

# PC7215

## Tow-Pro Brake Controller 12/24V

**Tow-Pro™**

### 1, 2 or 3 Axle Internal Mount with Remote Head Redarc No. EBRH-ACC

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 Sensing) 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
  - Electric/hydraulic operation
  - Meets ADR21 safety standards
  - Suitable for all vehicles
  - Compact size

THE POWER OF  
**REDARC®**

# REDARC New Product Bulletin 23 2014

**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 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** 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

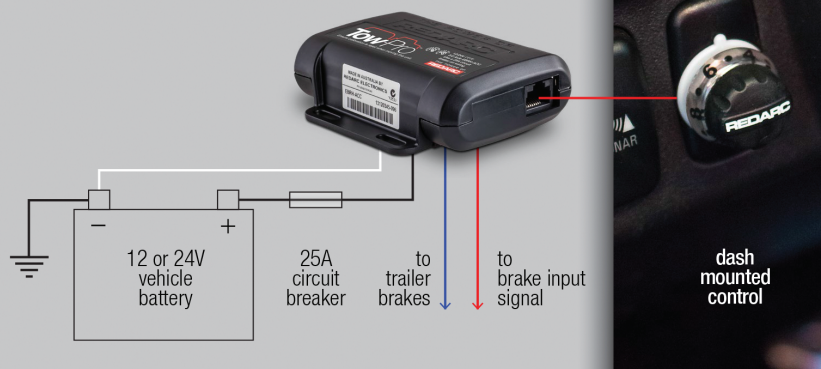
**Tow-Pro** is not only designed for hassle free highway and suburban towing, it has also been designed to give the greatest possible control when driving off-road.

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).

### 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	

