & Release The LOCK Button Then Press & Hold The UNLOCK Button For 4 Seconds.

- The Siren Will Emit A Series Of Chirps Confirming Entry/Exit From Valet Mode.
- The LED Will Light Solid When In Valet Mode

Remote Sensor Defeat Is Designed For Situations In Which It Is Not Convenient For The Sensor To Be Active Due To Environmental Conditions Which May Cause Annoying False Alarms. (ie: The Vehicle Is Parked At The Airport)

TO ACTIVATE SENSOR DEFEAT: Press & Release The LOCK Button, Within 3 Seconds Of Arming The Alarm Press and Hold The * Button For 2 Seconds To Activate Sensor Defeat.

- The Siren Will Emit A Series of Chirps To Confirm That The Sensor Zone Has Been By-Passed.
- Only The Sensor Zone Will Be By-Passed, All Other Zones Remain Fully Protected.
- The Sensor Zone Will Automatically Reset When The Alarm Is Disarmed.

ANTI HI-JACK DEACTIVATION (MUST BE PROGRAMMED)

To Activate Anti Hi-Jack: Method Will Vary With Installation (Consult Dealer)

CONNECTION: Anti Hi-Jack Mode Can Be Wired To Trigger By Pressing A Momentary Switch While The Ignition Is "ON": "Connect The Pink Wire To A (+) Momentary Switch, Or Can Be Wired Directly To A Pin Switch On The Vehicle.

Anti Hi-Jack Operation/Deactivation:

If The Anti Hi-Jack Feature Is Activated, The Alarm Will Respond In The Following Manner:

- 1) L.E.D. Begins To Rapidly Flash. Approximately One Minute Later, The Following Will Happen:
- 2) Parking Lights Start To Flash.
- 3) Siren Output Will Sound (This Will Be A Pulsing Output While In Anti Hi-Jack Mode).
- 4) The Door Lock Output Will Pulse Every 10 Seconds, To Ensure The Doors Are Locked.
- 5) The Starter Interrupt Will Be Energized.

All Functions Will Continue While The Ignition Is "ON". Once The Ignition Is Turned "OFF", Functions 1-5 Will Continue For Approximately 2 Minutes. After 2 Minutes, The L.E.D. Will remain Flashing, The Doors Will Be Locked And The Starter Interrupt Will Remain Engaged. The Alarm Will Continue To Monitor The Doors For Any Intrusion. If A Door Is Opened, The Anti Hi-Jack Sequence (2-5) Begins Again.

To Deactivate Anti Hi-Jack W/ IGNITION AND DOOR PIN:

Once Anti Hi-Jack Mode Is Entered, A 60-Second Countdown Begins. **DURING THIS 60-SECOND COUNTDOWN** The User Can Disarm The System 2 Ways:

- 1) Press & Hold The UNLOCK Button On The Remote Control For 5 Seconds With The Ignition "ON", OR
- 2) Press & Hold The Valet Button For 5 Seconds With The Ignition "ON".

If The Anti Hi-Jack System Is Allowed To Continue Past The Initial Countdown And The Siren Begins To Sound, The Anti Hi-Jack Can **ONLY** Be Deactivated As Follows:

- 1) With The Vehicle's Ignition "ON", Press & Hold The Valet Button For Approximately 5 Seconds. This Will Disable The Anti Hi-Jack Feature.

LED: STATUS INDICATOR:

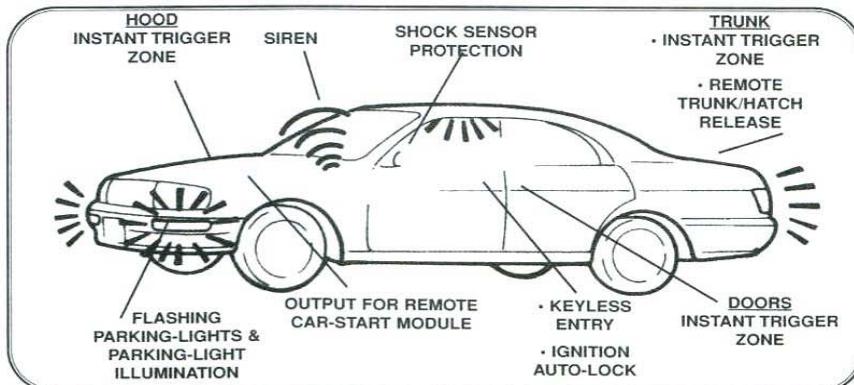
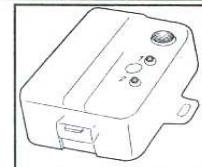
LED:	STATUS:
Off	Alarm Disarmed
Flashing Slowly	Alarm Armed
Flashing Rapidly (Alarm Disarmed)	Passive-Arm Countdown
Flashing Rapidly (Alarm Armed)	Intrusion Alert
Flashing Rapidly (Ignition "ON")	Anti Hi-Jack Countdown
On Solid	Valet Mode

DUAL-ZONE SHOCK SENSOR: (SINGLE-ADJUSTMENT)

This Alarm System Comes Equipped With A Dual-Zone Shock Sensor.

The First Zone Is A Warning Zone Which If Triggered Will Emit A Series Of Siren Chirps. The Second Zone Is An Instant Trigger Zone. The Sensor Can Be Adjusted For Appropriate Sensitivity.

NOTE: If The Sensor Zone Is Triggered 5 Times While The Alarm Is Armed, The Sensor Zone Will Be Bypassed. This Zone Will Reset When The Alarm Is Disarmed.



VALET/OVERRIDE BUTTON:

The Valet/OVERRIDE Button Has Three Functions:

- 1) To Allow The User To Place The Alarm In The Valet Mode.
- 2) To Perform An Emergency Override In The Case That The Remote Control Is Lost Or Broken.
- 3) To Re-code Remote Controls.

VALET MODE: Valet Is A Special Mode In Which All Of The Alarm's Security Functions Are Disabled Converting The Alarm Into A Deluxe Keyless Entry System. Valet Mode Allows The User To Turn Off The Security Portion Of The System While Retaining All Convenience Features. Panic, Keyless Entry & Parking Light Illumination, As Well As Both Auxiliary Channels Will Continue To Work In The Valet Mode. This Is For Situations In Which It Is Not Convenient For The Alarm To Be Armed. (i.e. Car-wash, Mechanic, etc).

TO ENTER VALET MODE:

- 1) Turn Vehicle's Ignition On.
- 2) Press And Hold The Valet/OVERRIDE Button For 5 Seconds.
- 3) The LED Will Light Solid & The Siren Will Emit A Series Of Chirps To Confirm Entry Into Valet Mode.

TO EXIT VALET MODE:

- 1) Turn Vehicle's Ignition On.
- 2) Press And Hold The Valet/OVERRIDE Button For 5 Seconds.
- 3) The LED Will Turn Off & The Siren Will Emit A Series Of Chirps To Confirm Exit From Valet Mode.

EMERGENCY OVERRIDE: In The Case That The Alarm's Remote Control Is Lost Or Broken, The User Can Perform An Emergency Override To Disarm The Alarm. An Emergency Override Would Automatically Enter The Alarm Into An Emergency Protection Mode Which Would Allow The User To Maintain Security On The Vehicle Until A Replacement Remote Control Is Available.

EMERGENCY OVERRIDE PROCEDURE: (The Alarm Must Be Armed)

- 1) Turn Vehicle's Ignition On.
- 2) Press And Hold The Valet/OVERRIDE Button For 5 Seconds.
- 3) The LED Will Stop Flashing & The Siren Will Stop Sounding.
- 4) The Alarm Is Now In Emergency Protection Mode.

EMERGENCY PROTECTION MODE: This Mode Is Automatically Entered Any Time An Emergency Override Is Performed While The Alarm Is Armed. In This Mode, Only The Shock Sensor Is Bypassed. The Starter Kill Is Completely Operational And The Doors Triggers Have A 30-Second Entry Delay. The User Must Turn "On" The Vehicle's Ignition Within 30-Seconds Of Opening A Door, Or The Alarm Will Trigger.

Emergency Protection Mode Will Automatically Reset And The Alarm Will Return To Normal Operation As Soon As A Remote Control Is Used To Operate The Alarm. If At Any Time The User Desires To Turn "OFF" The Emergency Protection Mode, The Alarm May Be Entered Into Valet Mode Using The Valet/OVERRIDE Button. (See Valet Mode Section)

How It Works:

1. An Emergency Override Is Performed, The Alarm Is Now In Emergency Protection Mode.
2. The Emergency Protection Mode Will Self-Arm 30 Seconds After The Vehicle's Ignition Is Turned Off And The Last Door Is Closed. (Standard Self-Arming Procedure)
3. The Siren Will Chirp, The Lights Will Flash Once, & The LED Will Begin Flashing Slowly To Confirm That The System Is Armed.
4. If Any Vehicle Door Is Opened, A 30-Second Count Down Will Begin. The LED Will Begin Flashing Rapidly & The Siren Will Chirp Every 2 Seconds To Alert The User That The System Must Be Disarmed.
5. To Disarm The System, The Vehicle's Ignition Must Be Turned ON Within 30 Seconds Of Opening The Door(s).
6. If The Ignition Is Not Turned On Within 30 Seconds The System Will Trigger. An Emergency Override Must Then Be Performed To Disarm The Alarm. (See Emergency Override Section).
7. Emergency Protection Mode Will Reset Any Time A Remote Control Is Used To Operate The Alarm.

PROGRAMMABLE & OPTIONAL FEATURES

PASSIVE ARMING: (SELF-ARMING)

The Alarm Can Be Programmed To Passively Arm (Turn Itself On). If Passive Arming Is Programmed The alarm Will Automatically Arm Itself 30 Seconds After The Vehicle's Ignition Has Been Turned "OFF" And The Last Door/Trunk Has Been Closed. As Long As Either The Ignition Is "ON" Or A Door Remains Open The Alarm Will Not Passively Arm.

The Parking Lights Will Flash Twice & The LED Will Begin Blinking Rapidly After The Ignition Has Been Turned "OFF" & The Last Door Is Closed To Alert The User That The 30-Second Arming Countdown Is In Process. After 30 Seconds The Vehicle's Doors Will Lock (If Programmed & Connected), The Siren Will Chirp Once, The Parking Lights Will Flash Once, The Vehicle's Starter Will Be Disabled (If Connected), & The LED Will Begin Blinking Slowly To Confirm That The Alarm Is Armed. If During The 30-Second Countdown The Vehicle's Ignition Is Turned "ON" Or A Door Is Opened The Countdown Will Stop.

PASSIVE DOOR LOCKING:

If Programmed The Passive Door Locking Feature Will Automatically Lock The Vehicle's Doors When The Alarm Passively Arms (Self-Arms).

IGNITION AUTO-LOCK:

Ignition Auto-Lock Is A Personal Security Feature Designed To Ensure That The User Always Drives With The Vehicle's Doors Locked (If The Vehicle Is Equipped). If Programmed The Alarm Will Automatically Lock The Vehicle's Doors 4 Seconds After The Vehicle's Ignition Has Been Turned "ON". If Any Door Is Open At The Time The Ignition Is Turned "ON" The Alarm Will Not Lock The Doors. The Alarm Will Unlock The Doors When The Ignition Is Turned "OFF".

PARKING-LIGHT ILLUMINATION UPON DISARM:

The Parking-Light Illumination Feature Will Illuminate The Vehicle's Parking Lights For Approximately 30 Seconds When The Alarm Is Disarmed. The Feature Will Be Aborted If The Vehicle's Ignition Is Turned "ON" Or If A Remote Control Is Used To Operate The Alarm Within Its 30 Second Duration.(PROGRAMMABLE)

NOTE: If This Feature Is Not Selected, Parking Lights Will Flash Twice To Confirm Disarm.

ANTI HI-JACK PROTECTION: (Requires Special Installation & Programming)

Anti Hi-Jack Protection Is Designed To Provide Vehicle Security In The Event That The Vehicle Is Commandeered From The User. One Minute After The Unsuspecting Thief Drives Away With The Vehicle The Alarm Would Trigger, Possibly Forcing The Thief To Abandon The Vehicle. If Programmed, The Alarm Will Enter Anti Hi-Jack Mode When Either A Door Is Opened (OR) A Switch Is Pressed While The Vehicle's Ignition Is Turned On (Depends On Installation).

Notice 1

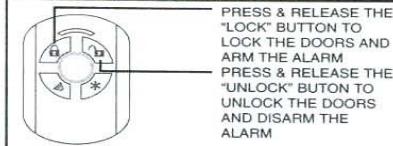
You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice 2

This equipment has been tested and found to 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.

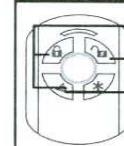
QUICK REFERENCE GUIDE

ARMING/DISARMING ALARM



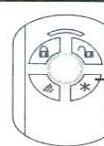
PRESS & RELEASE THE "LOCK" BUTTON TO LOCK THE DOORS AND ARM THE ALARM
PRESS & RELEASE THE "UNLOCK" BUTON TO UNLOCK THE DOORS AND DISARM THE ALARM

SILENT ARMING/DISARMING ALARM



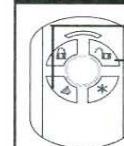
FIRST PRESS "*" THEN THE "LOCK" BUTTON TO ARM ALARM SILENTLY
FIRST PRESS "*" THEN THE "UNLOCK" BUTON TO DISARM ALARM SILENTLY

2ND CAR OPERATION



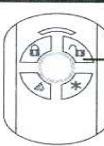
PRESS & RELEASE "*" TO ARM / DISARM THE 2ND VEHICLE

PANIC



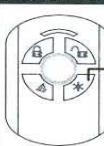
TO ACTIVATE: PRESS & HOLD "PANIC" FOR 2 SEC-
ONDS TO DEACTI-
VATE: PRESS THE "UNLOCK" BUTON ONE TIME TO STOP THE SIREN

AUXILIARY CHANNEL #1



PRESS & HOLD THE "UNLOCK" BUTON FOR TWO SECONDS TO ACTIVATE CH #1

AUXILIARY CHANNEL #2



PRESS & HOLD "*" FOR TWO SECONDS TO ACTIVATE CH #2

ANTI HI-JACK DEACTIVATION



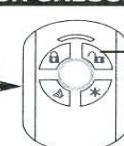
DURING THE 60-SEC COUNTDOWN, PRESS & HOLD THE "UNLOCK" BUTON FOR 5 SECONDS TO DEACTIVATE ANTI HI-JACK

DRIVERS DOOR UNLOCK



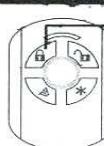
PRESS & RELEASE THE "UNLOCK" BUTON TO DISARM ALARM & "UNLOCK" ONLY THE DRIVER'S DOOR

THEN

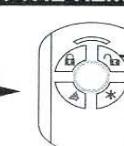


PRESS & RELEASE THE "UNLOCK" BUTON AGAIN WITHIN 3 SEC-
ONDS OF DISARMING THE ALARM TO UNLOCK THE REMAINING DOORS

VALET THROUGH THE REMOTE



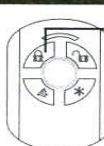
PRESS & RELEASE THE "LOCK" BUTON TO ARM THE ALARM



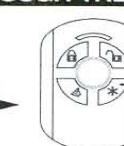
PRESS & HOLD THE "UNLOCK" BUTON FOR 4 SECONDS

NOTE: THE ALARM WILL EMIT A SERIES OF CHIRPS TO CONFIRM ENTRY INTO VALET

SENSOR DEFEAT THROUGH THE REMOTE



PRESS & RELEASE THE "LOCK" BUTON TO ARM THE ALARM



PRESS & HOLD "*" FOR 2 SECONDS WITHIN 3 SECONDS OF ARMING THE ALARM

NOTE: THE ALARM WILL EMIT A SERIES OF CHIRPS TO CONFIRM SENSOR BY-PASS