

# Merlin<sup>®</sup>

## *Silent Drive<sup>®</sup>*

rolling garage door openers



**Convenient | Secure | Trusted | Performance**

Why **Merlin**<sup>®</sup>  
is the **BEST**  
choice!



# Merlin<sup>®</sup>

## *Silent Drive<sup>®</sup>*

rolling garage door openers

**Works even when  
the power is out**

(with optional battery back-up unit)

**Security encrypted  
remote technology**

**Energy saving**

(sub 1 Watt standby)

**Courtesy light  
for your safety**

**Smooth &  
quiet**

**Fast, powerful  
operation**

**Long range  
remote**

**Full 5 year  
parts warranty**

**Fits ALL domestic  
rolling garage doors**



**Convenient | Secure | Trusted | Performance**





## Silent Drive 850

### Including Premium Accessories



#### Mini Remote

2 x 3 button mini remotes.

Model E945M



#### Remote Wall Button

2 button remote wall control.

Model E128M

## Convenient



### Works every time thanks to Merlin Security+2.0

New Security+2.0 remote transmitters operate reliably under all environmental conditions and from a greater distance than ever before. Thanks to the latest multi frequency technology the remote will operate even when there is interference from other wireless devices.



### Works even when the power is out

Don't let a power outage lock you out of your garage. With an Evercharge® battery backup system\* you can always operate your door – even when there has been a power failure.

*\*Optional Extra*



### Fast Operation

With a 13 second opening speed\* the super fast operation minimises any waiting time. Combined with soft start and stop function, a powerful DC motor and adaptive technology inside the Silent Drive, you can be sure it will work in harmony with your domestic rolling door no matter what size or brand.

*\*Standard 2.3m high door*



### Courtesy Light

Driving into a dark garage and turning off your headlights can be a very dark experience!

The Silent Drive with its 12 LEDs provides, energy efficient light that automatically switches on when the door is activated and switches off after 2½ minutes.

## Secure



### Security+2.0

Security+2.0 technology inside the remote is designed to communicate on multiple frequencies with the latest Security+2.0 encrypted rolling code. This enhanced radio technology will select the strongest frequency every time, virtually eliminating interference from other devices. It provides the highest level of security available by using a unique code every time the button is pressed.



### Automatic Close

Forgot to close the door? Don't worry the timer to close option automatically closes the door. You can set a pre determined time between 1 and 10 minutes. All you have to do to activate this feature is to install the optional safety beams (must be fitted) to ensure safe closing after you have left the garage.



### Safety Reversing System

Your safety and property protection is assured because the Silent Drive has automatic safety reversing built-in. If the garage door is obstructed while closing, it automatically stops and reverses if obstructed while opening, it automatically stops.



### Ventilation Mode

Your door can also be stopped at any height to allow for ventilation by simply pressing the remote at any point in the travel to stop the door.



## Silent Drive 850+ Including Battery Back-up Accessories



### Mini Remote

2 x 3 button mini remotes.

Model E945M



### Remote Wall Button

2 button remote wall control.

Model E128M



### Wireless Keypad

Leave your keys at home with peace of mind that your home is secure. Keyless entry via four digit code access.

Model E840M



### Battery Back-Up

Opens every time, even when the power is out.

Model E475M-12V



## Trusted



### 5 Year Warranty

We stand behind our products with a full 5 Year/15,000 cycle warranty\*, backed by an after sales support team and service that we believe to be the best in the industry. We can offer this warranty because of our global quality standards, manufacturing quality and continuous improvement processes.

*\*Conditions Apply*



### Obsession with Quality

Our preoccupation with quality not only applies to manufacturing. We insist on high performance standards in every aspect of our business placing quality at the forefront of everything we do.



### After Sales Support

Our friendly customer service team are exceptionally well trained and strive to offer you the very best level of support.

To take advantage of our customer care, contact us on:

**AUS: 1800 638 234**

**NZ: 0800 653 667**

## Performance



### 75% Less Energy

Uses up to 75% less standby energy. The advanced electronic design in the Silent Drive uses less than 1 watt of electricity when in standby mode meeting some of the world's toughest energy saving standards and saving you money.



### Quiet and Powerful Motor

Silent Drive's powerful and fast DC motor is quiet and built to last. It has the strength to open any domestic rolling door no matter what brand or size of door you have. You don't have to question Silent Drive, it is the perfect choice!



### Improved Remote Range



Tested in side by side comparisons<sup>#</sup> the Merlin Silent Drive has up to 18% better range which means it is not only more reliable, you can also start opening your garage door sooner.

*\*Comparison to major Australian & New Zealand brands*



### Adaptive Technology

Automatic power adjustment and electronic mapping of the door means Silent Drive adapts to the change in door spring and hinge operation that naturally occurs with varying weather conditions and age. This technology means less maintenance and trouble free, reliable operation for years to come as the opener adapts to the door every time it is activated.

# Silent Drive 850 Specifications

## Power Unit

Input Voltage	240V AC, 50Hz
Motor Voltage	12V DC with overload protection
Standby Power	<1W
Pulling Force	550N
Rated Door Area	18m <sup>2</sup>
Max Door Weight	130kg spring balanced

## Features

Warranty	5 years / 15,000 cycles <i>(conditions apply)</i>
Travel Speed <i>(standard 2.3m Door)</i>	13 Seconds
Noise	59dB at 1m
Temperature Range	-30 to 50° C
Lighting	12 LEDs Automatic operation for 2½ minutes

## Remotes

Radio Frequency	433.30 / 433.92 / 434.54MHz AM
Security	Security+2.0 encrypted rolling code
Number of Code Combinations	4.5 billion
Memory Register	64 remotes
Operating Range <i>(Open Field Test)</i>	160m






## Installation

Drive System	Direct drive
Maximum Lifting Height	4.5m
Minimum Side Room <i>(Curtain to bracket, left or right handed)</i>	45mm
Safety Devices	Safety Reversal System Manual Release The Protector System™ <i>(optional)</i>

## Options

Timer to Close Option <i>(Requires The Protector System™ to be fitted)</i>	Automatically closes after 1, 5 or 10 minutes
Accessory Output	12V DC

## Optional Accessories

			
			
<p><b>Visor/Wall Remote</b></p> <p>Experience the convenience of having a spare remote.</p> <p>Model E943M 3 Button Model E940M 1 Button</p>	<p><b>Wireless Keypad</b></p> <p>Leave your keys at home with peace of mind that your home is secure.</p> <p>Keyless entry via four digit code access.</p> <p>Model E840M</p>	<p><b>Battery Back-Up</b></p> <p>Opens every time, even when the power is out.</p> <p>Model E475M-12V</p>	<p><b>The Protector System™</b></p> <p>Safety beam sensors The best protection for your family and property.</p> <p>Model C77</p>

## Who We Are

The Merlin brand is part of the Chamberlain Group, the world's largest manufacturer of automatic garage door openers and Australia's largest manufacturer of commercial garage door openers. Our global experience and innovation has resulted in industry leading designs and some of the most reliable and efficient products available in Australia and New Zealand.

We are determined to build our reputation as an industry leader by exceeding our customers' expectations and providing exceptional products and services.

# Merlin®



# Merlin®

Dealer Details:

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**CHAMBERLAIN®**

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As Chamberlain's policy is one of continuous product improvement, changes to specifications and prices can be made without notification.

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