Overview

This product is a professional wire management system that is linked to your smartphone. The WMS is designed for operating accessories (including lights, horns, warning beacons, etc.) typically used on work or off-road vehicles (trucks, jeeps, ATV/UTV, boats, heavy equipment, farm equipment, etc.).
The unit works on 12V DC and provides output to four terminals which are protected by a 40A fuse.

Please note that before you can operate this system, you need to download and install BLAZER LINK app for your smartphone.

Installation

Main Unit

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

2. Do not connect to 24V DC or higher voltage system, as this product is designed for a 12V DC battery system. In case you have a larger than 12V DC system, check vehicle owner's manual to determine if a 12V DC output is available and how to connect in order to use it safely, otherwise, the product will be damaged.

3. 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.

4. Remove the 40A fuse from the holder and disconnect the vehicle battery.

5. Securely attach the positive (red) cable of the WMS unit to the positive terminal of the battery (or battery cable) and the negative (black) cable of the WMS to the negative battery cable or chassis.

6. Attach the auxiliary lights/equipment following correct polarity on the terminals and not exceeding the maximum amperage of the channels (amperage printed on WMS and corresponds to amperage printed on the remote control for each terminal). See FIG 1

7. Reconnect battery cables.

8. Insert the 40A fuse back into its holders and snap the cover closed.

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App Instructions

9. Download and install BLAZER WMS app for your smartphone operating system. Available on app stores.

10. For initial setup, tap the "radio" icon to go to the "Connect" screen. Simply select the module and enter the appropriate numerical password.

11. Once connected, hit the back button to return to the main screen.

12. Now, select your vehicle type by tapping on the arrow to the right of the initial schematic.

13. Next, select Light Position setup to assign lights to different locations on your vehicle. Tap on the terminal and then tap on the desired location. Repeat this for the remaining terminals and then hit enter to return to the main screen.

14. You are now set up to operate your Lights.

15. Activate the system by tapping the power icon . It will turn green to indicate that it is powered on .

16. Now, select a light. The light icon will turn blue to indicate it is the active selection.

17. You can turn on and off the light via the "individual Terminal ON/OFF" switch.

18. Note, terminal 2A is used in conjunction with a warning light with different strobe patterns built into it. Turning on and off this terminal advances the flash to the next flash pattern. In absence of a warning light, this terminal can be used just like the other terminals in order to power on and off lights etc..

    a. Most warning lights with strobe function will have three wires. Black, red and yellow. Black is to be connected to negative of 18A, red to positive terminal of 18A and yellow is for advancing the strobe patterns. Consult with the manufacturer of the light to determine if yellow is on the negative side of the circuit or on the positive side and connect it to the appropriate polarity of

    terminal 2A .

19. Terminal 2B has been specifically designated for additional light controls. With applicable lights, you may use the respective sliders to adjust both brightness and flash speed.

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20. Once the lights have been set up as desired, the whole system can turned on and off by the master power button ⏻ . When this master power icon is grayed out, all the lights will be off.

21. Additional features can be found in the settings tab ⚙, indicated by the gear icon.

      b. The Low Voltage Alarm - If the Blazer Link detects that your battery level is lower than the set voltage, it will notify you via the alarm.
      c. Timing Shutdown - allows you to set time period when you want your lights to automatically turn off to prevent unnecessary battery draining.
      d. You can also rename your device and set a new password.

22. Back on the main screen, select the Battery icon to view readout of your battery level and voltage standing. Additionally, this is the icon that will turn red and notify you when your battery level has reached the low voltage level you defined earlier in the settings tab. It is also possible to pick one of the five audible sounds or vibrator, which will alert you.

23. Once set up, try to manipulate each light to ensure that the system is working without issue.

Specifications

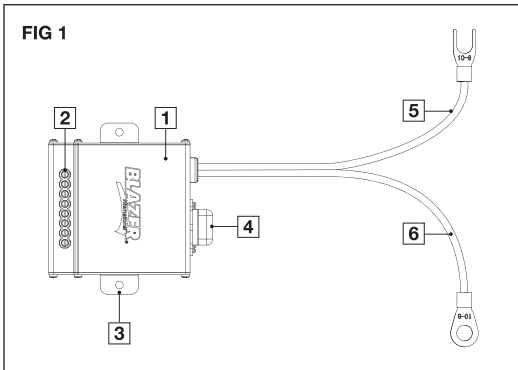|	
Standard design	12V, max 40A
Rated input voltage	DC 13V
Working voltage	DC 11-15V
Input low voltage protection	9.5V +/- 0.3V DC
Working temperature	0°F - 225°F / -17°C - 107°C
Fuse	40A
Low-voltage protection circuit	9.8V +/- 0.3V DC. with 8 sec delay
Thermal shut off temperature	248°F / 120°C
LED Light	24in Double Row Spot and Flood

FIG 1

FIG 1	
1	Main Unit
2	Terminals
3	Eyelet for Mounting Installation
4	Fuse Holder
5	Negative Cable
6	Positive Cable

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Troubleshooting

Symptom	Possible Cause and Solution
Auxiliary lights/equipment not operational.	1. Wires not connected properly in the terminals 2. If the contacts don't open, gently push downwards on the screws 3. App on smartphone not connected (paired) to the main unit. Reconnect 4. Vehicle battery voltage below 9.8V +/- 0.3V DC. Charge battery. 5. Main unit not connected/ incorrectly connected to the battery source. Check connection and polarity of WMS. 6. Blown fuse/Replace fuse. 7. Pairing between the remote and main unit disrupted. Pair the system
Some accessories/lights will not come on.	Check wire polarity for those items.
Light/accessory comes on momentarily.	That channel is being overloaded. Make sure the amperage of the light is less than that stated at the terminal (check fuse).

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

Note: 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes:
(1) Cet dispositif ne peut causer des interférences; et
(2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

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