



# Introducing Australia's first Bluetooth electric brake controller

Elecbrakes is an Australian manufactured, designed and invented Bluetooth electric brake controller.

With Elecbrakes there is no need to modify the tow vehicle. The System has a controller fitted to the trailer and wired into existing electrical circuits. A smart phone with the Elecbrakes App is then used to monitor, change settings and control the trailer brakes.

Our smart Phone App has been developed as a Driving Aid and requires minimal input from the driver to set the brake system to the driving conditions. The Elecbrakes App provides live data and historical information that can assist in defining service intervals for trailer maintenance. The Elecbrakes App allows firmware to be pushed to the controller ensuring you always have the most up to date trailer brake system on the market.

Elecbrakes allows a trailer to comply with ADR38/03 and VSB1\* Ensuring you can tow your trailer with any suitable Tow vehicle Easily, Safely and Legally in All States and Territories of Australia.

\* To Comply with ADR38/03 and VSB1 the smart Phone App must have Bluetooth connection with the ELBC2000 controller, the smart phone MUST be securely mounted within the drivers reach and connected to a power source



# ELBC2000 Specifications

Parameter	Notes	Min	Max	Units
Supply voltage	Nom. 12v to 24v	10.0	32.0	Volts
Output load*		0.75	-	Ohms
Output current**		0	16	Amps
Output voltage		0	12	Volts (RMS)
Radio Freq		2.4		GHz
Range			>30	Mtrs
Operating temp		-20	+85	Celsius
Water Submersion 1mr			>24	Hours

\* 4x 3.0 Ohm brake magnets wired in parallel.

\*\* Controller intelligently shares load with multiple supply circuits

The Elecbrakes Controller ELBC2000 has been designed for Australian conditions.

The ELBC2000 employs high-speed micro processors and various sensors which continuously monitor driving conditions at 1000x per second. For communication we carefully selected components to provide long range, reliable connections eliminating dropouts under normal conditions,

The ELBC2000 is housed in a tough fibre reinforced housing with the electronics fully encased in urethane, making the unit 100% dust and water proof. The ELBC2000 operates with 12v or 24v Tow vehicles and comes with a 2 year warranty.