



Residential Gate Openers

Swing & Sliding Gates



 **3** Featuring
TrioCode™
Technology

automatic
TECHNOLOGY

smart | simple | secure

Distributed by:

smart | simple | secure.

At **Automatic Technology** our every innovation, product and success is driven by those three words.

As we have done for the past quarter of a century, we continually strive to simplify your life by providing smarter access solutions.

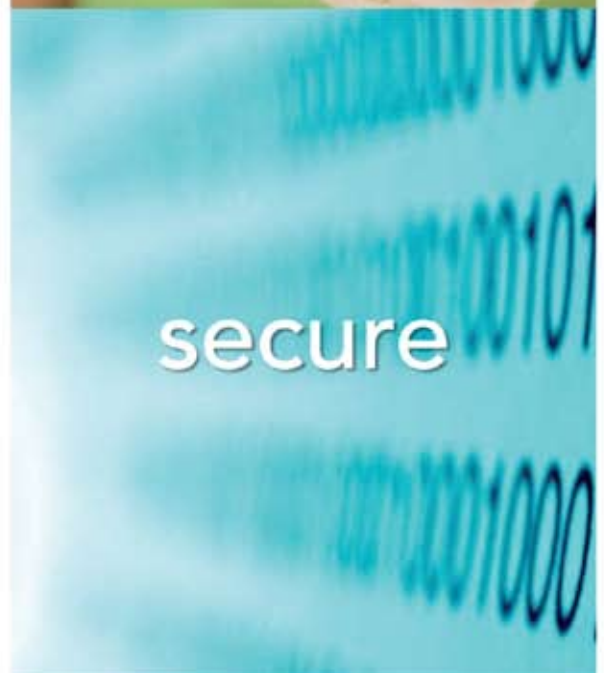
Designed and engineered in Australia by our internationally renowned team of innovators, **Automatic Technology** products define the future of automation by using the latest technology, processes and production methods to make doors and gates **smart, simple** and **secure**.

What is **TrioCode™**?

TrioCode™ is a revolutionary new coding system that provides enhanced reliability and security.

Increasingly, garage door and gate opener transmitters are jammed by wireless and cordless devices in the owner's or a neighbouring home, usually when both units compete for the same frequency.

TrioCode™ overcomes this challenge by simultaneously transmitting on three different frequencies. Even if two frequencies are jammed, the **TrioCode™** transmitter will still operate your door or gate.



What makes Automatic Technology openers so different?

From the standard systems that reduce noise and improve safety, through to eco-conscious options like SmartSolar™, each Automatic Technology opener comes with its own unique selection of the features listed below:



DC Motor

DC motors deliver as much power as old-style AC motors, but with less noise and vibration. DC also offers features such as soft start/soft stop.



Soft Start/Soft Stop

Ramping speed up and down at the start and end of each cycle reduces stress on the gate and opener for longer life, and makes for quieter operation.



Intelligent Safety System (ISS)

If contact is made with an obstruction while moving, the opener either stops or reverses the gate to reduce injury to persons and damage to property.



Gate Profiling

The amount of power needed for different stages of the gate's travel is learnt during setup and is constantly reprofiled. This helps ISS to do its job.



Courtesy Light

Switching on with each cycle to illuminate your driveway, the time adjustable courtesy light can also be operated independently of the gate.



Single Gate Ready

Suitable for use on a single gate leaf installation.



Dual Gate Ready

Suitable for use on a dual gate leaf installation.



Battery Backup

Charging from the mains, the optional battery backup switches over automatically in the event of power failure.



SmartSolar™ Solar Power

The optional SmartSolar™ kit allows for installation on unpowered sites, or for green-friendly operation.



Auto-Close Mode (only with P.E. Beams)

Auto-Close ensures peace of mind and keeps your house secure by automatically closing the gate upon entering or exiting the property.



Service Reminder

Like a car, your gate and opener need periodic servicing to maintain their performance and warranties. Our openers let you know through audible and visual reminders.



Weather Resistant

For installations where the opener is exposed to the elements, the unit is sealed to prevent damaging ingress of water.



Lockout System

Prevents unauthorised manual operation of the gate, with disengagement systems secured by keyed locks.



Pedestrian Mode

Allows you to set up a limited opening width for your gate, ideal for pedestrian access.



Vacation Mode

Locking out all but one master transmitter, Vacation Mode ensures your gate opener cannot be operated until you return.





NES-24v1 NeoSlider™

SINGLE SLIDING GATE OPENER

Combining clever electronics and robust mechanicals, the **NES-24v1 NeoSlider™** is suitable for a wide variety of residential applications. Ready to integrate with your door opener, the **NeoSlider™** also features:

Safety & Security



soft stop/start intelligent safety system (ISS) gate profiling

Power & Mounting Systems



DC motor single gate

Operating Modes & Features



auto close service indicator pedestrian mode vacation mode weather resistant lockout system

Optional Extras



battery backup solar courtesy light



SGO-1v3 Elite®

SWING GATE OPENER DRIVE UNIT

The **SGO-1v3 Elite®** is proof that a good design needs no alteration. For over 15 years, this opener has proven itself around Australia and overseas in single and dual gate setups. Combined with the **DCB-05** (see opposite), this offers:

Safety & Security



soft stop/start intelligent safety system (ISS) gate profiling

Power & Mounting Systems



DC motor single gate dual gate

Operating Modes & Features



auto close service indicator pedestrian mode vacation mode weather resistant lockout system

Optional Extras



battery backup solar courtesy light



NES-24v1 Dual NeoSlider™

DUAL SLIDING GATE OPENER

Combining two **NES-24 NeoSlider™** drive units and the intelligent **DCB-05 Gate Control System**, this dual slider system can handle an opening up to 20 metres with features including:

Safety & Security



Power & Mounting Systems



Operating Modes & Features



Optional Extras



DCB-05 Control System

SINGLE & DUAL GATE CONTROL SYSTEM

With a powerful selection of inputs and outputs, the **DCB-05 Control System** is designed to control any 2-, 3- or 5-wire gate opener. When paired with the proven **SGO-1v3 Elite®** (see opposite), this system offers:

Safety & Security



Power & Mounting Systems



Operating Modes & Features



Optional Extras



Optional Accessories for Gate Openers

Make your home even more smart, simple and secure with our range of great accessories.

Battery Backup

In the event of power failure, you can rely on your gate providing the security and convenience of automation. This smart item also features a self protection system to prevent damaging total discharge of the battery.



PE Safety Beams

Protect your family and your car with the PE Safety Beams. As soon as an object or person moves through the invisible safety beam the gate will stop or reverse to avert serious damage being done.



TrioCode™ Transmitters

Available in both 4-button keyring and 2-button water-resistant models, each of these transmitter's buttons can operate a separate function or opener, allowing access to your whole home from one convenient unit.



TrioCode™ Wireless Keypad

Be it returning from a bike ride, the kids coming home from school, or the pool cleaner arriving while you're at work, the weatherproof wireless keypad allows access without a transmitter. With back lit numbers for day or night use, multiple users can have unique codes for specific door and gate access.



TrioCode™ Stand-Alone Receivers

Control lights, alarms, door latches and even existing door or gate openers around your home with your new TrioCode® transmitter. A TrioCode® Stand-Alone Receiver can be attached to a variety of to devices allowing remote access from the one transmitter.



Solar Power - the original smart, simple, secure option

Increasingly going "green" makes great sense, as you can both save the planet and save money at the same time!

With our eco-friendly **SmartSolar™** Solar Power range, you can select the best in home access solutions and run them free of charge using the sun's energy.

Better still, the incredibly efficient design of the **SmartSolar™** Solar Power range requires only a single solar panel per opener, slashing the cost of becoming planet friendly – and **works with all our garage door openers!**

Part of our range of **SmartPlanet™ Solutions**, which includes our world leading standby power ratings, these technologies provide **smart, simple** and **secure** automation solutions for your home and family, as well as a brighter future for the planet.

SmartPlanet™ Solutions

HOW IT WORKS



- 1 Solar Panel collects energy...
- 2 Charger Board charges batteries...
- 3 The batteries power the opener - simple!





from gate to garage

Technical Specifications	NES-24v1 NeoSlider™	NES-24v1 Dual NeoSlider™	DCB-05 Gate Control System	SGO-1v3 Elite®
Input/Motor Voltage	230Vac - 240Vac 50Hz / 24Vdc			
Transformer Rating	150VA	150VA	150VA	N/A (see DCB-05)
Standby Power	2.2W	2.2W	2.2W	N/A (see DCB-05)
Weather-Resistance Rating	IP44	IP44	IP56	IP44
Maximum Opening (per leaf)	10.0m	10.0m (20m total)	N/A (see SGO-1v3)	110°
Maximum Gate Weight (per leaf)	250kg	250kg	N/A (see SGO-1v3)	300kg
Peak Driving Force (per gate leaf)	200N	200N	N/A (see SGO-1v3)	200N
Maximum Travel Speed	200mm/second	200mm/second	N/A (see SGO-1v3)	8°/second
Duty Cycle	50%	50%	N/A (see SGO-1v3)	50%
Receiver Storage Capacity	30 x 4 button Transmitters	30 x 4 button Transmitters	30 x 4 button Transmitters	N/A (see DCB-05)
Receiver/Transmitter type	Multi-frequency UHF FM (434.37, 433.47 & 433.92MHz)			N/A (see DCB-05)
Coding type	Code hopping (Non-linear encryption algorithm)			N/A (see DCB-05)
No. of Code Combinations	4.29+ billion random codes			N/A (see DCB-05)
Warranty	2 years / 5,000 cycle parts warranty			

Optional Accessories & Outputs

Battery Backup	✓	✓	✓	✓
SmartSolar™	✓	✓	✓	✓
Auxiliary Output	✓	✓	✓	N/A (see DCB-05)



Automatic Technology Product Range



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