



## WHICH ELECTRIC BRAKE CONTROLLER SHOULD I USE?

The most common question consumers ask about caravan brake performance is what type of brake controller should be used. There are two main types of electric brake controller: "Motion Sensing" (Pendulum Type) and "Time Delay".

AL-KO International, as the largest supplier of electric brakes to the caravan and trailer industry, recommends for the majority of caravan towing applications. "Motion Sensing" (Pendulum Type) controllers as they provide proportional balanced caravan braking.

"Motion Sensing" controllers produce caravan braking directly proportional to the tow vehicle's braking. The faster the tow vehicle decelerates, the quicker the caravan's brakes respond. When the tow vehicle decelerates slowly, the caravan brakes are applied at a low level.

The Motion Sensing form of brake controller is designed to optimize braking as the tow vehicle's brakes and the caravan's brakes stop the trailer in unison. This type is the most suitable, particularly for caravans that are often travelling long distances and are relatively heavy.

AL-KO International distributes the following motion sensing electric brake controllers:

- Hayes Energiser III - Tekonsha Primus IQ - Tekonsha Prodigy P2 - Tekonsha P3

### AL-KO Sensabrake LTA1000E

AL-KO's latest version of the Sensabrake EAS braking system, the LTA1000E, is designed to be fully integrated with the range of approved AL-KO Motion Sensing Electronic Brake Controllers.

For more information contact your nearest AL-KO branch or an AL-KO Sensabrake Authorised Service Outlet.



Hayes Energiser III



Tekonsha Primus IQ



Tekonsha Prodigy P2



Tekonsha P3

Vehicle Technology  
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# MOTION SENSING CONTROLLERS

## Hayes Energiser III®

- Now equipped with “Qwik-Connect” connector, attached to the brake control wiring which makes installation easier.
- The Energize III detects deceleration to the tow vehicle, measures the amount of deceleration and sends a proportional amount of power to the trailer brakes.
- Easily adjustable pendulum leveling system has a visual level indicator to ensure safe easy leveling.
- Automatically monitors and measures tow vehicle deceleration.
- The manual braking slide control lever overrides gain setting for full power emergency braking and activates trailer brake lights for added safety.
- LED indicator light intensifies as braking power increases and warns of short circuits in the system.
- Suitable for 2 or 4 electric brakes.
- Five year warranty.



Hayes Energiser III

## Tekonsha Primus IQ

- Digital display shows voltage to trailer during braking.
- Designed to work with electric over hydraulic trailer brakes.
- Boost feature allows for customized braking.
- Pre-assembled wire harness for simple hook-up & quick disconnect.
- Diagnostic features incorporated in LED display.
- Electric trailer brake control for up to 3 braking axles.
- Limited Lifetime Warranty (some conditions apply).



Tekonsha Primus IQ

## Tekonsha Prodigy P2

- Reverse battery protection for both vehicle and breakaway systems.
- Designed to work with electric over hydraulic trailer brakes.
- Multiple mounting options –including 360 degree vertical rotation.
- No level adjustment necessary –it adjusts itself to varying terrain as you drive.
- Great for backing into tough spots! Works proportionally in reverse –with the ability to disable when not needed.
- Produces stops that are in proportion to vehicle’s deceleration rate.
- “Boost” feature gives users the ability to apply more initial trailer braking power.
- Limited lifetime warranty (some conditions apply).



Tekonsha Prodigy

## Tekonsha P3

- 1-4 axle trailers
- Distinct, easy to see LCD display with multiple color and contrast options
- User can customize to choose English, French or Spanish display
- Allows the user to switch between Electric and Hydraulic brakes
- Highly advanced, easy-to-understand, roadside diagnostics
- Easy access, “Up-Front” controls
- The original “Boost” feature allows for different levels of customized braking
- Compact, dash-hugging design
- Unique, easy-to-use, clip-mounting systems
- Quick disconnect for easy storage; convenient storage pouch included
- Limited lifetime warranty



Tekonsha P3

Further information can be obtained by contacting AL-KO on 1800 035 603 or by visiting

[www.alko.com.au](http://www.alko.com.au)

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