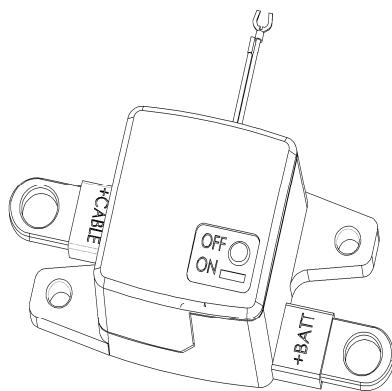


# KingStart BatteryGuard (Model No. BG360RE/BG360)

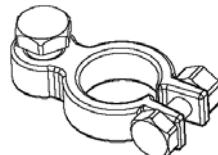
## Consumer Instruction Manual

Follow these instructions closely for correct installation :



**Main Unit with ON/OFF switch and LED indicator**

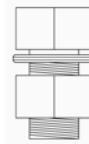
### Installation Accessory :



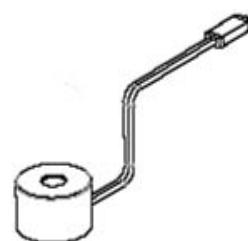
**Battery Connector**



**Positive Post**



**Screws.**



**Buzzer**



**Remote x 2 PCS**

**1**

**Ensure the ignition is turned off**, and all other equipment, such as GPS and other car alarms are also turned off.

Open the Car hood (or any other access to the car battery).

**2**

**Remove the negative cable** of your car battery. (Black or marked - ) This is intended for your safety, to prevent any sparking during the installation.

**3**

Remove the positive cable (red or marked with +) from the battery post of the vehicle

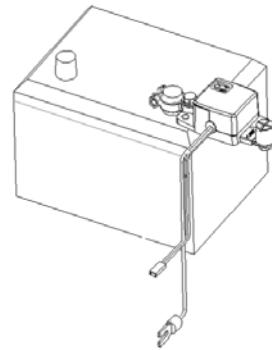
**4**

Connect the positive(+) side of the BATTERYGUARD marked "BATT+" to the positive post of the Vehicle Battery and firmly attach it with the included Battery Connector and screws. Please be sure to tighten the screw securely **and ensure that the red plastic insulator cap (included) is installed over the connector.**

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## Installation :

Please use the accessory – Battery Connector to install the unit with Battery.



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## 5

Connect side of the BATTERYGUARD marked "CABLE+" to positive power cable and firmly attach it with the included Positive Post and screws. Ensure it is tight and secure. **Use the vehicle insulator cap to cover the connection for proper insulation**

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## 6

Now return the negative cable of the car battery, which had been removed in Step 2, back to the negative post of the vehicle. Install the negative earth wire (black or marked - ) of the BATTERYGUARD in the bolt assembly and tighten securely.

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## 7

Now attach the Buzzer. Ensure the surface of the location is clean before attempting to mount it. Pull off the double sided tape from the bottom of the Buzzer and attach it on to a secure place away from any moving parts or any heat source of the engine.

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## 8

The installation of the BATTERYGUARD is now complete and the main unit will show the Blue LED flash. Now you can close the engine hood. At this stage the BATTERYGUARD can be used as a GUARD against battery drain or with the remote control to immobilize the engine by cutting off battery power, the BATTERYGUARD will now be ready to secure your vehicle.

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**After installation, please run a test using the operation manual.**

### **NOTICE**

All vehicle settings dependent on battery power will need to be reset after Installation.

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### **Transferring the BATTERYGUARD to a new battery**

BATTERYGUARD can easily be transferred to a new battery. When changing batteries, **always ensure that you disconnect the vehicles negative cable and the Negative wire of the BATTERYGUARD FIRST**, then the vehicle positive cable from the BATTERYGUARD before moving the unit. Then follow the installation instructions again to reinstall on a new battery.

# **Operating Instructions – BG360R Remote Control**

## **A. Activating the BATTERYGUARD (to start anti-theft function)**

1. If your vehicle is not equipped with an alarm system, press the button  on the remote control to activate the "BATTERYGUARD" anti-theft function.
2. If your vehicle is already equipped with an alarm system, it is important to start the function of the existing car alarm first. Then press the button  on the remote control to activate the "BATTERYGUARD", anti-theft function.
3. When you press the button  , a long acoustic 110 dB "Beep" will sound, the blue LED indicator on the remote control will light up and the LED color on the main unit will change to Yellow, to indicate that the transfer of the signal has been completed.

## **B. Deactivating the BATTERYGUARD (to release the anti-theft function)**

1. If your vehicle is not equipped with an alarm system, press the button  on the remote control to deactivate the "BATTERYGUARD", anti-theft function.
2. If your vehicle is already equipped with an alarm system, first press the button  on the remote control to deactivate the "BATTERYGUARD", anti-theft function. Then deactivate the original alarm system.
3. When you press the button  , two short acoustic 110 dB "Beeps" will sound, the blue LED indicator on the remote control will light up and the LED color on the main unit will change to Blue, to indicate that the transfer of the signal has been completed

**Please note, when it is installed, the BATTERYGUARD automatically begins to GUARD the battery. But if you are using the remote to disconnect the battery , please hold the remote button for a few seconds longer. Kindly try it again. ( the few seconds delay on the remote button is a safety feature , to prevent accidental pressing of the remote button)**



### **NOTE :**

**If the Battery Power is disconnected using the Remote Control, then, it can be reconnected, ONLY, by using the Remote Control again.**

## **The LED indication on Main Device**

1. Blue LED flash : The Battery Power is connected and the unit will start watching the drain on the battery.
2. Red LED flash : The Battery Power is disconnected automatically due to low voltage.
3. Yellow LED flash : The Battery Power is disconnected by Remote Control.
4. White LED flash : Press the ON/OFF button on the main unit to switch OFF BATTERYGUARD, the system has entered the BY PASS Mode.

## **What to do if the battery power is disconnected automatically not by Remote Control :**

BATTERYGUARD will prevent your battery going “dead” by disconnecting power from the battery automatically before it reaches dangerously low levels, saving power for emergency engine start. If you DID NOT use the remote control to disconnect the battery power and your car has no starting power, your BATTERYGUARD has disconnected the power from the battery automatically. (due to drain on the battery by some car accessory or power been left on causing this drain on the car battery.)

Follow these simple instructions to reconnect the battery :

1. To reconnect the battery and use your emergency starting reserves, switch ignition and all accessories off, wait 1 minute, simply press the black “ON/OFF” button on the main unit to switch OFF BATTERYGUARD or just simply press the  button on the Remote control and then start the engine within 30 seconds.
2. You can now restart your vehicle. If the engine does not start after 15 seconds of cranking, (it is generally recommended not to crank the engine for more than 15 seconds at a time) release the key, wait a minute or two and try again.

After reconnecting and restarting your vehicle, engine running time of at least 30 minutes is normally enough to restore your batteries charge, otherwise it is recommended you drive to a garage or battery service centre to have your battery checked or replaced, and to check if it is receiving charge from the alternator.

3. Reprogram any vehicle memory device or accessory after reconnection.

### **NOTICE :**

BATTERYGUARD will not disconnect the battery as long as the engine is running.

## **12 month Warranty**

BatteryGuard comes with a 12 month warranty against defects or failure within 1 years of purchase.

Warranty does not cover failures due to accidental damage, if submerged in water, misuse or failure to follow installation instructions. If the unit is open without the manufacturer's assistance, it will completely void the warranty.

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. 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.

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

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