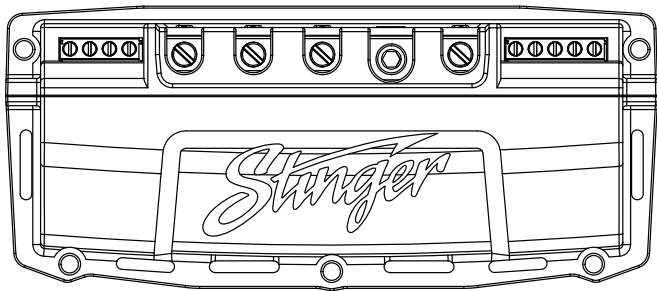


Stinger



SPXSH440

SWITCH↑ HUB↓



Quick Start Guide



PRECAUTIONS

Disconnect the vehicle's negative battery cable before making any wire connections.

Protect all vehicle surfaces with tape or plastic.

Do not install components in any location that will hinder vehicle operation, such as steering wheel, gearshift, air bags, hazard switch.

Bundle cables and harnesses with electrical tape or wire ties to prevent them from interfering with moving parts.

Never attempt to disassemble or modify the product. Otherwise, an accident, fire or electric shock may result.

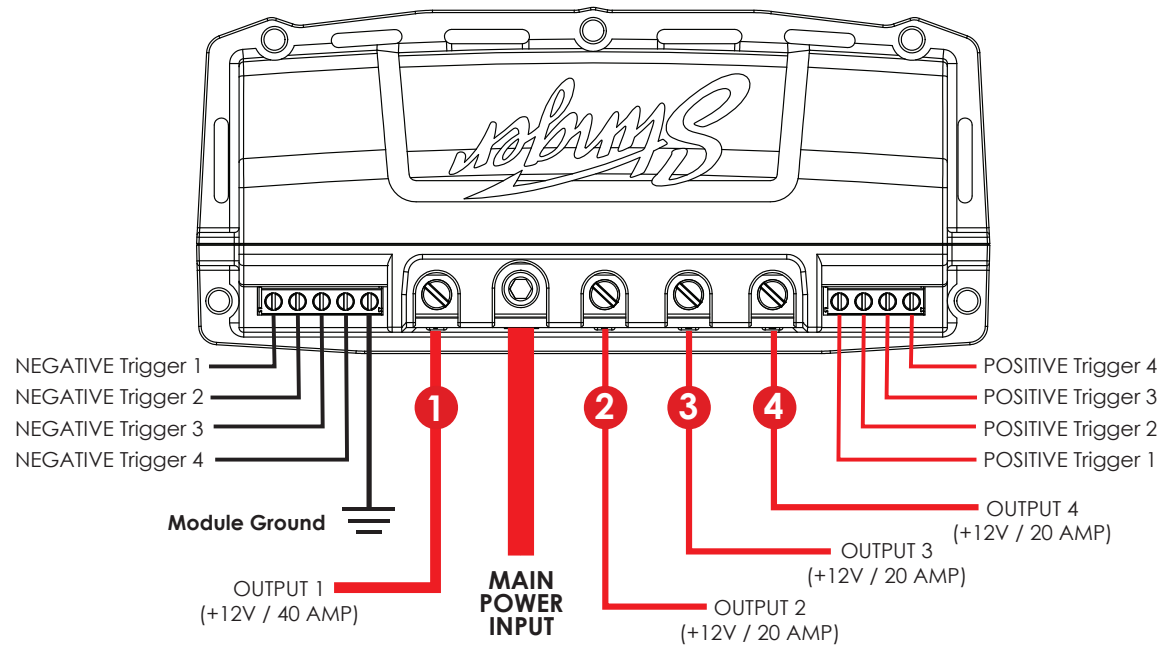
Exposed wires must be insulated with electrical tape. Otherwise, a short circuit, fire, or electric shock may result.

To prevent damage to the vehicle, confirm the locations of hoses, electrical wiring, and the fuel tank prior to drilling holes to install this product.

When it is necessary to replace the fuse, always use a fuse of the correct rating (number of amperes). Use of fuses with higher amperage ratings may cause a fire.

Overview

SwitchHub is a solid state relay hub with 4 independent outputs. One 40 amp output and three 20 amp outputs, for a combined total of 100 amps continuous output. Each output can be independently triggered by a positive or negative trigger. Outputs can be combined for applications that require more than a single output amperage rating. Each output has automatic thermal overload protection with LED status indicators.



Main Power Input - Connect to Battery Positive. A inline fuse should be used if power source is over 18" away.

Module Ground - Connect to Chassis Ground

NEGATIVE Triggers 1-4 - When a Negative (-) signal is applied, corresponding OUTPUT (1-4) will activate.

POSITIVE Triggers 1-4 - When a Positive (+) signal is applied, corresponding OUTPUT (1-4) will activate.

Power Outputs 1-4 - When triggered, output +12V

Examples: When Negative Trigger 3 is grounded, OUTPUT 3 will output +12V

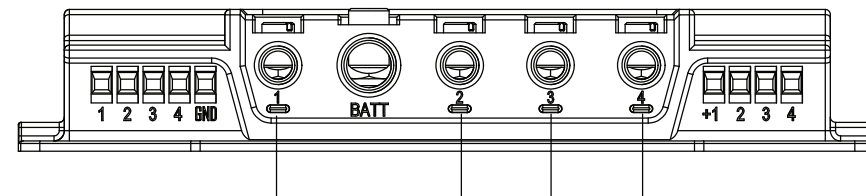
When Positive Triggers 1 & 2 receive +12V, OUTPUTS 1 & 2 will output +12V

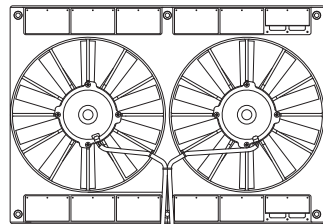
Status LED's

GREEN: Output is Active

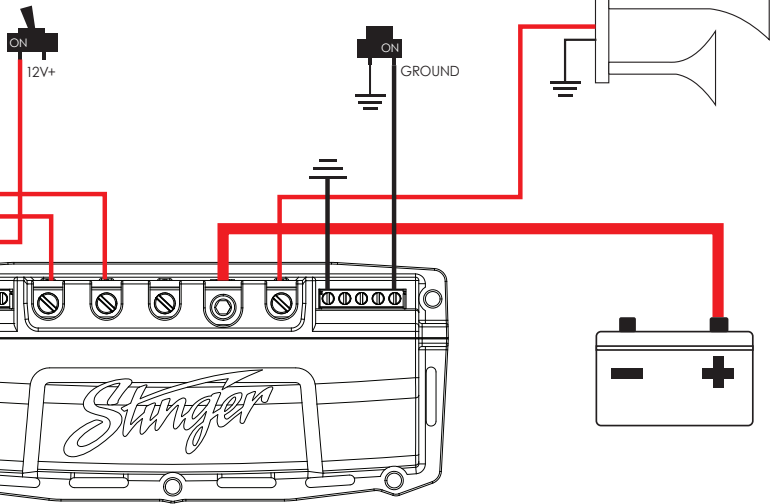
RED: Thermal/Short Protection

OFF: Output is OFF

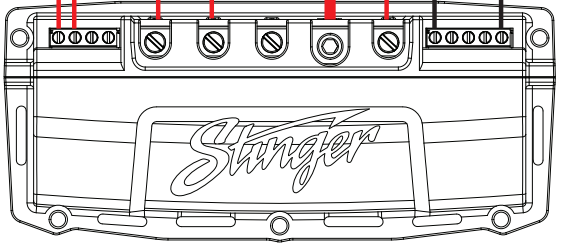




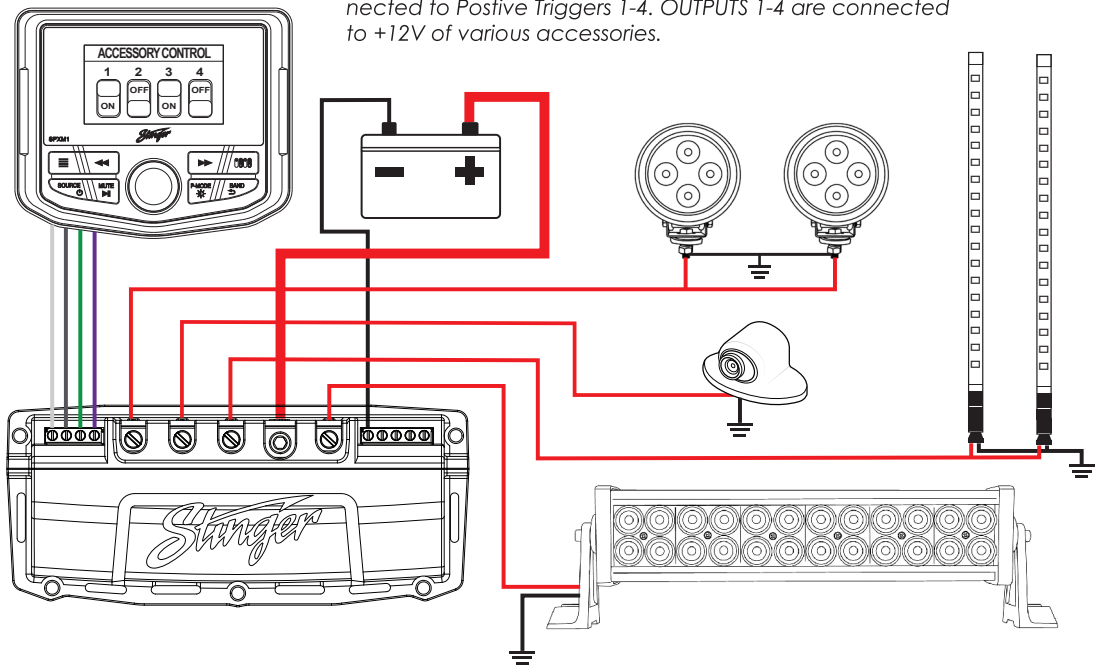
Momentary push button switch that outputs Ground(-12V) when pressed, is connected to Negative Trigger 1. OUTPUT 1 is connected to +12V of horns.



Toggle switch that outputs +12V when ON is connected to Positive Triggers 3 and 4. OUTPUTS 3 and 4 are connected to +12V electric fans.



The four positive triggers coming from the SPXM1 are connected to Positive Triggers 1-4. OUTPUTS 1-4 are connected to +12V of various accessories.



LIMITED WARRANTY:

Stinger warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Stinger dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Stinger will (at its discretion), repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

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