You never know when you have to stop!

Tow-Pro from Redarc. It takes towing safety to a new level.

THE POWER OF

REDARC®

Featuri... inertia sensi...

When towing a caravan or trailer it's not so much the going that's important. It's the stopping!

REDARC's revolutionary Electronic Brake Controller sets a new benchmark. No other electric trailer brake controller on the market can match **Tow**-Pro.

Simple to install and operate, for the first time ever it offers two types of braking... Automatic Mode (inertia or proportional braking) for highway conditions and User Controlled Mode for off-road.

Suitable for 12 or 24 volt systems, **Tow**-Pro will operate both electric and electric/hydraulic trailer-brakes.

Look at all the benefits...

- Smooth trailer braking response
- Automatic and user-controlled modes
- Main unit can be mounted in any orientation
- Meets ADR21 safety standards
- AL-KO ESC compliant*
- Electric/hydraulic operation

Tow-Pro

MADE IN AUSTRALIA

Tow-Pro is an electric trailer brake controller designed to suit most common trailer braking applications whilst requiring minimal dash space and being simple to install and operate.

Tow-Pro offers selectable automatic or user controlled trailer braking modes allowing the user to choose the braking style depending on the road or terrain conditions, vehicle type or driver preference.

The unit is able to operate both electric and electric/hydraulic trailer brakes without manual selection and will operate from either 12 or 24 volt vehicle systems without the need for extra components or wiring. The unit is also ADR compliant when installed as directed.

Automatic mode (inertia sensing)

Inertia sensing (or proportional) electric trailer brake controllers are designed to measure the braking force applied by the vehicle and apply the electric trailer brakes to a proportional level. This type of brake level sensing provides a safe, smooth application of the electric trailer brakes, requiring little to no input from the driver once correctly installed and set up.

For this reason, we have called our inertia sensing braking mode Automatic mode.

Automatic mode is indicated by the control knob LED glowing blue.

Tow-Pro features a three-axis accelerometer which can measure acceleration in any direction. This means that the **Tow**-Pro main unit can be mounted in any orientation and still sense the brake level accurately.

The **Tow**-Pro will then automatically calibrate to that mounting orientation.

Once installed, the driver can adjust the control knob depending on the weight of the trailer.

User Controlled mode

Tow-Pro is not only designed for hassle free highway and suburban towing, it has also been designed to give the greatest possible control when driving off-road.

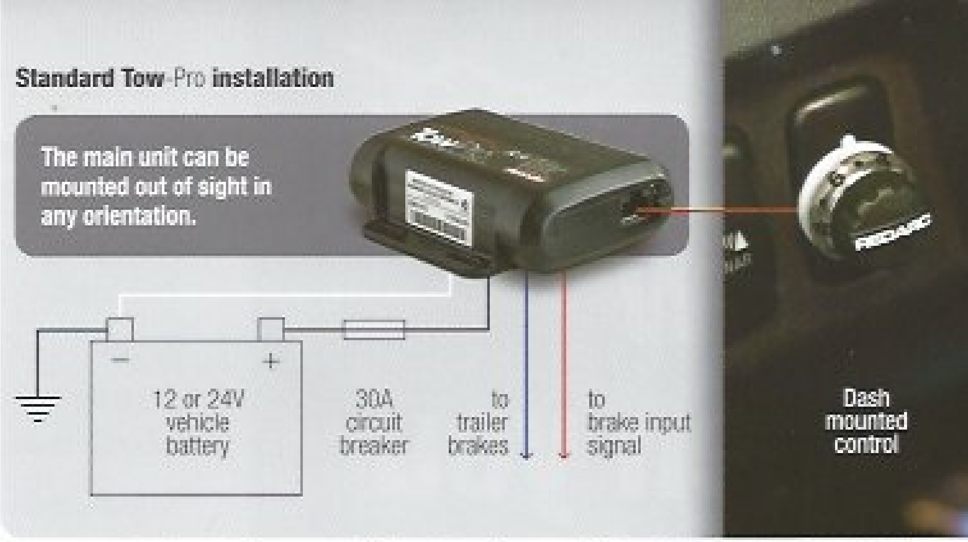
User Controlled mode allows the driver complete control of the brake level whether the footbrake or **Tow**-Pro override is applied.

User Controlled mode is indicated by the control knob LED glowing green.

Adjusting the control knob in User Controlled mode will adjust the braking force from minimal (0) to maximum (10).

Tow-Pro is available at your nearest auto-electrician or 4WD specialty store.

Standard Tow-Pro installation



The remote head control is mounted in the dash of your vehicle and the electronic module is mounted out of sight, making the Tow-Pro ideal for vehicles fitted with knee or lower leg airbags.

Specifications

Part number	EBRH-ACC	
Nominal input system voltage	12V	24V
Operating voltage	9V-32V	9V-32V
Brake input signal voltage	5V-24V	5V-24V
Brake coil voltage	12V	12V
Maximum trailer axles	3 axles	2 axles
Nominal current draw	18A	12A
Maximum rated current	25A	25A
Standby current	<10mA	<10mA
Operating temperature	-20°C - 60°C	
Weight	200g	
Warranty	2 years	

Calibration process

The three-axis accelerometer in Tow-Pro allows the unit to measure acceleration in any direction which means the unit can be installed in any orientation. In order for the Tow-Pro to work properly the unit must be calibrated to recognise the vehicle direction whilst braking.

1. With your trailer attached drive to a flat, smooth, quiet road with the Tow-Pro in User controlled mode.
2. Stop the vehicle and change the mode to Automatic.
   a. Set the knob to 0.
   b. Apply the vehicle brakes.
   c. Double click the knob (two pushes within one second).
   d. Release the vehicle brakes. The LED will flash blue/green to indicate it is out of calibration.
3. Begin driving, slowly increasing speed to over 10km/h. The Tow-Pro will apply the trailer brakes momentarily.

After a few seconds the unit will be calibrated and the LED will turn solid blue.

Want to know more?
Scan this QR code with your smartphone to go to the Redarc website

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Australian Registered Design 352674
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* AL-KO ESC approved from manufacturing serial number 14080000-000 onwards

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