

RallyGuard LED Screen Installation Guide

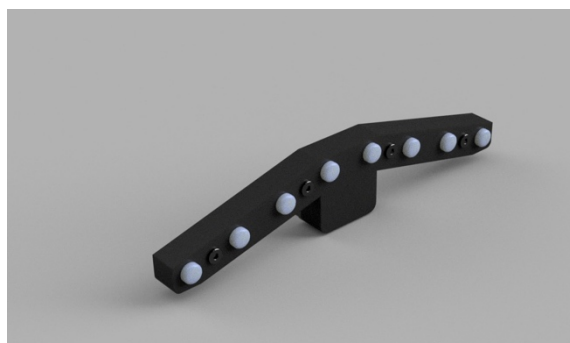
This manual is a continuation of the RallyGuard system documentation and covers the configuration and use of the external LED Dash module.

The device is designed as an extension of the main interface, intended to provide visualization of selected system operating parameters.

Mounting Kit

The kit includes:

- LED Screen with cable
- Cable with distributor
- RallyGuard power cable



Power Supply

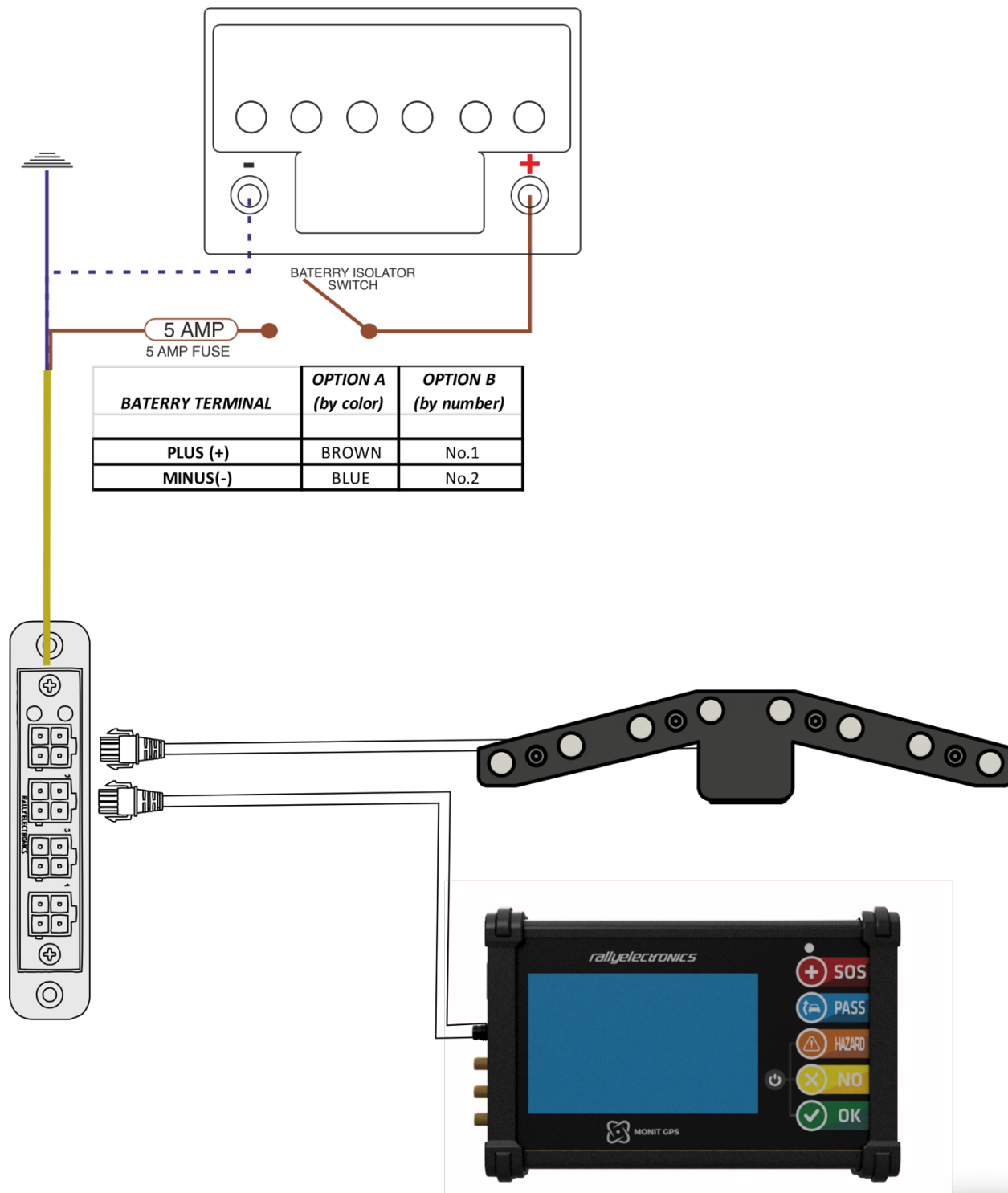
The RallyGuard system requires a stable 12V DC (direct current) power supply..

PROTECTION: It is recommended to install a **5A blade fuse** (or a similar high-quality fuse) at the end of the power cable, directly at the battery terminal.

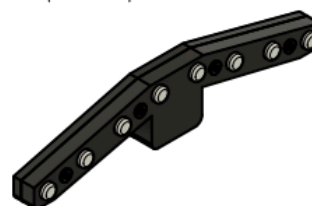
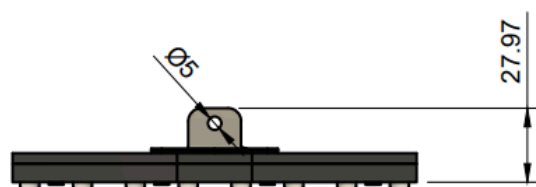
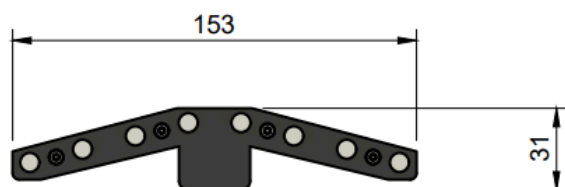
- **GROUND (MINUS):** The ground point (battery negative) can be taken from any suitable grounding point on the vehicle body, provided that the main power cut-off switch (kill switch) does not disconnect the battery's negative pole.
- **POWER (PLUS):** Connection to the main power cut-off switch is recommended (permitted).
- **EMERGENCY POWER:** The device features an internal battery that is continuously charged by the vehicle's electrical system. It serves as a backup power source in emergency situations (e.g., in the event of battery destruction or electrical system failure during an accident).

ATTENTION: The device should only be connected to the power supply after it has been permanently mounted in its final holder inside the vehicle. This is essential for the correct calibration of the built-in accelerometers (G-force sensors).

Wiring Diagram



LED Dimensions



Dept.	Technical reference	Created by RALLYELECTRONICS 10.04.2026	Approved by	
		Document type	Document status	
		Title rally-dash	DWG No.	
		Rev.	Date of issue	Sheet 1/1

Mounting

The LED Dash module should be mounted in the immediate vicinity of the steering wheel or on the steering column, ensuring the LEDs are within the driver's optimal field of vision. Proper positioning allows for monitoring signals without taking your eyes off the track.

