

Commander Series Quick Reference Guide

Complete Instruction Manual for your Garage Door Opener can be accessed through the corresponding QR Code or visit gomerlin.com.au (Australian consumers) or gomerlin.co.nz (New Zealand consumers).

NOTE: The Complete Instruction Manual needs to be downloaded and referred to for the complete correct installation and setup process.

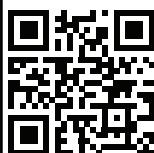
Commander Essential
MS65MYQ



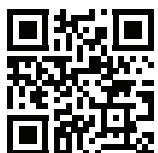
Commander Elite
MS105MYQ



Commander Extreme
MS125MYQ



Commander Extreme II
MS127MYQ



Commander Platinum
MS135MYQ



Commander Platinum II
MS137MYQ

WARNING!

START BY READING THESE IMPORTANT SAFETY INSTRUCTIONS

- Failure to comply with the following instructions may result in serious personal injury or property damage.
- Read and follow all instructions carefully.
- The garage door opener is designed and tested to offer safe service, provided it is installed and operated in strict accordance with the instructions in this Quick Reference Guide and the complete Instruction Manual.



These safety alert symbols mean **WARNING** : A possible risk to personal safety or property damage exists.

⚠ Keep garage door balanced. Do not let the garage door opener compensate for a binding or sticking garage door. Sticking, binding or unbalanced doors must be repaired before installing this opener.

⚠ Do not wear rings, watches or loose clothing while installing or servicing a garage door opener. Wear gloves, safety goggles and suitable protective clothing where appropriate.

⚠ Frequently examine the door installation, in particular cable, springs and mountings for signs of wear, damage or imbalance. Do not use if repair or adjustment is needed since springs and hardware are under extreme tension and a fault can cause serious personal injury.

To avoid serious personal injury from entanglement, **remove all ropes, chains and locks connected to the garage door** before installing the door opener.

⚠ Installation and wiring must be in compliance with your local building and electrical codes.

⚠ The safety reverse system test is very important. Your garage door **MUST** reverse on contact with a 40 mm obstacle placed on the floor. Failure to properly adjust the opener may result in serious personal injury from a closing garage door. **Repeat the test once a month and make any necessary adjustments.**

⚠ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

⚠ Use the **Manual Release** only for the separation of the carriage from the drive and - if possible - ONLY with the door closed. Do not use the red handle to push the door up or pull it down. Operation of the emergency release can lead to uncontrolled movements of the door, if springs are weak or broken or if the door is unbalanced. Mount the release handle of the emergency release at a height less than 1.8 m from the floor.

⚠ This opener should not be installed in a damp or wet space exposed to weather.

⚠ To avoid damage to very light doors (such as fibreglass, aluminium or steel doors), an appropriate reinforcement should be added. To do so, contact the door manufacturer.

⚠ The Protector System™ (IR Beams) must be used for all installations where the closing force as measured on the bottom of the door is over 400 N (40 kgf). Excessive force will interfere with the proper operation of the Safety Reverse System or damage the garage door.

SPECIAL NOTE: Merlin strongly recommends that The Protector System™ (IR Beams) be installed on all garage door openers.

Installers must ensure that the openers are installed on the door in a compliant manner as per AS/NZS 60335.2.95

⚠ After installation, ensure that the parts of the door do not extend over public footpaths or roads.

Install the wireless wall control (or any additional wall control) in a location where the garage door is visible, at a height of at least 1.5 m and out of the reach of children. Do not allow children to operate push button(s) or transmitter(s). Serious personal injury from a closing garage door may result from misuse of the opener.

⚠ Permanently fasten the Warning Labels in Prominent Places, adjacent to Wall Controls and on manual release mechanism as a reminder of safe operating procedures.

⚠ Activate opener only when the door is in full view, free of obstructions and the opener is properly adjusted. No one should enter or leave the garage while the door is in motion.

⚠ Automatic Door- The door may operate unexpectedly, therefore do not allow anything to stay in the path of the door.

⚠ Do not allow children to play near the door, or with door controls. Keep transmitters away from children.

⚠ Disconnect electric power to the garage door opener before making repairs or removing covers.

⚠ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

⚠ WARNING! Product includes wireless transmitters and wall controls that contain coin/button cell batteries. Keep wireless devices and batteries away from children. Battery can cause severe or fatal injuries in 2 hours or less if swallowed or placed inside any part of the body. Seek immediate medical attention if it is suspected that a coin/button cell battery has been swallowed or placed inside any part of the body.

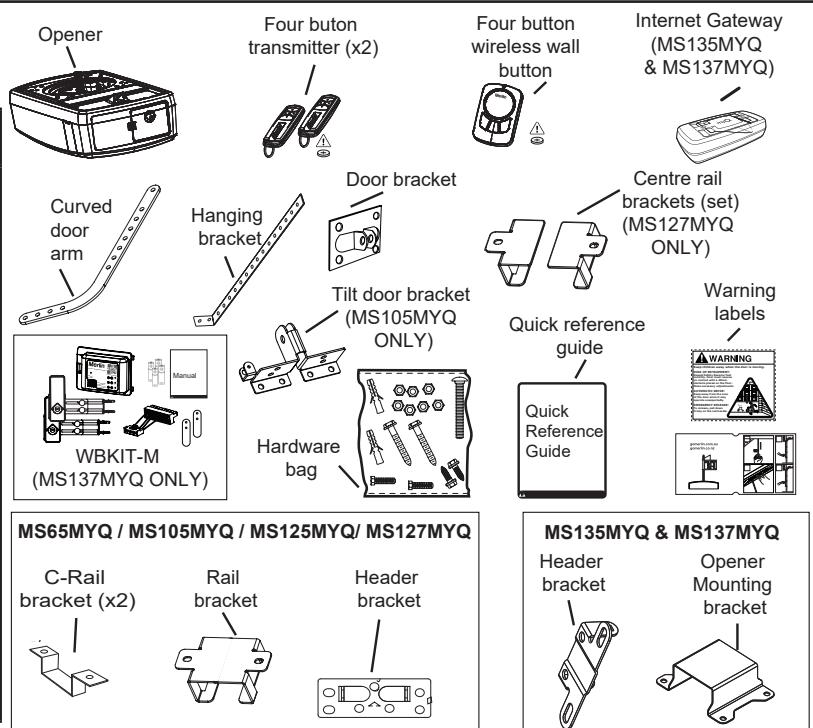
STEPS 1-5 INSTALLATION

1

Take out each of the items included in the box.

WARNING

- The battery is hazardous.
- Keep new and used batteries away from children.
- Do not ingest battery. Chemical burn hazard.
- If the coin cell battery is swallowed or placed inside any part of the body, it can cause severe or fatal injuries in 2 hours or less.
- If the battery compartment does not close securely, stop using the product and keep away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, call the 24-hour Poisons Information Centre on 13 11 26 in Australia, or the 24-hour National Poisons Centre on 0800 764 766 in New Zealand, or seek immediate medical attention.
- Dispose of used coin/button cell batteries immediately and safely. Flat batteries can still be dangerous.

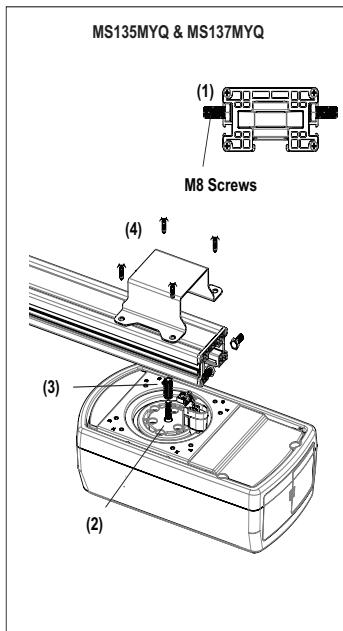
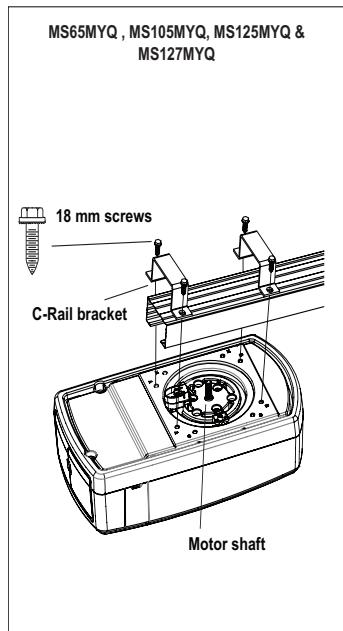


2

Assemble the rail and secure it to the opener.

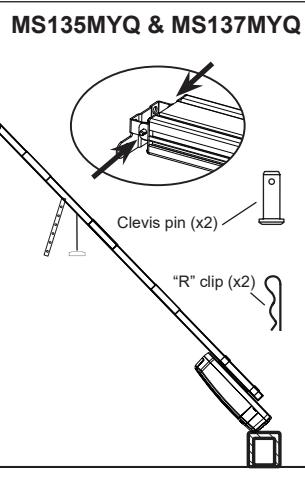
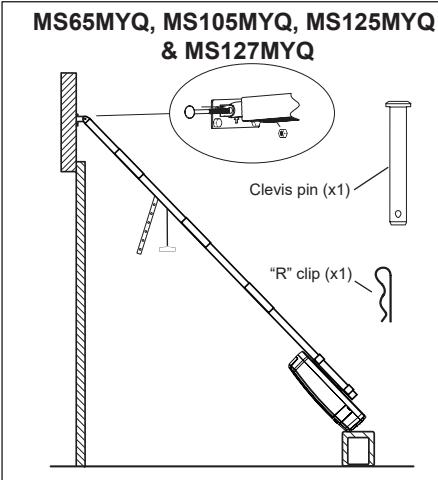
- a) Slide the rail bracket onto the rail (MS65MYQ, MS105MYQ, MS125MYQ & MS127MYQ)
b) Slide screws 300mm from end of rail (MS135MYQ & MS137MYQ).
- Position the rail drive sprocket (inside the rail) over the opener motor shaft (2) and push down to install. Ensure motor shaft adaptor (3) is in place.
- Secure the rail on the opener with the Opener Mounting Bracket (MS135MYQ (4)) or C-rail brackets (MS65MYQ, MS105MYQ & MS125MYQ) using ST6.3 x 18 mm screws.

This completes the assembly of the door opener to the rail.



3

Assemble the rail above the centre of the door using the Clevis pin(s) & R-Clip(s). Ensure that the rail is approximately 50mm higher than the door when it is in the open position.

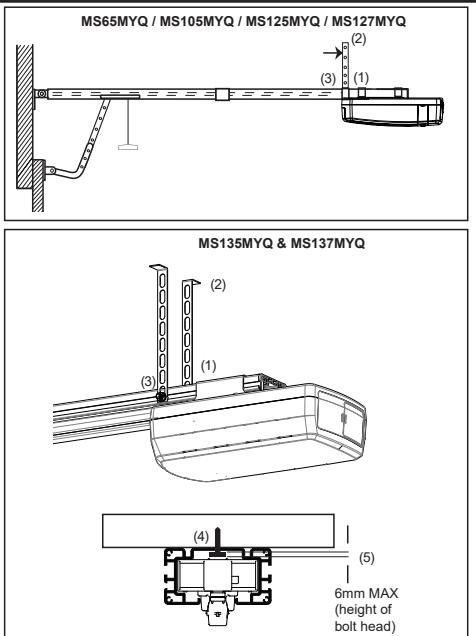


4

Hang the unit from the ceiling.

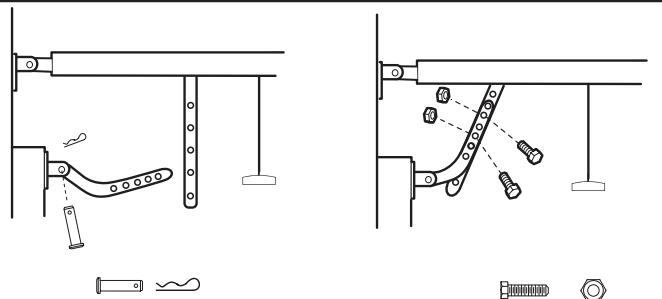
The opener must be securely fastened to a sound structural support above the opener.

1. Position the opener as in the previous step. Check the rail is centred over the door. Position the rail bracket to align with the hanging brackets (1) (MS65MYQ, MS105MYQ, MS125MYQ & MS127MYQ). Ensure the hanging brackets are on the opener end of the rail in a position as close to the opener as possible (1) (MS135MYQ & MS137MYQ).
2. If hanging the opener below the ceiling, bend the hanging brackets provided, and secure to both the ceiling (2) and the rail mounting screws (3).
3. If mounting the MS135MYQ directly onto the ceiling, drill appropriate holes through the top of the rail. Use a minimum of 2 screws to fix to the ceiling. Screw the rail directly into a structural support on the ceiling (4). Ensure screw head height does not exceed 6mm (5) to avoid the screw head interfering with the trolley movement.
4. Check the opener is securely centred over the door. Remove the 50 mm spacer, and any other assembly tools. Operate the door manually and check for unrestricted operation.



5

Attach the connecting arm to the bracket on the door.

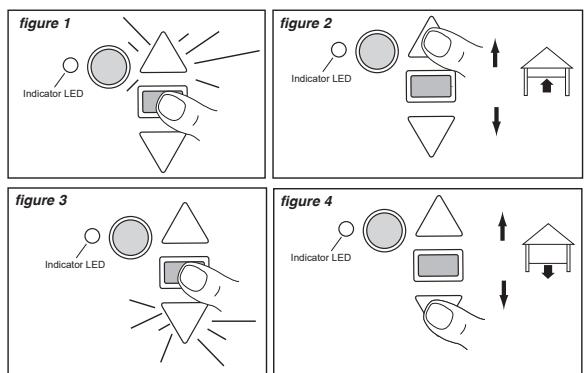


STEPS 6-7 PROGRAMMING/SETUP

6

Program the Travel Limits

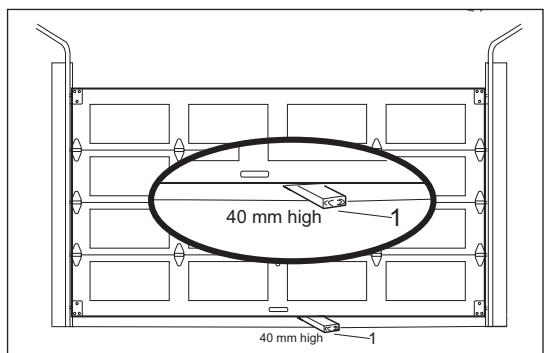
1. Ensure the door is engaged to the opener trolley before setting the limits, otherwise the yellow trolley may move independently and jam into the powerhead assembly or header pulley.
Press the PROG Button until the UP Arrow Button and indicator LED begin to flash (figure 1).
Press and hold the UP Arrow Button until the door is in the desired UP position (figure 2).
2. Once the door is in the desired UP position press and release the PROG Button. The DOWN Arrow Button will begin to flash (figure 3).
Press and hold the DOWN Arrow Button until the door is in the desired DOWN position (figure 4).
Once the door is in the desired DOWN position press and release the PROG Button. The UP Arrow Button will begin to flash (figure 1).



7

Setting the Auto Forces

1. Press and release the UP Arrow Button to set the forces in the UP direction. Same for the Down Direction When the door has travelled to the programmed UP limit, the DOWN Arrow Button will begin to flash.
2. Press and release the DOWN Arrow Button to test the DOWN limit. The door will travel to the programmed DOWN limit. The indicator LED will stop flashing. The travel limits and force setting has now been set. Proceed to test safety reverse system.



The safety reverse system test is important. Garage door must reverse on contact with a 40mm obstacle laid flat on the floor. Failure to properly adjust opener may result in serious personal injury from a closing garage door. Repeat test once a month and adjust as needed.

CONTROL PANEL

1. External Accessory Power: 30 Vdc 50 mA available for universal receiver.

2. Terminal Block: used for external accessories (see chart below).

No	Function	Colour	Polarity	Comment
0	E-Serial port	Green	+ve	Serial Communication Input
1	Push button	Red	+ve	Dry Contact input for push button wired wall controls
2	Ground	White	-ve	Common terminal for push button
2	Ground	White	-ve	Common terminal for The Protector System™ (IR Beams)
3	IR Sensor	Grey	+ve	Merlin IR Beam Input: (pulsing type only)
4	Door-in-door	Green	+ve	For Door in Door dry contact sensor: (see note below)
5	Door-in-door	Green	-ve	Common terminal for Door in Door sensor (4 & 5 are linked by a factory installed jumper)
6	Flasher	Black	+ve	Flashing light output: (24 Vdc 150 mA) while door is in motion
7	Flasher	White	-ve	Flashing light output: negative terminal

3. UP Button: used for initial programming, to drive the door UP, and for displaying Diagnostic Code - Digit 1.

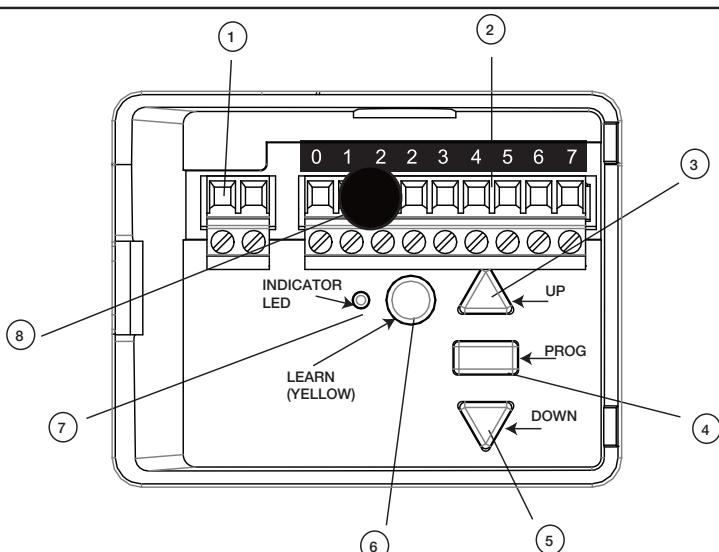
4. PROG Button: used to program door limits, and other features.

5. DOWN Button: used for initial programming, to drive the door DOWN, and for displaying Diagnostic Code - Digit 2.

6. LEARN Button: used to program transmitters and learn the forces manually.

7. Indicator LED: used to indicate various programming modes.

8. Green Button: used to activate the door when transmitters are not available. Open - Stop - Close via finger access through the hole in the access cover.



DON'T FORGET

Warranty Registration

To validate your warranty you must complete the registration form online at:



gomerlin.com.au/warranty OR gomerlin.co.nz/warranty

Merlin®
Powering Garage Doors

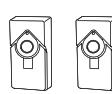
Get Connected with



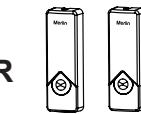
Additional purchase of the myQ Connectivity Kit (included with the MS137MYQ) is required to enable myQ functionality.



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OR



(MS127MYQ & MS137MYQ)

Visit www.gomerlin.com.au or www.gomerlin.co.nz for more details.



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