

J3S0045CH00 Owners manual & operating Instructions

www.magnum-security.com

Magnum Security

225 Technology Way • Steubenville, OH 43952



Made in America,
Guaranteed Forever

Copyright © 2000 Magnum Security, Inc.



Bronze Edition

Deluxe Remote Starter
with Keyless Entry

ITEM _____
QUANTITY TO PRINT _____ M
APPROVAL SIGNATURE _____


OWNER'S GUIDE



About JBS Technologies

In 1992 JBS Technologies opened its doors as an American owned and operated automotive security manufacturer. Today, more than a decade later, we still manufacture in America using the latest technology and robotic machinery. All units are built with the highest integrity in our Steubenville, Ohio facility. We at JBS Technologies pride ourselves on quality and customer service. Thank you for purchasing an American made product.

CONTENTS

MAGNUM BRONZE

Deluxe Remote Starter with Keyless Entry

What is Included.....	3
System Features.....	4-5
Before you Begin	6
Caution	6
Maintenance.....	7
Operator Instructions	7-8
Programming Instructions	9-11
Operating Functions - Wallet Card	13
Warranty Validation.....	13
Warranty	15

WHAT IS INCLUDED

(1) Control Module	(1) Four Button Remote Transmitter
(1) RXM Extended Range Antenna	(1) Wiring Harness
with Superbright Blue L.E.D.	(1) Owner's Manual

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

Changes or modifications not expressly approved by the party responsible for the compliance could void the user's authority to operate the device.

SYSTEM FEATURES

Remote Starter Features

1 Four-Button Extended Range Remote Controls Remotely start your car to run the heater or air conditioning from an extended distance.

Remote Programmable Automatic Hot and Cold Start Remotely program your car to start at a preset temperature. Select desired temperature from 160°F to -40°F.

Remote Programmable Low Voltage Start Remotely program your vehicle to automatically start when the battery voltage drops below 11 volts.

Remote Programmable Run Time Remotely program your vehicle to run from 5 to 15 minutes.

Remote Programmable Extended Crank Time Remotely program a longer engine cranking for hard starting vehicles.

Dedicated Start and Stop Buttons Uses separate buttons to start and stop the remote starter.

Diesel Start Capability Allows you to program the unit to remote start a diesel vehicle.

Keyless Entry Features

Remote Keyless Entry* Remotely locks and unlocks your power door locks.

Remote Programmable Ignition Controlled Door Locks* A programmable feature that locks and unlocks the doors when the brake is depressed and the ignition is on.

SYSTEM FEATURES

Keyless Entry Features

Trunk Release* Remotely opens your trunk with a push of a button.

Dome Light Supervision* Never walk up to a dark vehicle again. When unlocking the vehicle by remote control the dome light will stay on for one minute, or until you activate the ignition switch and step on the brake.

Parking Light Confirmation Confirms that your vehicle has received a remote signal and will remain on if the engine is remotely started.

Multi-Remote Learning Allows your remote starter to learn new remotes, should you want to add remotes, or if remotes are lost.

Limited Lifetime Warranty Guarantees life-long protection.

** Optional feature.*

BEFORE YOU BEGIN

Congratulations and welcome to the family of JBS Technologies. All products are made with pride in the U.S.A. Due to the complexity of this system, the installation of this product by anyone other than an authorized Magnum dealer will void the warranty.

Please read this Owner's Guide carefully prior to operating your system to thoroughly understand its features and use. For further information, please contact your local authorized Magnum dealer or visit our website at www.magnum-security.com for additional copies of this manual.

CAUTION

This unit contains a remote vehicle starter which is designed for use on fuel-injected, automatic transmission vehicles only. Use of this product on a vehicle with a standard transmission is dangerous and is not recommended or condoned.

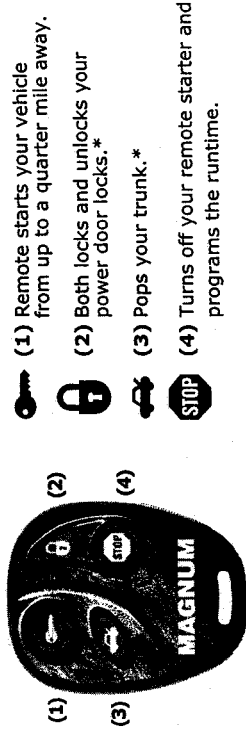
SAFETY FIRST!

Never start your vehicle if it is indoors, if the keys are in the ignition and you're sure the car is in park. **It is the responsibility of the owner to ensure that the system is not used to start the vehicle in an undesired location. It is recommended that a carbon monoxide detector be installed in the living area near where the vehicle will be garaged.**

MAINTENANCE

This system requires no regular maintenance. Your remote transmitter is powered by a small 12-volt A23 battery which can be purchased at your local authorized Magnum dealer. Its approximate life is one to two years under normal use. Indications that the battery has begun to weaken are reduced range and/or dimming of the LED on the remote transmitter.

OPERATING INSTRUCTIONS



Starting the Vehicle with the Remote Transmitter

Press and release Button #1 (Start). The parking lights will flash once, confirming the car starter received the signal. The car will then start and the parking lights will turn on and remain on while the vehicle is running. To shut off the engine before the preset time, press Button #4 (Stop), press the brake pedal or open the hood. **NOTE:** If your car does not start on the first crank it will automatically attempt to start up to 3 more times (only in Tachless Mode). In Tachless Mode, parking lights will wait approximately 10 seconds before turning on after the vehicle has been remotely started.

OPERATING INSTRUCTIONS

Keyless Entry

Press Button #2 (Lock/Unlock), the parking lights will flash once and the doors will lock. Press Button #2 again, the parking lights will flash twice, the doors will unlock, and the parking lights will remain on for one minute or until you turn the ignition on and press the brake.

Pit Stop: Exiting the Car while Leaving the Engine Running

Make sure the transmission is in park and press Button #1 (Start) before turning the ignition switch off. (The engine will remain running for the preset runtime.)

Dome Light Supervision Option

This system includes an optional output that can be used to illuminate the dome light when pressing Button #2 and unlocking your doors*. The dome light will remain on for one minute or until you turn the ignition on and press the brake.

Trunk Release Output

The remote car starter includes an optional output that can be used to do one of the following: open the trunk, roll up the windows (optional module required), close the sun roof (optional module needed) etc. This output will pulse .75 seconds when pressed and released. In instances where a continuous signal is needed such as sun roof and power windows, hold down Button #3 (Trunk) as long as the signal is needed to complete the task. The parking lights will remain on as long as this button is being pressed.

Runtime Confirmation

With the engine off, press and release Button #4 (Stop). The parking lights will begin to flash, each flash represents five minutes of programmed runtime. Example: 3 flashes = 15 minutes.

PROGRAMMING INSTRUCTIONS

WE RECOMMEND YOU USE THE DEFAULT SETTINGS SET BY YOUR DEALER.

Entering Programming Mode

Make sure your key is not in the ignition and the brake is pressed. The brake is to remain pressed as long as you want to remain in programming mode. The unit will exit the programming mode simply by releasing the brake. The parking lights will flash three (3) times confirming that you are out of programming mode.

OPERATOR PROGRAMMING

Programming Lock with Brake, Unlock with Ignition Off

Press and hold the brake, then press and hold Button #3 (Trunk) until the parking lights flash three (3) times. Release Button #3. Press and release Button #2, the parking lights will flash once. The unit will now lock with the brake and unlock when the ignition is turned off. Press and release Button #2 again, the parking lights will flash twice. The Lock with Brake feature is now turned off. Release the brake, the parking lights will flash three (3) times. The programming is now entered. **NOTE:** Factory setting is Lock with Brake off.

Programming Low Voltage Start

Press and hold the brake, then press and hold Button #2 (Lock/Unlock) until the parking lights flash twice. Release Button #2 (Lock/Unlock). Press and release Button #1 (Start). The parking lights will flash twice. Low Voltage Start is now on. Release the brake, the parking lights will flash three (3) times. **NOTE:** The factory setting is Low Voltage Start off.

PROGRAMMING INSTRUCTIONS

Programming Cold Start

Press and hold the brake, then press and hold Button #2 (Lock/Unlock) until the parking lights flash twice. Release Button #2. Press and hold Button #2, the parking lights will flash once. Each continuous flash represents a progression in degrees: one (1) flash = -40°F, two (2) flashes = -30°F, three (3) flashes = -20°F, four (4) flashes = -10°F, five (5) flashes = 0°F, six (6) flashes = 10°F, seven (7) flashes = 20°F. To disable Cold Start, press and hold Button #2 until the parking lights flash seven (7) times, then two (2) quick flashes 8 and 9. The Cold Start is now disabled. Release the brake, the parking lights will flash three (3) times, the programming is now entered. **NOTE:** The factory setting is Cold Start off.

Programming Hot Start

Press and hold the brake, then press and hold Button #2 (Lock/Unlock) until the parking lights flash twice. Release Button #2. Press and hold Button #3, the parking lights will flash once. Each continuous flash represents a progression in degrees: one (1) flash = 160°F, two (2) flashes = 150°F, three (3) flashes = 140°F, four (4) flashes = 130°F, five (5) flashes = 120°F, six (6) flashes = 110°F, seven (7) flashes = 100°F. To disable Hot Start, press and hold Button #3 until the parking lights flash seven (7) times, then two (2) quick flashes 8 and 9. The Hot Start is now disabled. Release the brake, the parking lights will flash three (3) times, the programming is now entered. **NOTE:** The factory setting is Hot Start off.

NOTE: Only Cold and Hot Start functions can be enabled at the same time. If button #1 is pressed for programming, Cold/Hot Start is disabled. When Buttons #2 and #3 are pressed, Low Voltage Start is disabled.

Key Pres lock and and **Pit** Mal ign **Do** Thi wh for **Tr** Th fol su pr ro to pl **R** V t f

PROGRAMMING INSTRUCTIONS

SPECIAL PROGRAMMING MODE:

Runtime Programming (Engine Off)

Press and hold Button #4 (Stop) for approximately 10 seconds. The parking lights will begin to flash, each flash represents 5 minutes with the maximum being 15 minutes, 3 flashes. Simply release button at whatever runtime you desire. To check programmed runtime, press and release Button #4 (Stop). The parking lights will flash for the amount of runtime you have programmed the unit for.

WARRANTY VALIDATION

REGISTER ON LINE AT WWW.MAGNUM-SECURITY.COM OR FILL OUT THIS FORM AND MAIL IT TO MAGNUM TO REGISTER YOUR WARRANTY.

Your Name: _____

Address: _____

Email Address: _____

Dealer Name: _____

Address: _____

Date of Purchase: _____ / _____ / _____ Model: Magnum Bronze

Make/Model of Car: _____

Year of Car: _____ V.I.N. #: _____

Final Quality Check By: _____

Mail to:

JBS Technologies, 225 Technology Way • Steubenville, Ohio 43952

KEEP THIS CARD IN YOUR WALLET

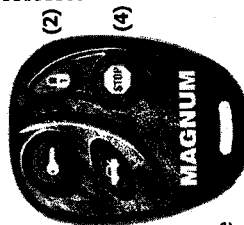
Remote Starting: Press and release Button #1.

The parking lights will flash once confirming the signal was received and the vehicle will start. Once running, the parking lights will turn on and remain on. If start fails, the unit will make two additional attempts.

Lock/Unlock: Press and release Button #2. The parking lights will flash once and the doors will lock. Press Button #2 again, the parking lights will flash twice and the doors will unlock.

Pit Stop: Exiting the vehicle with the engine running. Make sure the vehicle is in park. Press Button #1 and then turn the ignition to the off position. The vehicle will remain running.

Trunk Release: Press and release Button #3, the parking lights will flash and the trunk will open (if installed).



OWNER'S WARRANTY

Here's how your warranty works:

JBS Technologies warrants to the original customer, in the originally installed vehicle a limited lifetime warranty, providing the system was installed by an authorized dealer.

Within 12 months of purchase, JBS Technologies will repair or replace, our option, any defective system at no charge. After 12 months from date of purchase, JBS Technologies will, at our option, repair or replace the system for a \$20 shipping and handling fee.

Installation, labor, removal and reinstallation are not the responsibility of JBS Technologies. Registration must be completed and sent in within ten (10) days of purchase in order to validate the warranty. JBS Technologies makes no warranty against the theft of a vehicle or its contents. This warranty is not to be construed as an insurance policy against loss.

Incidental, consequential an/or indirect damages are expressly disclaimed. No person or entity is authorized to alter, amend or increase this limited warranty. All parts and accessories are covered under the expressed warranty with the exception of the remote transmitter battery.

The Dealer and/or consumer will be responsible for freight or shipping charges to JBS Technologies on all merchandise returned for repair or replacement. JBS Technologies will be responsible for any freight or shipping charges on product returned or exchanged back to the Dealer and or consumer.

DISCLAIMER

JBS Technologies disclaims the warranty of merchantability and fitness for any particular use. This disclaimer shall be effective as to all claims of any kind made by or through any wholesaler, retailer, consumer or any other person or entity. Some states do not permit the disclaimer of implied warranties in some sales. Hence, this disclaimer may not apply to you.

LIMITATION OF REMEDIES

Consumer's remedy is limited to repair or replacement of the unit, and in no event shall exceed the purchase price. Incidental, consequential an/or indirect damages are expressly disclaimed. No person or entity is authorized to alter, amend or increase this limited warranty.