

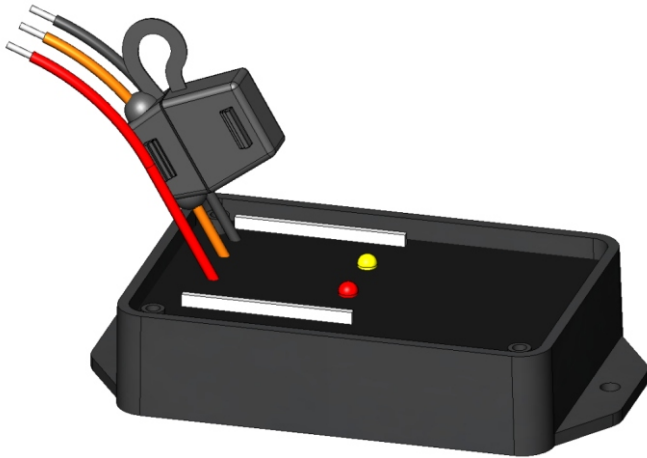


WIRELESS AUXILIARY POWER MODULE

INSTALLATION GUIDE

MODEL: WAUX1

NOVA ELECTRONICS, INC.
36 Doctor Foote Rd. Colchester CT 06415
Tel: (860) 537-3471 • Fax: (860) 537-0656
www.strobe.com

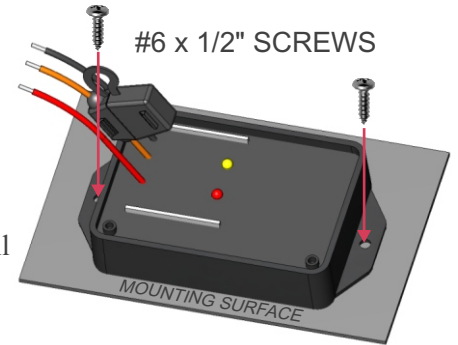


MOUNTING

Mount the auxiliary module to a flat surface using the supplied screws. The base of the unit can be used as a template for marking the 7/64" pilot hole locations.

The auxiliary module may be mounted in damp locations. Be sure to seal the wire connections.

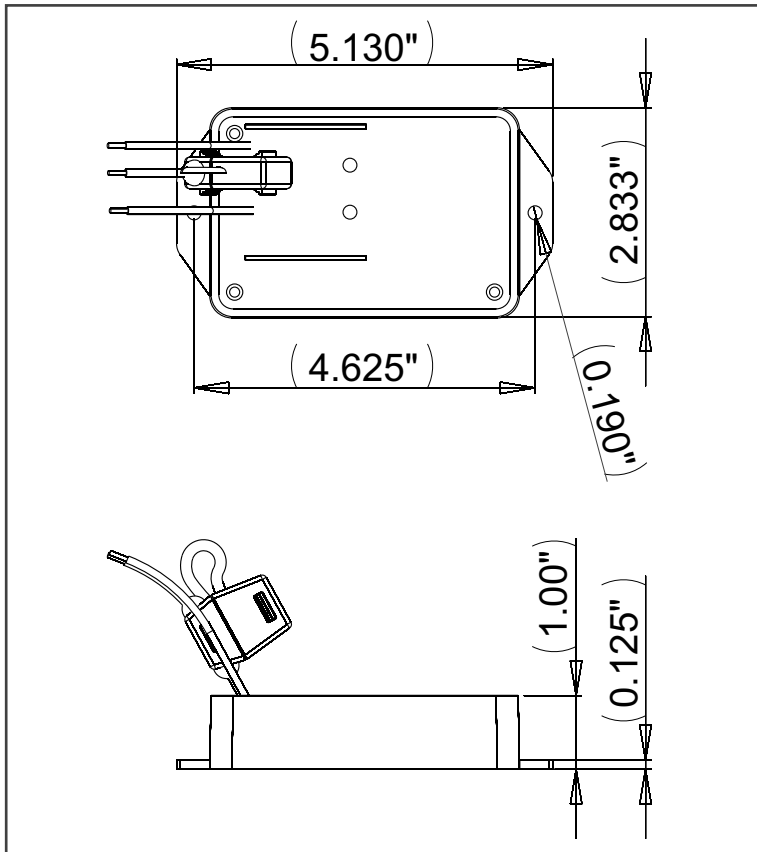
Do not mount near strong magnetic fields as this will trigger BIND MODE (next page).



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE 12.8Vdc (10 to 16 Vdc)
OUTPUT CURRENT 20 AMPS
CURRENT DRAW
IN STANDBY MODE 7ma (0.007 Amps)

DIMENSIONS:



ELECTRICAL CONNECTIONS

ORANGE (WITH FUSE): (+12V IN)

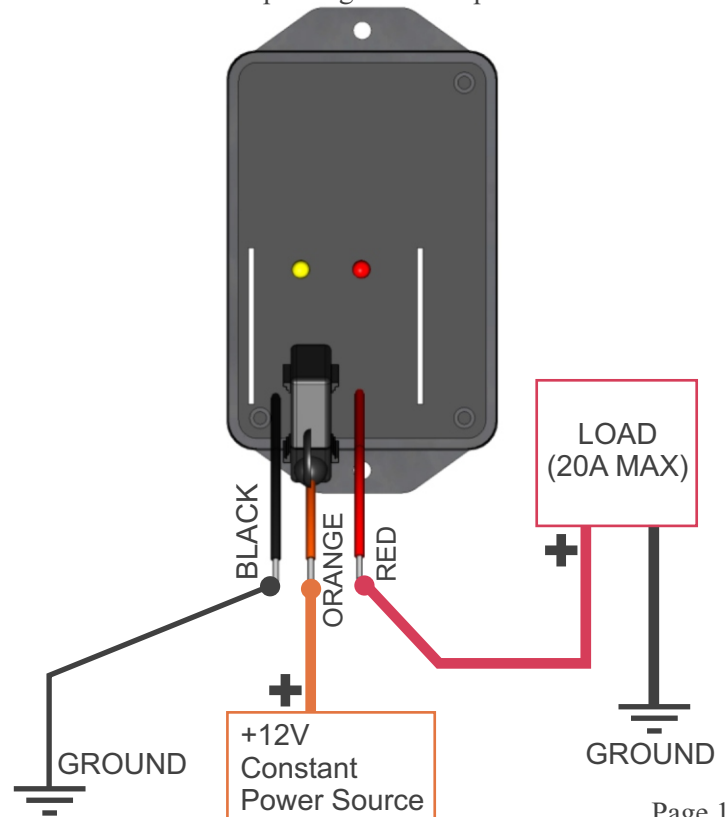
Connect to a +12V **constant power** source capable of delivering at least 25 amps. Use a minimum of 12AWG wire.

BLACK: (GROUND)

Connect to - Ground (vehicle chassis). Current through the BLACK wire is less than 1 AMP. Use a minimum of 18AWG wire for this connection.

RED: (LOAD +)

Connect to the device(s) to be switched ON/OFF. Use a minimum of 12AWG wire. Do not exceed the 20 Amp rating of the output.



ITEMS INCLUDED

- (1) Wireless Auxiliary Power Module.
- (2) #6 x 1/2" Stainless Steel mounting screws
- (1) 25 AMP ATO Fuse. (Installed in splash-proof holder)

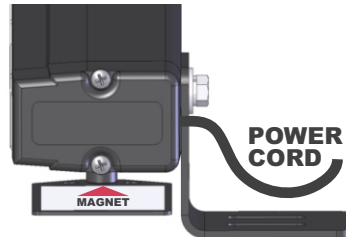
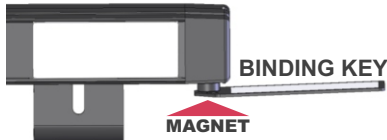
THE AUXILIARY MODULE MUST BE BOUND TO AN ARROW BAR BEFORE IT CAN BE USED!

Note: You may bind as many auxiliary modules to an arrow bar as you wish.

Locate the **BINDING KEY** which was supplied with the WTB system.



ARROW BAR



1) Hold the **MAGNET** on the binding key just behind the screw on the bottom side of the arrow bar. It must be on the **RIGHT SIDE** where the power cord is located.

2) After **2 SECONDS** the arrow bar will display a slow inward arrow then alternate the two led heads in the middle. **Do not remove the magnet until it shows the bind mode display.**

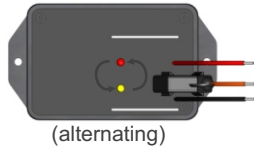


3) When it has reached **BIND MODE**, Remove the magnet from under the arrow bar. The arrow bar will stay in bind mode for 30 seconds. (If you do not successfully bind a device within 30 seconds the arrow bar will turn off)

AUXILIARY MODULE

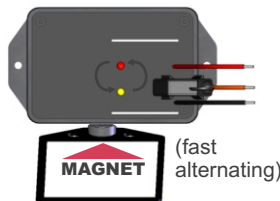
4) (Auxiliary module must be connected to power to proceed)

The **YELLOW** and **RED** LEDs on the auxiliary module will be alternating to indicate that it is not bound to an arrow bar.



Hold the **BINDING KEY** magnet on the side of the auxiliary module next to the **YELLOW** LED.

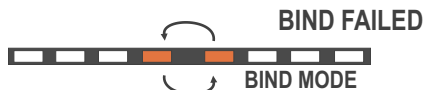
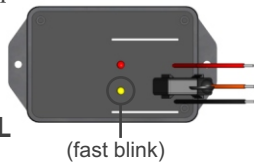
HOLD MAGNET FOR 5 SECONDS. (After the first 2 seconds the **RED** and **YELLOW** LEDs will blink faster.)



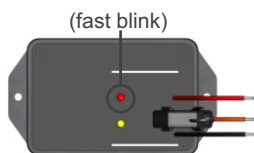
If successful, the **YELLOW** LED will blink fast for 3 seconds. The arrow bar will show an inward-outward pattern and then turn off.



BIND SUCCESSFUL



BIND FAILED
BIND MODE



The **RED** LED will blink if it fails to bind. A bind failure would most likely indicate that the auxiliary module could not communicate with the arrow bar. If it is surrounded by a large amount of steel it may be necessary to relocate the auxiliary module.

Press the **AUX** button on the wireless remote to turn the auxiliary module **ON/OFF**. The **RED** LED on the wireless remote and the **RED** LED on the auxiliary module show the status of the output.

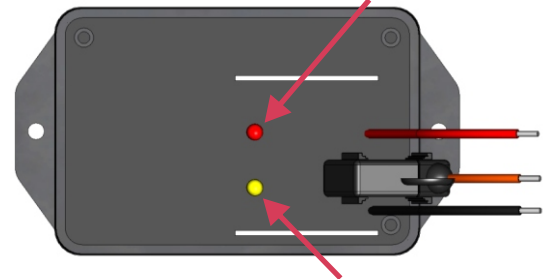
Note: There can be up to a 1/2 second delay from when the **AUX** button is pressed to when the output indicator and the aux device actually turns on.

THE ARROW BAR MUST BE CONNECTED TO POWER FOR THE AUXILIARY MODULE TO FUNCTION PROPERLY!



AUX BUTTON

OUTPUT INDICATOR



STATUS INDICATOR

The **YELLOW** LED is normally **OFF** and will blink once if there is an error communicating with the arrow bar. If the **YELLOW** LED is blinking once per second it indicates there is a problem with the wireless system, or that the arrow bar has been disconnected from power.

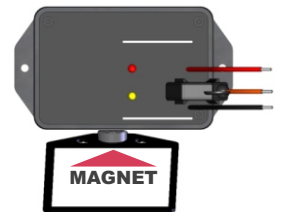
EMERGENCY TURN-OFF

If the wireless remote is lost or the batteries have died the auxiliary module may be turned off with the **BINDING KEY**.

Hold the **MAGNET** on the binding key next to the **YELLOW** LED on the auxiliary module. Hold for **1 SECOND** until the **RED** LED turns off. Do not hold longer or it will enter **BIND MODE**.



BINDING KEY:
Keep in glove compartment of vehicle at all times.



FUSE

If the fuse blows, locate the wiring problem and replace with a **25 AMP** ATO fuse. **DO NOT USE A FUSE LARGER THAN 25 AMPS.** The fuse is located inside the splash-proof holder.

