

TRAILSAFE OVERVIEW

BMPRO's TrailSafe is an emergency trailer breakaway safety system designed to activate the electric brakes of a trailer or caravan in the event of a disconnection from the towing vehicle.

The TrailSafe utilises the house battery located on the trailer to activate the electric brake system and brake lights on the trailer in an emergency breakaway situation.

The TrailSafe provides an indication of the charge status of the house battery and checks the condition of the pull pin and effective activation of the brakes. This information is displayed via a multi-colored LED on the TrailSafe unit.

The mechanical pull pin is forcibly detached if the towing vehicle becomes separated from the trailer. Upon disconnection, the brakes and brake lights are activated as long as charge remains in the trailer battery or until the pin is replaced.



KEY FEATURES

- Activates the electric brakes and brake lights of a trailer or caravan in the event of a disconnection from a towing vehicle
- Works off the house battery
- Informative LED status indicators
- Bluetooth and wired connectivity options for in-vehicle monitors
- Meets Australian regulations for breakaway systems on trailers over 2000kg
- BMPRO signature durability & ease of use
- 2 year warranty

OPTIONAL ADD-ON

The TrailSafe can be connected to BMPRO's TrailCheck.

The TrailCheck is an in-car monitoring system for the TrailSafe that wirelessly displays the LED status indicators in a location visible to the driver.

TRAILSAFE SPECIFICATIONS	
System Voltage	12V nominal (not suitable for 24V systems)
Electric Brake Load	18A max
Brake Light Load	8A Max
Communications	Bluetooth Low Energy (BLE 5.0)
Wired Monitor Current	30mA max
Battery Chemistry	LiFePO4 / Lead-acid
Temperature	-20°C to 60°C
IP Rating	IP67
Battery Nominal Capacity	70Ah - 300Ah

QR CODES



Manual



Install Guide



Product Page



FAQS



Datasheet

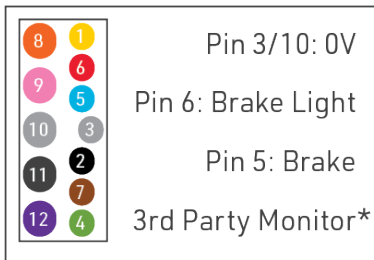


YouTube

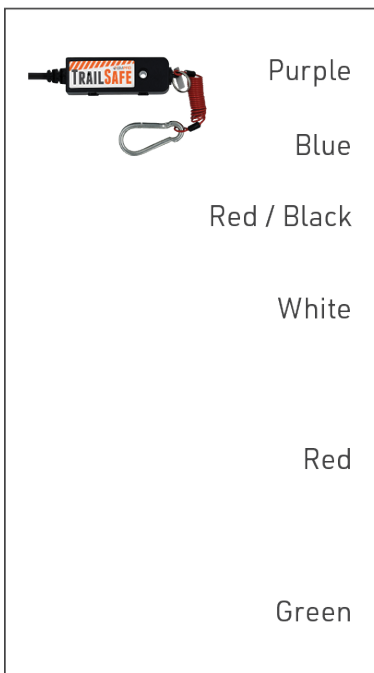
WIRING DIAGRAM



Tow Vehicle



TrailSafe



LEGEND

30A Fuse

BatteryPlus35 (if installed)



Trailer

