

Quick Reference Guide

Merlin[®] WeatherDrive MR555MYQ



Complete Instruction Manual For The WeatherDrive MR555MYQ can be accessed through this QR Code or visit <https://www.gomerlin.com.au/product/weatherdrive-mr555myq/>

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

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.



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.



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.



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.

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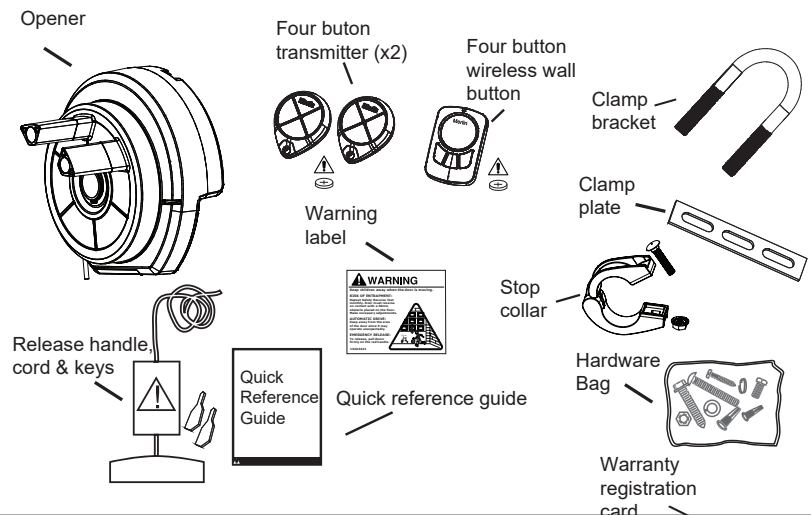
STEPS 1-5 INSTALLATION

1

Take out each of the items included in the box.

WARNING

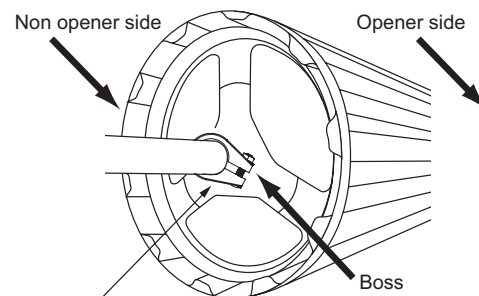
- The battery is hazardous.
- Keep new and used batteries away from children.
- Do not ingest battery. Chemical burn hazard.
- If the coin cell battery is swallowed or placed inside any part of the body, it can cause severe or fatal injuries in 2 hours or less.
- If the battery compartment does not close 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

Install the Stop Collar

- The stop collar is required to be installed on the opposite side of the door to where the opener is to be installed.
- Ensure the U-Bolt holding the door shaft to the door bracket is tightly secure.
- Fit the stop collar hard against the boss of the door drum.
- Reinstall the bolt assembly onto the stop collar and tighten.



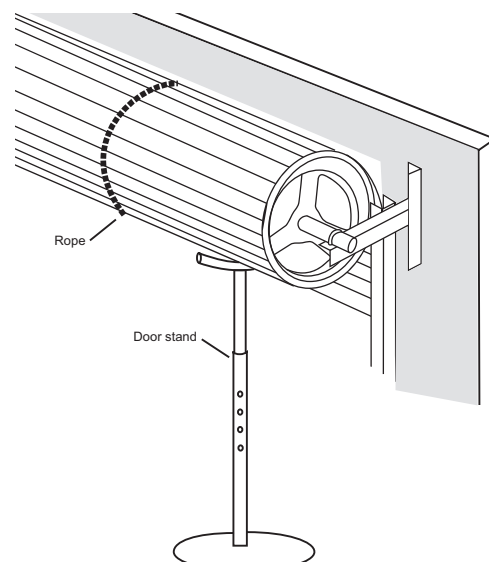
SAFETY CHECK!

Is the stop collar installed?
YES: proceed to the next step
NO: install the stop collar before proceeding

3

Prepare the Door

- Completely open the roller door. For safety, tie a rope around the door.
- Ensure the door axle U-BOLT and door mounting bracket on the left hand side (non opener side) are securely fastened.
- Support the door with a door stand, ladder or similar device to safely support the door.
- Mark the position of the door shaft on the right hand door bracket (for reassembly purposes).
- While the door is supported, remove the right hand axle U-Bolt and door mounting bracket from the wall.

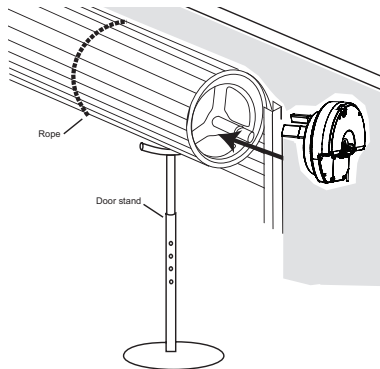


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4

Install the Opener

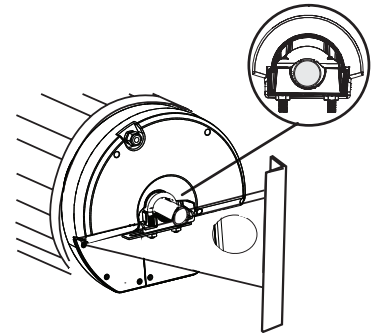
- Slide the opener over the door axle and engage the drive legs into the door drum wheel, either side of a spoke.
- Refit the door mounting bracket to the wall.



5

Install the Clamp

- Clamp the opener on the door axle and door bracket in the marked position using the clamp assembly supplied
- Tighten to 25 – 28 Nm.

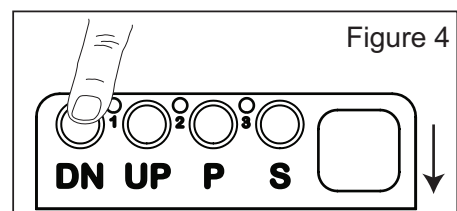
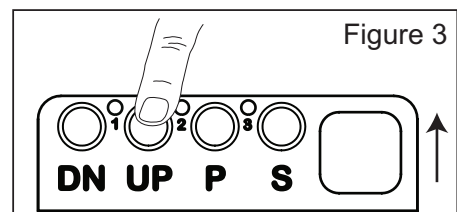
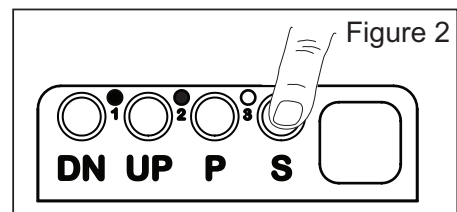
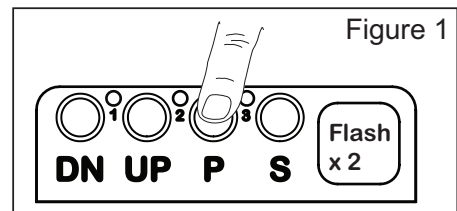


STEPS 6-9 PROGRAMMING

6

Setting the Right or Left hand Operation

- Press the "P" button for 5 seconds until LED 3 will flash, as well as LED 2 or LED 1 will flash. For right hand setting LED 2 will flash, and for left hand setting LED 1 will flash.
- To change to the opposite setting, simply press the "S" button, and the opposite LED will flash.
- When the correct hand setting is selected, press and release the "P" program button to accept this setting. (continue).



7

Setting the Door Limits

- Press and hold the "UP" button until the door reaches the desired OPEN position (You can toggle between the "UP" and "DN" buttons to move the door to the correct position. Make sure there is enough room for your vehicle to pass under).
- Press and release the "P" program button to accept this setting.
- Press and hold the "DN" button until the door reaches the desired CLOSED position (You can toggle between the UP and DN buttons to move the door to the correct position).
- Press and release the "P" program button to accept this setting. (LED 2 should flash to indicate you are now in Force Learn mode) (continue).

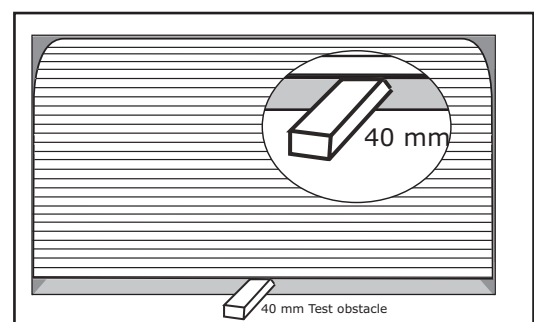
8

Setting the Auto Forces

- Press and release the "UP" button. The door will travel to the OPEN position with LED 2 flashing.
- Press and release the "DN" button. The door will travel to the CLOSED position with LED 1 flashing. When fully closed, LED 1 will stop flashing and the courtesy light will change to full power.



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.



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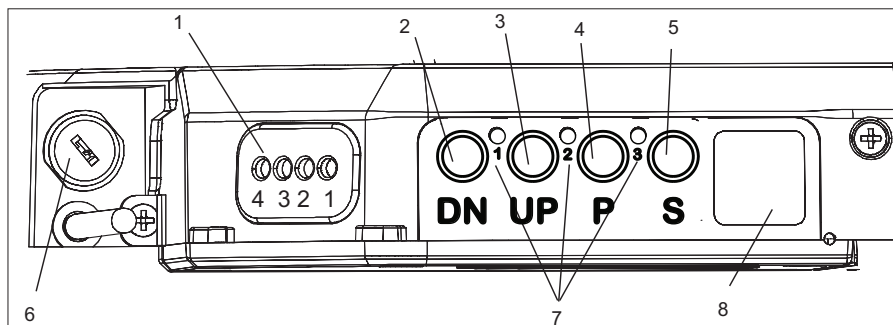
CONTROL PANEL

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

NOTE: The terminal block is weather protected by a rubber grommet. When using external wiring, the cable holes can be punched through with a small screwdriver. These holes should be sealed with silicon sealant in order to maintain the weather proof rating.

No	Function	Colour	Polarity	Comment
1	Push button	Red	+ve	Dry contact input for push button wired wall controls:
2	Common	White	-ve	Common terminal for push button, IR Beams & accessory power:
3	IR Beams	Grey	+ve	IR Beam Input: (pulsing type only)
4	Accessory Power	Green	+ve	24v dc 50 mA accessory output available for a universal receiver

- 2. DN Button:** used to drive the door DOWN
- 3. UP Button:** used to drive the door UP
- 4. P Button:** used to "PROGRAM" the DOOR LIMITS
- 5. S Button:** used to "SAVE" and "DELETE" the "TRANSMITTERS"
- 7. Key Lock:** used to lock the engage/disengage mechanism for commercial applications.
- 6. LEDs:** 1. Program DOWN, and Diagnostic code indicator Number 1
2. Program UP indicator
3. Diagnostic code indicator Number 2
- 8. Courtesy Light:** turns on during operation and automatically turns off after a period of 3 minutes



DON'T FORGET

Warranty Registration

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

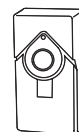
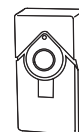
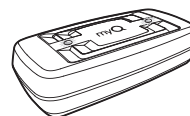


gomerlin.com.au/warranty OR gomerlin.co.nz/warranty

Merlin
Powering Garage Doors

Get Connected with myQ

Additional purchase of the myQ Connectivity Kit is required to enable myQ functionality.



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

