## BRAKING SYSTEMS TO HELP YOU STOP SAFELY.

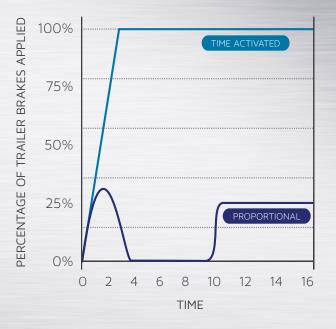
Australian road rules state that all caravans or trailers with a gross trailer mass exceeding 750kg must have brakes. The most common heavy trailers operate either an electromagnetic or hydraulic trailer brake system that both require a brake controller to moderate braking on the caravan or trailer.

There are two main types of Brake Control systems – Time-activated and Proportional.

Time-activated systems apply maximum trailer braking over a pre-set time - usually one to three seconds. Proportional systems determine the tow vehicle's rate of deceleration and apply the caravan or trailer brakes to match.

Hayman Reese provides both time activated and proportional brake control units to suit a number of different towing requirements.

### TIME ACTIVATED VS. PROPORTIONAL BRAKE CONTROL



haymanreese.com.au | 1800 812 017

Available from:





#### Hayman Reese, A Cequent Brand

P.O. Box 4050 Dandenong South, VIC, 3164 Phone 1800 812 017

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## BRAKE CONTROLLERS & HARNESSES

THE RELIABLE CHOICE







# Connecting a brake controller is as easy as 1, 2, 3.

#### SELECT A SMARTCLICK™ COMPATIBLE BRAKE CONTROLLER









#### SMARTCLICK™ COMPATIBLE BRAKE CONTROLLERS



#### 05550 COMPACT

Time Activated Brake Controller.

The Compact Brake Controller has been designed specifically for vehicles where dash space is an issue. It features a Sync control dial which provides more control and added safety when applied as well as an output power control which doubles as a manual over-ride switch. The Sync control is easily adjustable to suit driver preference or changing road conditions. It also features an output power control which doubles as a manual over-ride switch, and an LED indicator that allows the user to monitor various functions of the brake control. The Plug & Play feature allows for quick and easy connection with the Hayman Reese SmartClick™ brake control harness.



#### 05350 **SENTINEL™** Time Activated Brake Controller.

The Hayman Reese Sentinel™ Brake Controller is a great choice for light to medium duty towing needs. The time-activated controls have solid state electronics, allowing the controller to be mounted in any position - horizontal, vertical, even turned upside down. When the vehicle brakes are applied, a predetermined amount of braking power is sent to the caravan or trailer. Major benefits of solid state brake controllers are their quick and easy installation, and ease of use.

#### **BRAKE CONTROLLER HARNESSES**

05012 Brake Controller Harness

05013 Brake Controller Harness with 15 or 30amp Power Supply



#### **POWER HARNESSES**

**05014** 15 or 30amp Power

**05015** 50amp Power Harness - Anderson Plug Style





#### 06000 **COMPACTIO**

Proportional Brake Controller.

The CompactIQ™ is one of Hayman Reese's most sophisticated brake control units. This proportional brake control unit has been developed to make it both easier & less intrusive to install and provide the driver with greater control in braking situations.

The dial and LED indicator can fit and be mounted in a spare switch panel rather than through the main dashboard or centre consol. The brake controller is stored out of sight behind the vehicle's dashboard - with only the control dials showing on the dash. The output dial has two functions - "Boost" feature that gives users the ability to set minimum braking power and an Output Control Dial that allows you to set an over-ride force. The LED indicator shows the status of the brake system.

Fully compatible with Electronic Stability Control systems.



05800

#### VINOTOUR™

Proportional Brake Controller

The Vinotour™ Proportional-based brake controller offers everything the Guardian® IQ has and more. It utilises a 360 degree fitting range and through the use of a sensing device can determine the tow vehicle's rate of decelaration and apply the correct amount of caravan or trailer braking to match. The continual diagnostics check for proper connection and electric trailer brake control for up to 4 braking axles gives the Vinotour™ an advantage over all other models. Quick and easy disconnect features allows for easy removal and storage when not in use.



#### 05900 GUARDIAN IO™ Proportional Brake Controller

The Guardian® IQ brake control is a proportional electric caravan or trailer brake controller. It includes a "Boost" feature that gives users the ability to apply more braking power. It utilises a 70 degree fitting range and through the use of a sensing device can determine the tow vehicle's rate of decelaration and apply the correct amount of caravan or trailer braking to match. It works proportionally in reverse for backing into tough spots and has a variable output depending on each braking requirement. Other features include an LED display, self-fault diagnosing and brake control for up to 3 axles.