WIRELESS REMOTE CONTROL

USER'S MANUAL & OPERATING INSTRUCTIONS

Part No.27027

READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS IN THIS MANUAL BEFORE BEGINNING INSTALLATION. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE EQUIPMENT AND/OR VEHICLE, SERIOUS INJURY, OR DEATH.

PLEASE RETAIN THIS MANUAL FOR FUTURE REFERENCE.

⚠ WARNING

- Please read this instructions carefully before installing this product. It is recommended to consult a professional installer to prevent damage to vehicle and/or system.

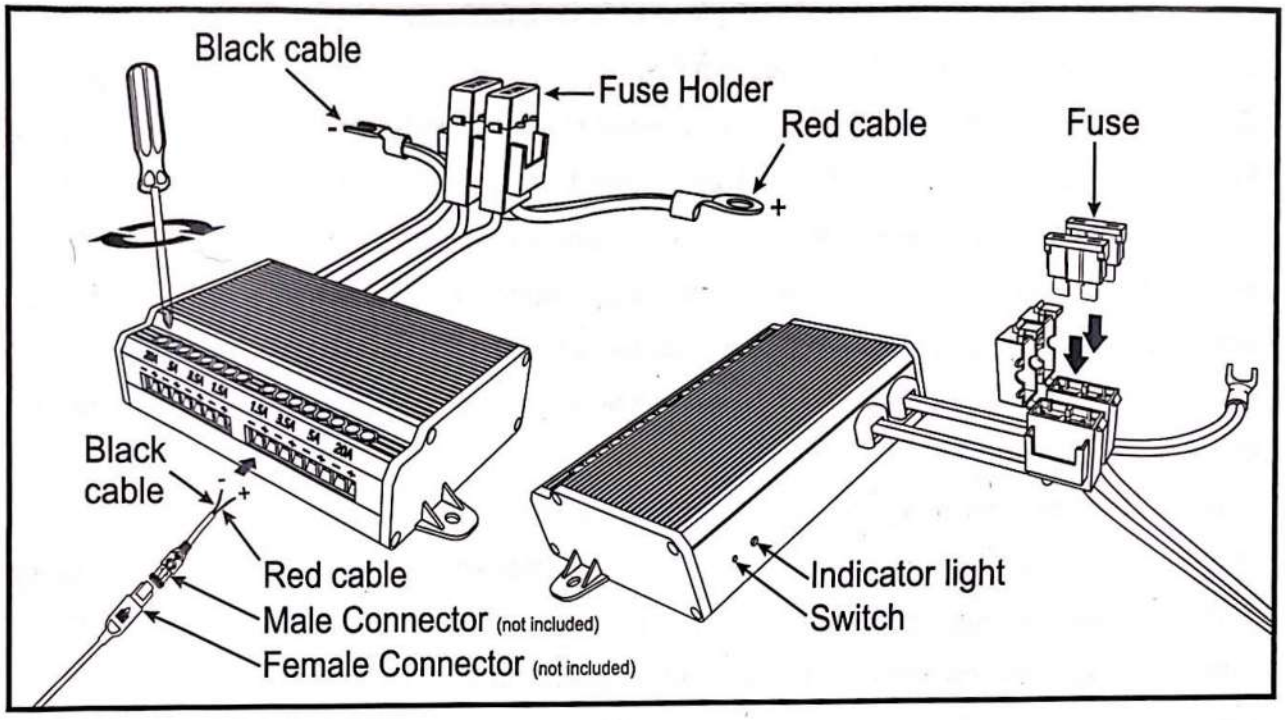
- Use the specified voltage DC 10-28V. Over or under the voltage range system will shutdown automatically and the red color LED will be lit on for warning, after the voltage recover to the normal state, system will be back again and red LED off. When user connect the control box to car battery, system will check the battery type 12V or 24V first, and set the voltage monitoring to the proper range.

TECHNICAL SPECIFICATIONS

- Designed to work in a wide range of temperatures: -15°C ~ 80°C.
- Remote has a range of up to 50 ft.
- Each channel is independent of other channels and will not interfere with them.
- Reverse power cable polarity connected protection: in this case system will not work, red LED inside the box will be always on, and user can see the red light thru the paring switch hole.
- Low-voltage protection circuit to protect battery from being completely drained.
- Unit will shutdown when the low battery voltage drops to 9.5V@12V battery, 19V@24V battery to protect battery from being completely drained.
- Each terminal is protected for current overload.
- Thermal protection. The unit will automatically shut down when the unit temperature reaches 110°C It will automatically recover when temperature drops below 80°C.
- While the system is not in operating, it will be entered into standby mode directly and the current is at about 7mA. Once the keypad is pressed system will be on instantly.
- External fuse holders for easy access.
- Rolling code technology prevents duplication and interruption by other remote devices.
- In case the remote is lost, a replacement remote can be paired with the existing module, rather than an entire unit.

Rated input voltage	DC 10V to 28V
Working Voltage	DC 10V to 28V wide range
Max output current	60A
Input voltage protection	DC 9.5~15V @12V battery DC 19~28.5V @24V battery
Working temperature	-15~80°C
Fuse	30A x 2
Remote control battery	12V/Size 23A Alkaline
Thermal shut off temperature	120°C
Wireless Range	Up to 50ft

INSTALL THE REMOTE



Step 1: Find a suitable flat surface near the battery, clean the surface free of dirt and oil and then affix the unit using provided adhesive strips and/or mounting holes.

Step 2: Disconnect the vehicle battery.

Step 3: Remove the two fuses from their holders.

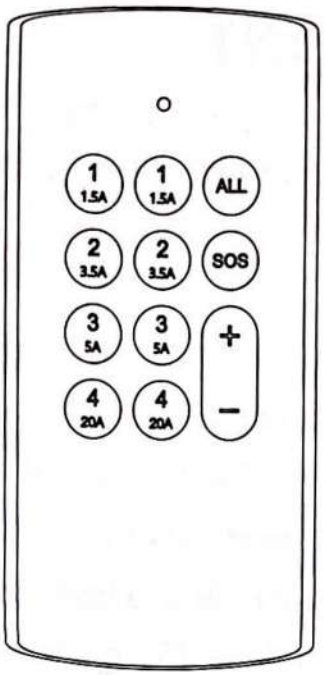
Step 4: Securely attach the positive (Red) cable of the receiver to the positive terminal of the battery (or battery cable) and the negative (black) cable of receiver to the negative battery cable or chassis.

Step 5: Attach the auxiliary lights/equipment following correct polarity on the terminals and not exceeding the maximum amperage of the channels (amperage printed on receiver and corresponds to amperage printed in the remote control for each bank of terminals).

Step 6: Reconnect battery cables.

Step 7: Insert the two fuses back into their holders and snap the covers closed.

Step 8: Test by pressing remote button and checking accessory operation.
Remote includes a 12V (A23 Alkaline) battery.



Keypad:

I. <1>~<4> correspond to the related output terminals, and toggles on/off it respectively.

II. <ALL> toggles on/off all the output terminals.

III. <SOS> toggles on/off SOS signal.

IV. <+> increase the output power of the selected terminals, long press the key for up fast.

V. <-> decrease the output power of the selected terminals, long press the key for down fast.

PAIRING PROCEDURE

1. Point the remote control to the main unit and using a small screwdriver press the black switch. The green light will light up.
2. Now press any one of the four buttons on the remote to pair and the green light should turn off indicating successful pairing.

FCC Statement

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

IC Statement

Canada, Industry Canada (IC) Notices

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.