

CHAMBERLAIN™
merlin
professional



Merlin garage door openers
Convenient, safe and secure

Merlin Garage Door and Gate Openers



Residential garage door openers were once considered a luxury item for the home.

This perception is rapidly changing and they are now regarded as a necessity.

Merlin™ has played a significant role over the years in building universal acceptance for this extraordinary home appliance.

And we are especially proud to be part of the Chamberlain Group, the world's largest manufacturer of garage door openers.

Merlin garage door openers manufactured by Chamberlain®, use world class components and technology to provide you with the latest innovations in safety, convenience and security.

Safety

With Chamberlain technology your Merlin garage door opener constantly monitors and adjusts the force required to open and close the door.

It will automatically set operating forces to the minimum levels necessary, which means the door safely stops and reverses if obstructed going down, and stops if obstructed going up. The inbuilt

light turns on automatically once the door is operated so you're never left in the dark.

Convenience

Imagine the convenience of never having to lift a garage door again. You'll no longer have to get out of your car in undesirable conditions. Why walk when you can roll, just push the button on your Merlin remote control and you're in.

Merlin multi-channel remote controls can operate more than just garage doors. When used with a Merlin add-on receiver they can also operate other auxiliary devices such as Merlin gate openers, security panels and even garden lighting, all from the comfort of your car.

With the optional Merlin wireless keyless entry system mounted outside the garage you can open the door without the need for keys or a remote control.

Security

Merlin Security+ remote controls are programmed with Chamberlain rolling code technology, which means every time you activate the remote control it automatically selects over a billion codes.

Product Range



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Powerful slimline DC opener for single and heavy double door garages 4

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Standard slimline DC opener for single and standard double door garages 5

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Powerful AC opener for single and heavy double door garages 6

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Merlin Professional MR800

Powerful slimline roller door opener for single and heavy double door garages

Key Features

- Soft Start/Stop operation
- Auto safety function
- Auto force sensing
- Two 3 channel mini-remotes
- Wireless wall button
- Rolling code technology
- Up to 64 memory registers
- Manual release handle
- Courtesy light (LED)
- Minimal side room 95mm
- 5 year motor warranty

Accessories

- Safety beam sensors
- Motion detecting control panel
- Keyed manual release
- Single channel remote
- 2 or 4 channel mini-remote
- Wireless keypad
- Optional Evercharge™ Standby Power Unit

Specifications

- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area: 16.5m²*
- Rated door weight: 100kg
- Pulling force: 550N
- 433.92 MHz AM radio with rolling code

* Only with safety beam sensors



Rated door area	Rated door weight	Pulling force	Motor
16.5m ²	100kg	550N	DC

Easy installation even in tight side clearance situations for doors up to 16.5m² *

Soft Start/Stop:

The MR800 is equipped with Chamberlain Soft Start/Stop technology. This is designed to ensure smooth and quiet door operation

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Three Channel Mini-Remote:

A three channel mini remote control with rolling code technology can control up to three different doors or gates

Wireless Wall Button:

Wireless push button equipped with rolling code technology for remote operation in the garage or home

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The MR800 comes with a two year general warranty and a five year warranty on the motor

Merlin Professional MR600

Standard slimline roller door opener for single or standard double door garages



Rated door area	Rated door weight	Pulling force	Motor
12.5m ²	80kg	500N	DC

Easy installation even in tight side clearance situations for doors up to 12.5m²

Soft Start/Stop:

The MR600 is equipped with Chamberlain Soft Start/Stop technology. This is designed to ensure smooth and quiet door operation

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Three Channel Mini-Remote:

A three channel mini remote control with rolling code technology can control up to three different doors or gates

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Accessories:

A wide range of accessories is available for this motor.

Warranty:

The MR600 comes with a two year general warranty

Key Features

- Soft Start/Stop operation
- Auto safety function
- Auto force sensing
- Two 3 channel mini-remotes
- Rolling code technology
- Up to 64 memory registers
- Courtesy light (LED)
- Manual release handle
- Minimal side room 95mm
- 2 year motor warranty

Accessories

- Safety beam sensors
- Motion detecting control panel
- Keyed manual release
- Single channel remote
- 2 or 4 channel mini-remote
- Wireless wall button
- Wireless keypad
- Optional Evercharge™ Standby Power Unit

Specifications

- 24 DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area 12.5m²
- Rated door weight: 80kg
- Pulling force: 500N
- 433.92 MHz AM radio with rolling code

Merlin Professional M430R

Powerful AC roller door opener for single and heavy double door garages

Key Features

- Auto safety function
- Two 2 channel mini-remotes
- Rolling code technology
- Up to 25 memory registers
- Courtesy light
- Manual release handle
- 5 year motor warranty

Accessories

- Safety beam sensors
- Keyed manual release
- 4 channel mini-remote
- Wireless wall button
- Wireless keypad

Specifications

- 240V AC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area 16.5m²
- Rated door weight: 130kg
- Pulling force: 800N
- Adjustable force: 150N-800N
- 433.92 MHz radio FM rolling code



Rated door area	Rated door weight	Pulling force	Motor
16.5m ²	130kg	800N	AC

Robust in construction and unsurpassed in reliability and ease of use for doors up to 16.5m²

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Two Channel Mini-Remote:

A two channel mini remote control with rolling code technology can control another door or gate

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The M430R comes with a two year general warranty and a five year warranty on the motor

Merlin Professional MT1000

Powerful DC sectional door opener for heavy double door garages



Rated door area	Rated door weight	Pulling force	Motor	Drive
16.5m ²	160kg	1000N	DC	Chain/belt

Suitable for all tilt or sectional garage doors up to 16.5m²

Soft Start/Stop Function

The MT1000 is equipped with Chamberlain Soft Start/Stop technology, designed to ensure smooth and quiet door operation and longer life

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Ultra Quiet Belt Option

The C rail track combined with a belt drive system means the door produces little or no sound when opening or closing

Wireless Wall Button:

Wireless push button equipped with rolling code technology for remote operation in the garage or home

Three Channel Mini Remote:

A three channel mini-remote control with rolling code technology can control up to three different doors or gates

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The MT1000 comes with a two year general warranty and a five year warranty on the motor

Key Features

- Soft Start/Stop operation
- Auto safety function
- Auto force sensing
- Chain or belt drive
- Two 3 channel mini-remotes
- Wireless wall button
- Rolling code technology
- Up to 64 memory registers
- Manual release handle
- Courtesy light
- Auto close
- One piece C Rail
- 24V accessory output
- 5 year motor warranty

Accessories

- Single channel remote
- 2 or 4 channel mini-remote
- Wireless keypad
- Safety beam sensors
- Keyed manual release
- Remote control receivers
- Motion detecting control panel

Specifications

- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area 16.5m²
- Rated door weight: 160kg
- Pulling force: 1000N
- 433.92 MHz AM radio with rolling code

Merlin Professional MT600

Standard DC sectional door opener for single and standard double door garages

Key Features

- Soft Start/Stop operation
- Auto safety function
- Auto force sensing
- Chain or belt drive
- Two 3 channel mini-remotes
- Wireless wall button
- Rolling code technology
- Up to 16 memory registers
- Manual release handle
- Courtesy light
- One piece C Rail
- 5 year motor warranty

Accessories

- Single channel remote
- 2 or 4 channel mini-remote
- Wireless keypad
- Safety beam sensors
- Keyed manual release
- Motion detecting control panel

Specifications

- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area 13.5m²
- Rated door weight: 130kg
- Pulling force: 600N
- 433.92 MHz AM radio with rolling code



Rated door area	Rated door weight	Pulling force	Motor	Drive
13.5m ²	130kg	600N	DC	Chain/Belt

Suitable for tilt or sectional garage doors up to 13.5m²

Soft Start/Stop Function

The MT600 is equipped with Chamberlain Soft Start/Stop technology, designed to ensure smooth and quiet door operation and longer life

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Three Channel Mini-Remote:

A three channel mini remote control with rolling code technology can control up to three different doors or gates

Wireless Wall Button:

Wireless push button equipped with rolling code technology for remote operation in the garage or home

Ultra Quiet Belt Option

The C rail track combined with a belt drive system means the door produces little or no sound when opening or closing

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The MT600 comes with a two year general warranty and a five year warranty on the motor

Merlin Professional MT60

All-in-one DC sectional door opener for single and standard double door garages



Rated door area	Rated door weight	Pulling force	Motor	Drive
12.5m ²	70kg	600N	DC	Chain

Suitable for tilt or sectional garage doors up to 12.5m²

Soft Start/Stop Function

The MT60 is equipped with Chamberlain Soft Start/Stop technology, designed to ensure smooth and quiet door operation and longer life

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Three Channel Mini-Remote:

A three channel mini remote control with rolling code technology can control up to three different doors or gates

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

All in one:

The Merlin MT60 is supplied with motor and hardware in-one-box. Designed to be easy and convenient, the MT60 motor is suited to high volume competitive installations

Warranty:

The MT60 comes with a two year warranty

Key Features

- Auto safety function
- Auto force sensing
- Soft Start/Stop operation
- Chain drive
- Two 3 channel mini-remotes
- Rolling code technology
- Up to 12 memory registers
- Manual release handle
- Courtesy light
- Four piece C Rail in the box
- 2 year warranty

Accessories

- Single channel remote
- 2 or 4 channel mini-remote
- Wireless keypad
- Safety beam sensors
- Keyed manual release
- Remote control receivers
- Wireless wall button
- Motion detecting control panel

Specifications

- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area 12.5m²
- Rated door weight: 70kg
- Lifting capacity: 600N
- 433.92 MHz AM radio with rolling code

Merlin Professional MT5580

Powerful AC sectional door opener for single and heavy double door garages

Key Features

- Auto safety function
- Auto force sensing
- Two 3 channel mini-remotes
- Wireless wall button
- Rolling code technology
- Up to 8 memory registers
- Manual release handle
- Courtesy light
- Multiple mounting points
- One piece T Rail
- 5 year motor warranty

Accessories

- Single channel remote
- Safety beam sensors
- Motion detecting control panel
- Keyed manual release
- 2 and 4 channel mini-remote
- Wireless keypad

Specifications

- 240V AC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area: 15.5m²
- Rated door weight: 110kg
- Pulling force: 800N
- 433.92 MHz AM radio with rolling code



Rated door area	Rated door weight	Pulling force	Motor	Drive
15.5m ²	110kg	800N	AC	Chain

Suitable for tilt or sectional garage doors up to 15.5m²

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. Your door can also be stopped and locked at any height for ventilation.

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Drive System

Standard one piece T Rail or optional pole and chain drive system

Three Channel Mini-Remote:

A three channel mini remote control with rolling code technology can control up to three different doors or gates

Wireless Wall Button:

Wireless push button equipped with rolling code technology for remote operation in the garage or home

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The MT5580 comes with a two year general warranty and a five year warranty on the motor

Merlin Professional M230T

Classic AC sectional door opener for single and heavy double door garages



Rated door area	Rated door weight	Pulling force	Motor	Drive
21m ²	130kg	800N	AC	Chain

Suitable for tilt or sectional garage doors up to 21m²

Automatic Safety Function:

With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop if obstructed going up. The door can also be stopped and locked at any height for ventilation

Automatic Force Sensing:

Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door

Drive System

Supplied standard with a strong and reliable one piece pole and chain drive system

Manual Release:

In case of power failure you can simply activate the manual release to open your garage door

Two Channel Mini Remote:

A two channel mini remote control with rolling code technology can control another door or gate

Accessories:

A wide range of accessories is available for this motor. See page 12 for details

Warranty:

The M230T comes with a two year general warranty and a five year warranty on the motor

Key Features

- Auto safety function
- One piece pole and chain drive system
- Two 2 channel remotes
- Rolling code technology
- Up to 25 memory registers
- Manual release handle
- Auto force sensing
- Courtesy light
- 5 year motor warranty

Accessories

- Wireless keypad
- Wireless wall button
- Safety beam sensors
- Keyed manual release
- 2 or 4 channel mini-remotes

Specifications

- 240V AC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area: 21m²
- Rated door weight: 130kg
- Pulling force: 800N
- Adjustable force: 150N-800N
- 433.92 MHz FM radio with rolling code

Accessories

Single channel remote (AM)

Part No: C940

Suits Models:
MR600/800, MT5580,
MT60/600/1000.

Standard one channel remote control with rolling code technology. Directional visor clip included.

Powered by two long-life 3V lithium batteries.



3 channel remote (AM)

Part No: C943

Suits models:
MR600/800, MT5580,
MT60/600/1000.

Standard three channel remote control with rolling code technology. Can control up to three different doors or gates.

Powered by two long-life 3V lithium batteries.



Wireless wall button (AM & FM)

Part No (AM): CM128

Suits models:
MR600/800, MT5580,
MT60/600/1000.

Part No (FM): M128

Suits models: M430R, M230T

Equipped with rolling code technology for remote operation in the garage or in the home.



3 channel "bear claw" mini-remote (AM)

Part No: C945

Suits Models:
MR600/800,
MT5580,
MT60/600/1000.

Controls up to three different doors or gates.

Suitable for pocket, or key chain.



2 channel mini-remote (AM & FM)

Part No (AM): CM842

Suits models:
MR600/800, MT5580,
MT60/600/1000.

Part No (FM): M842

Suits models:
M430R, M230T.

Controls up to two doors or gates.

Includes a clip-on system for dashboard mounting.



4 channel mini-remote (AM & FM)

Part No (AM): CM844

Suits models:
MR600/800, MT5580,
MT60/600/1000.

Part No (FM): M844

Suits models:
M430R, M230T

Controls up to four different doors or gates.

Includes a clip-on system for dashboard mounting.



Wireless Keypad (AM & FM)

Part No (AM): C840

Suits models:
MR600/800,
MT5580,
MT60/600/1000.



Part No (FM): M840

Suits models:
M430R, M230T
Mounts on the
outside garage
wall or door
jamb.

This enables
you to open your garage door
without keys when you enter a 4
digit security code.

Protector System Safety Beam Sensors

Part No: C77

Incorporates safety beam sensors that
sense obstruction and stop the door
closing before impact.

This system is strongly recommended
for added safety.

Suits all models included in this brochure
except for M430R and M230T which use
the M102.



Motion detecting control panel

Part No: C98

Hard wired motion detector that
automatically turns on the light
when it detects
the slightest
movement.
Includes an
energy-saving
light sensitivity
adjustment to
ensure the light
turns on only
when it is dark.



Keyed release systems

Part No: CM1702 (manual)

Part No: C760 (electronic)

A choice of electronic or manual key
release systems allow entry via the
garage door or gate at the turn of
a key. Suits all models included in
this brochure



Evercharge™ Standby Power Unit

Part No: CM475

Ensures the garage door remains
operational in the event of a power
blackout. Suits model numbers MR800
and MR600



Specifications

Roller, Sectional and Tilt Doors

Model	MR800	MR600	M430R	MT1000	MT600	MT60	MT5580	M230T
Type	Roller door	Roller door	Roller door	Sectional/ Tilt	Sectional/ Tilt	Sectional / Tilt	Sectional/ Tilt	Sectional/ Tilt
Motor	DC	DC	AC	DC	DC	DC	AC	AC
Voltage (V)	24	24	230-240	24	24	24	230-240	230-240
Drive	Drum	Drum	Drum	Chain or belt drive	Chain or belt drive	Chain drive	Chain drive	Chain drive
Pulling force	550N	500N	800N	1000N	600N	600N	800N	800N
Remote controls	2x3 channel mini	2x3 channel mini	2x2 channel mini	2x3 channel mini	2x3 channel mini	2x3 channel mini	2x3 channel mini	2x2 channel mini
Wireless wall control	Standard (CM128)	Optional (CM128)	Optional (M128)	Standard (CM128)	Standard (CM128)	Optional (CM128)	Standard (CM128)	Optional (M128)
Receiver type	Super- heterodyne	Super- heterodyne	Super- heterodyne	Super- heterodyne	Super- heterodyne	Super- heterodyne	Super- heterodyne	Super- heterodyne
Radio frequency	433.92MHz am	433.92MHz am	433.92MHz fm	433.92MHz am	433.92MHz am	433.92MHz am	433.92MHz am	433.92MHz fm
Memory registers	64	64	25	64	16	12	8	25
Code	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Rated door area	16.5m ²	12.5m ²	16.5m ²	16.5m ²	13.5m ²	12.5m ²	15.5m ²	21m ²
Rated door weight	100kg	80kg	130kg	160kg	130kg	70kg	110kg	130kg
Auto close	Only with C77 beams	Only with C77 beams	Only with M102 beams	Only with C77 beams	No	No	No	Only with M102 beams
Soft start/stop	Yes	Yes	No	Yes	Yes	Yes	No	No
Rail in separate carton	N/a	N/a	N/a	Yes	Yes	No	Yes	Yes
Warranty (years)	2 yr general, 5 yr on motor	2 yr general,	2 yr general, 5 yr on motor	2 yr general, 5 yr on motor	2 yr general, 5 yr on motor	2 yr general,	2 yr general, 5 yr on motor	2 yr general, 5 yr on motor

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

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