

ULTIMATE **TOW** **PORTABLE ELECTRIC BRAKE CONTROLLER**



Installation & Operating Manual



Introducing the Australian-made Bendix Ultimate Tow+™ Portable Electric Brake Controller

Bendix's new Ultimate Tow+™ Portable Electric Brake Controller provides drivers who share towing duties across multiple vehicles, with additional safety, braking control and the convenience of transferability between cars and trailers.

Rather than being limited to a single tow vehicle that's fitted with a fixed brake controller, the portable controller's flexibility potentially allows any vehicle equipped with a towbar to be used with any trailer fitted with electric brakes. Be it in the workplace or at home, if the regular tow vehicle is already committed, or if there's downtime because of servicing or maintenance, the Ultimate Tow+™ Portable Electric Brake Controller is the ideal solution.

KEY SPECIFICATIONS:

- Connection between in car dial and trailer controller is RF (Radio Frequency).
- Connection has rolling code security – Just like your car key fob.
- Trailer brakes will still work if in-car dial is unplugged or RF connection lost, at the last used brake force setting. Adjustments to brake force will not be possible until RF connection is reinstated.
- In-Car unit will provide an error message and tone if trailer becomes unplugged or if a wiring fault develops.
- In car dial display clearly shows brake force setting, voltage at the trailer plug, RF connection and brake application.
- Any car (with a towbar) to any trailer (with electric brakes) in 10 minutes or less.

PORTABLE ELECTRIC BRAKE CONTROLLER

IN THE BOX:

- 1 × large case



- 1 × instruction manual



- 1 × trailer brake unit



- Magnetic mount 1



- 1 × 7-pin adaptor



- Vent mount 1



- 1 × 12-pin adaptor



- Vent mount 2



- 2 × 800mm Bendix-branded Velcro straps for trailer brake unit



- Cigarette lighter power adaptor



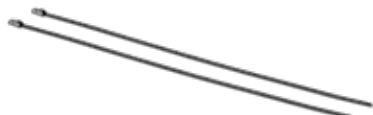
- 1 × 300mm Bendix-branded Velcro strap for cable management



- 1 × carry case strap



- 2 × 600mm metal cable ties



- Small case



- 4 × self-tapping screws



- In-car control unit



NOTE: Images for illustration purposes only. Contents may vary.

TRAILER MOUNTING:

- 1.** Mount the controller unit to the trailer using the attached Velcro straps, Stainless cable ties or screws (supplied)
- 2.** Plug the trailer lead between the tow vehicle and the trailer – If your tow vehicle has a 12 pin socket, use the 12 pin adapter in preference to the 7 pin (even if your trailer has a 7 pin plug).
- 3.** Plug the unit into adapter cable.
- 4.** Use the supplied Velcro straps to secure any cables to the trailer as required.
- 5.** Ensure that there is ample cable length to allow for the trailer to turn and articulate



INSTALL – IN CABIN CONTROLLER:

- 1.** Mount in your preferred position using the mounts provided in the kit
- 2.** Connect to USB for power or power socket provided if no USB available
- 3.** Start Engine
- 4.** If using the 7 pin to 7 pin adapter (at trailer) you will need to have your car head lights turned on.
- 5.** 12pin to 12 pin adapter has 12v feed wired in from the OE.

Suggested mounting locations:



DISPLAY OUTPUT:



Powering Up



Normal Function
Lights, Trailer & Voltage



Normal Function
Brakes Applied



Error Message
– No 12V @ Trailer
Turn on car Headlights



Trailer Disconnected
Check trailer cable are
plugged in correctly



Critical Fault
Check trailer wiring or lights

CONTROLLER FUNCTIONALITY:



Push for override



**Twist to increase / decrease
braking effort**

CHOOSE THE RIGHT PART FOR YOUR VEHICLE ONLINE AT BENDIX.COM.AU
Or Freecall the Bendix Brake Advice Centre on [1800 819 666](tel:1800819666)



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*Put your foot down
with confidence™*

