

# the best way to open and close your garage door.

## convenient

- Opens or securely closes your door by remote control from the comfort and safety of your car. Light comes on automatically, switches off 4 minutes later.
- A push button is built into the opener for operating the door from inside the garage.
- Second button on transmitter can operate your opener light, a second door, gates, alarms or household lighting.
- Extra transmitters are available with 2 or 4 buttons in a variety of styles.
- A manual release cord allows manual operation in event of power failure.
- Auto-close can be set to automatically close your door (requires optional beam sensors)



## secure

- High-security code-hopping radio – each signal randomly chosen from 4.3 billion possible codes.
- Door is positively locked by the strong chassis and drive-train.
- Transmitter is compact for easy removal from your car.



## safe

- Open and close your door from the safety of your car.
- Safety system constantly monitors force. If obstructed, door immediately reverses or stops.
- A run timer, electronic watchdog and relay protection ensure safe operation.
- Designed to meet all safety standards. This may require optional beam sensor to be fitted in a 'fail safe' state. **Merlin recommends use of optional sensor beams which detect an obstruction before door contact is made.**



## fully warranted

- 5 year comprehensive motor warranty and 2 year general warranty. Ask your dealer for details.



actual size

dealer:

# designed for reliability. engineered to last.

## made for your door

- Fits most new or existing residential roller garage doors up to 6m wide and 3.0m high.
- Adjustable force settings, long diecast engagement fingers with multiple mounting points, and electronic settings to compensate for extra tall or light doors allow the opener to be tailored to suit your door.

## smooth and quiet

- Spring cushioned metal worm and machined gears for smooth operation.
- High-torque low-rpm motor mounted in a unique T-chassis for quieter running.

## reliable

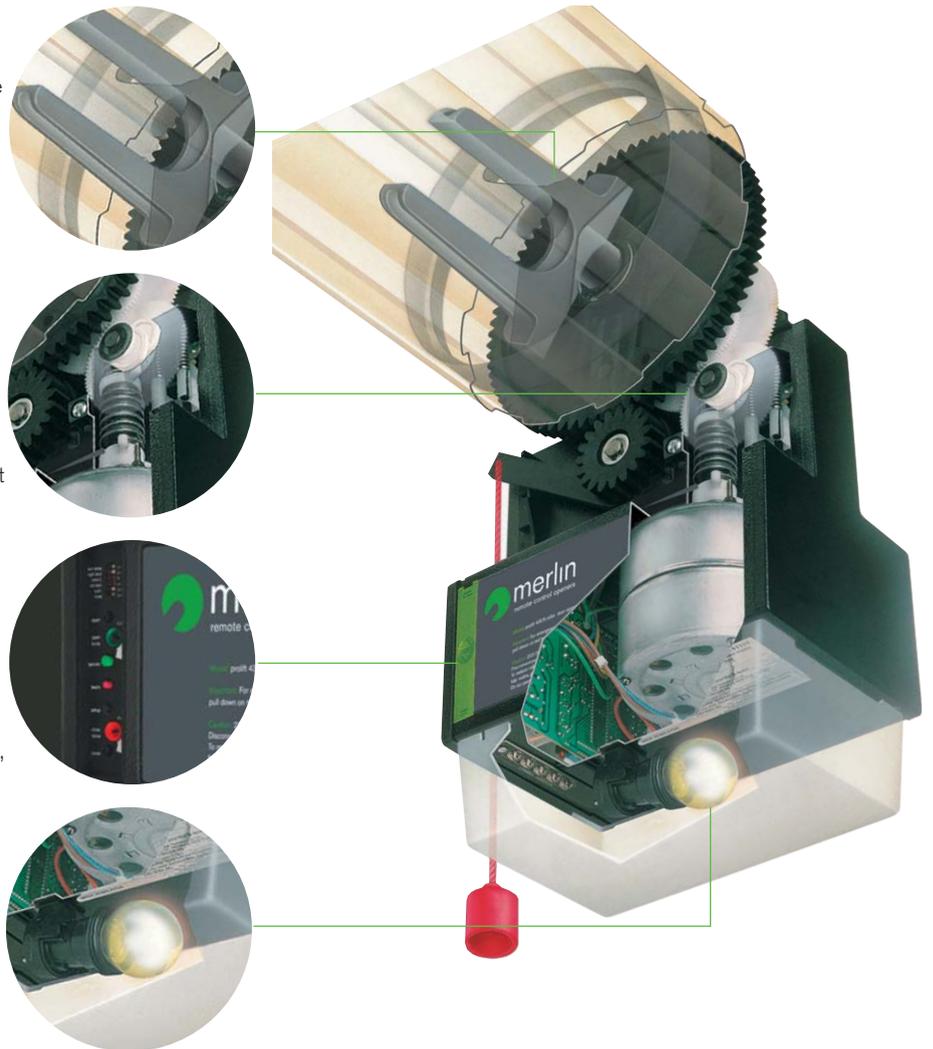
- ISO9002 certified manufacturing.
- Powerful 220watt long life motor features thermal overload protection and permanent lubrication.
- Unique shock-absorbing gearbox.
- 433 MHz radio to reduce interference.
- Surge suppression built in. All settings retained even after power loss.
- Force sensing systems constantly adapt to minor changes in door load from weather and door age.
- System uses magnetic sensor for maximum reliability in dusty conditions.
- Control panel, concealed under large operate button, features diagnostic LEDs for rapid fault finding, controls are colour coded for ease of adjustment.
- Two piece construction allows opener to be removed for service without removing the door.

## professionally installed

- Merlin Authorised Installers are professionals who will ensure your opener is installed with care to work safely and reliably. May entitle you to additional on-site product warranty, ask dealer for details.

## accessories

- Extra 2 or 4 channel transmitters – up to 25 per opener.
- Wireless Keypad allows doors to be operated securely without a key or transmitter.
- Safety Beam sensors are strongly recommended. These stop the door before contact with an obstruction.
- Keyed manual release is required where the garage door is the only entry point.
- Receivers allow lights, gates, older doors or burglar alarms to be operated by remote control.
- Wired or wireless push buttons for operation in garage away from opener.



Beam sensor



Keyed release



M832

M834

M842

M844

M128

M840 Keypad

### Specifications

Input Voltage	230/240 Volts ac (50Hz)
Rated Lifting Capacity*	800N
Adjustable Force	150N - 800N
Travel speed (approx)*	130mm per sec