

Gmatic Manual



G-Cora™

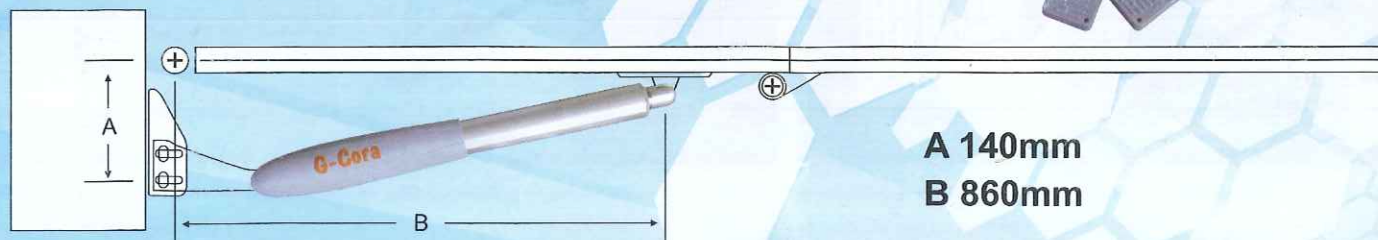
Model : G-680
***G-830**

TECHNICAL SPECIFICATION:

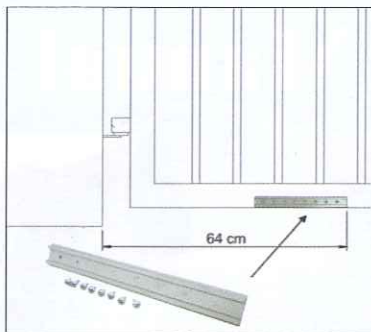
Swing type auto-gate

Driving Method : Electro - mechanical screw driver piston type

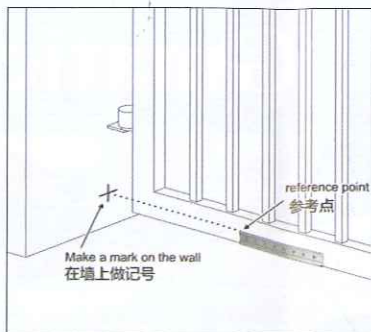
Operating Voltage : DC 18V for normal speed (Two Speed)



1 安装C-槽底座 Install the C-channel base



2 在墙上做记号 Make a mark on the wall



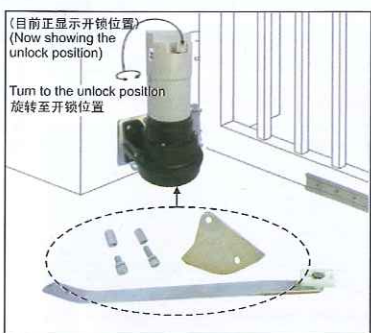
3 安装墙壁托架 Install the wall bracket



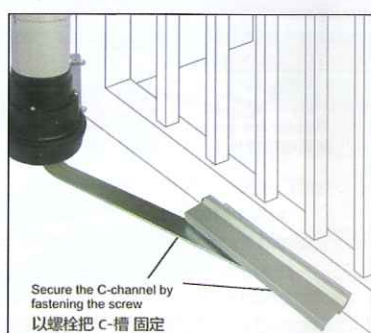
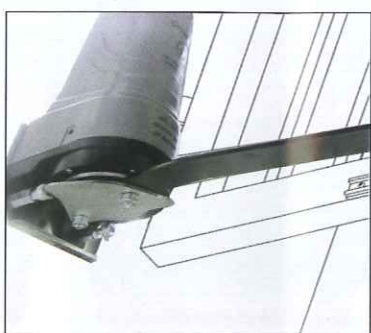
4 安装马达 Install the motor



5 将配件安装到马达上 Assemble the accessories to the motor



6 马达与门链接 Link the motor to the gate



7 调整开与关的停止位置 Adjust the open and close position



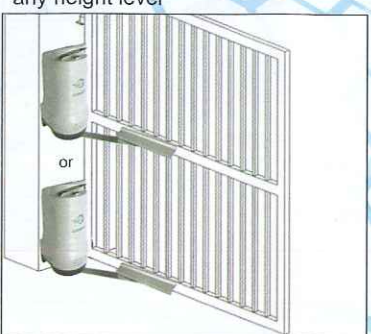
8 将电缆连接上 Connect the electric cable



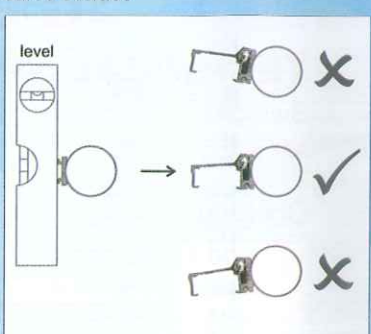
9 把外壳盖上 Put on the housing



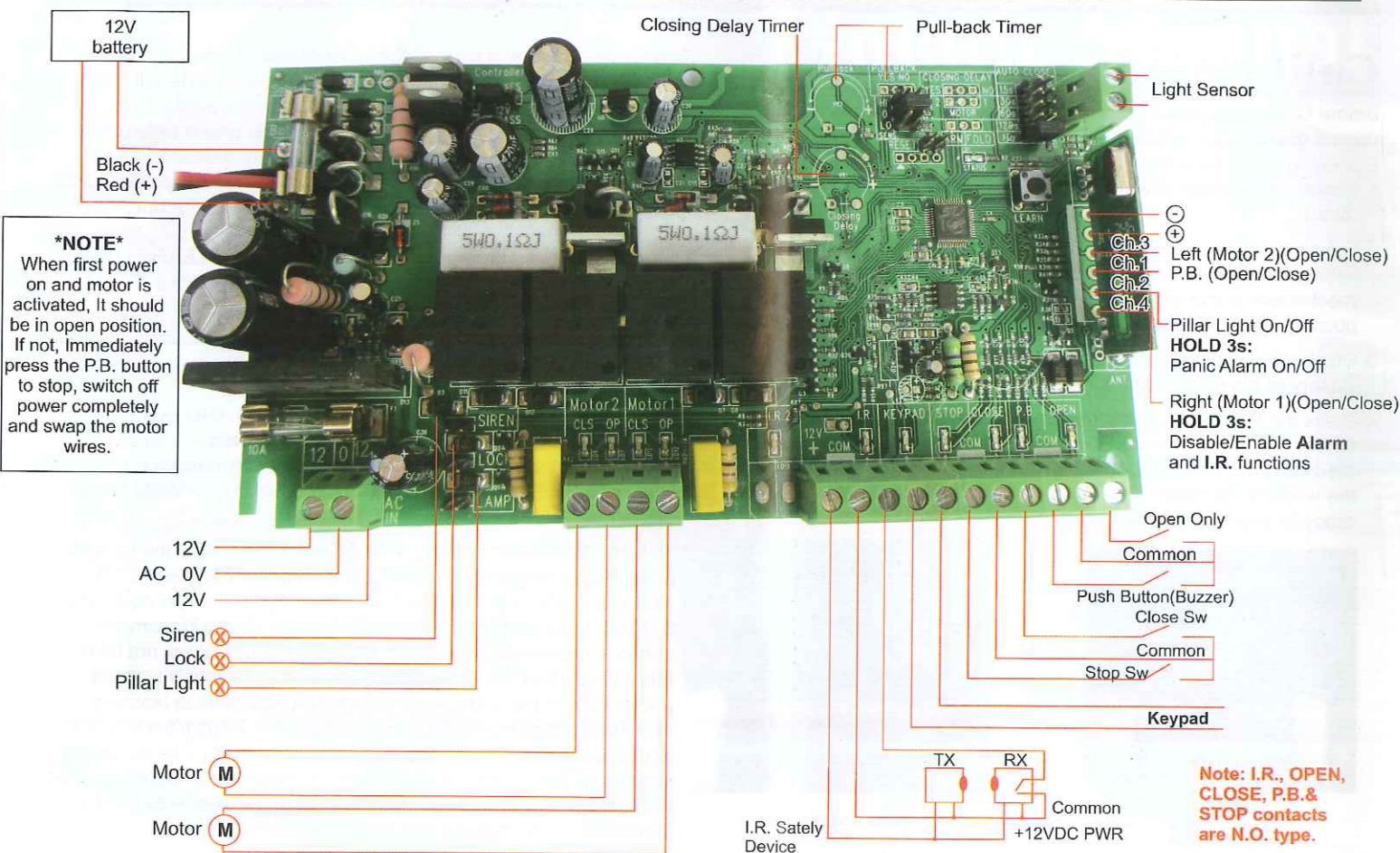
马达可安装於任何高度
* The motor can be installed at any height level



C-槽也可以装到弧形表面上
* The C-channel can be installed onto a curve surface



Gmatic Electrical Connection Diagram



Gmatic Keypad Diagram & Operation

Keypad operation

To operate the door opening/closing functions, use the bottom three buttons. The centre button operates both doors, while left and right buttons operate on either side of the door, i.e. left for left door, and right for right door (as seen from inside the house looking out).

Below lists the features of the other buttons:

- 1. PANIC:** PANIC is to activate/de-activate PANIC function, the Keypad will continuously sound the BUZZER for 2 minutes and activate SIREN (if connected).
- 2. Pillar Light / IR Sensor:** Pillar Light is to activate/de-activate Pillar Light (if connected) manually. IR Sensor (**PRESS AND HOLD** the button for 3 seconds, and a BEEP sound indicate the function is selected) is to temporarily disables IR Sensor device in case of malfunction preventing the door from being close.
- 3. Buzzer:** Buzzer is to activate/de-activate the Buzzer sound feature where the buzzer will beep according to the door operation currently underway.
- 4. System Lock:** System Lock is to activate/de-activate SYSTEM LOCK feature where, if enabled, will disallow any operation of the door when activated (indicated by SYSTEM LOCK LED).
- 5. Auto Close:** Auto Close is to temporarily disables Auto Close feature (if enabled).

Slow Speed Adjustment

To enter into a special mode to adjust both Motor sides' Opening and/or Closing Slow Speed, **PRESS AND HOLD** the Buzzer button for 3 seconds, and a BEEP sound indicate the function is selected; and the LEDs will display the current settings for each of the Motor side. To adjust any of the settings, use the Pillar Light button to cycle through the available settings -- Slower, Normal and Faster -- while still in this special mode.

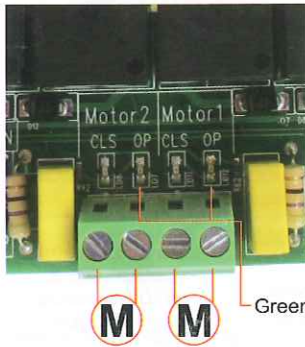


Gmatic Calibration & Receiver

Calibration

Before Calibration, make sure that the doors are running in the correct direction, i.e. when opening it should be opening; and correct Operating Mode selected.

1. Switch off the main power and dis-connect Battery to the control board.
2. Select the correct Operating Mode (**F** in diagram) via the jumper setting for either ARM or FOLD. Then use the door release mechanism of the motor and manually push the doors at half-way position, i.e. 45-degree angle.
3. Disable the door release mechanism and re-apply the power and Battery to the control board.
4. Press the P.B. button or the transmitter button to activate the doors. Check the Green colour LED indicators of Motor 1 and Motor 2 are lit and the doors are opening. If not, stop the doors and swap the wires of the motor side(s) which is/are not correct. You are now ready to start calibrating!



To calibrate, press and release the LEARN button 3 times in quick succession to activate Calibration. The Motor 2 door side will close at slow speed first, follow by Motor 1 door side afterwards. Then both doors will open at fast speed and then slow speed before fully open. The doors will then close at fast speed and then slow speed before fully close. The doors will repeat the opening and closing cycle another time. Now the doors are calibrated and ready for operation.

If there is a problem during Calibration, pressing the LEARN button once can halt the operation and return to normal operation.

Embedded Receiver

For models with Embedded Receiver on-board, the procedure for learning the Transmitter(s) to be use are as follows:

1. To erase all learned Transmitter codes, PRESS AND HOLD the LEARN button (**E** on diagram) -- about **5 seconds** -- until the STATUS LED stays ON and then blinks twice to indicate the erasure is successful. Release the LEARN button now to complete the operation.
2. To learn Transmitter code(s), PRESS AND RELEASE the LEARN button (**E** on diagram), the STATUS LED will ON and stays ON. Now press any button on the Transmitter to transmit the code. The STATUS LED will blink continuously as long as the Transmitter button is held down. If however, the STATUS LED does not blink, this indicate that the Transmitter's code was previously learned and stored; or the code is not recognised. To continue learning new Transmitter, repeat by pressing the other Transmitter's button and stop after no more Transmitter is to be learned. The maximum number of Transmitter could be learn on-board is 10. Do not exceed this number or the number 11th Transmitter will overwrite the 1st Transmitter code learned and continue from there.

Gmatic Options Selections

(A) Pull-back Timer

- ☐ Disable
- ☒ Enable
Adjust timing via
Pullback VR:
0.1s - 1.5s

(B) Closing Delay Timer

- ☐ Disable
- ☒ Enable
Adjust timing via
Closing Delay VR: 2s - 7s

(C) Auto Close Timer

- ☐ 15 seconds
- ☐ 30 seconds
- ☐ 60 seconds
- ☐ 120 seconds
- ☒ No Auto Close

(D) Sensitivity Setting

- ☐ High Setting
- ☒ Normal
- ☐ Low Setting

(E) Motor Used

- ☐ 1 Motor only [Motor1]
- ☒ 2 Motors

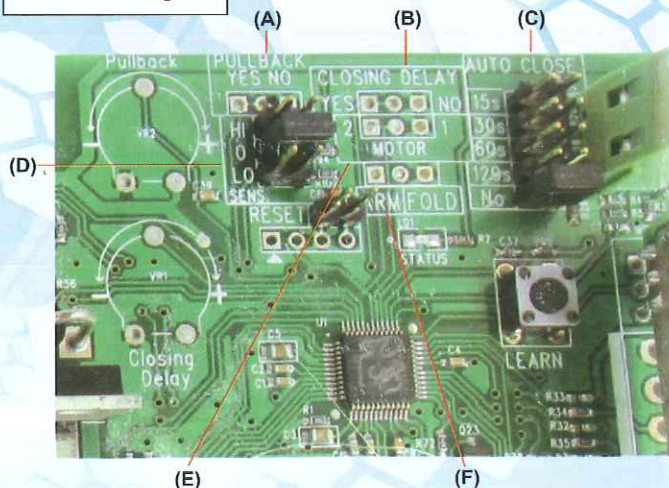
(F) Operating Mode

- ☐ FOLD type
- ☒ ARM type

(G) 12V Bypass

- ☐ Yes [When <14VAC]
- ☒ No [Default]

NOTE
For any setting changes, please short the RESET pins to effect the changes.



WARNING
Special setting when using only 2 Wire AC Inputs supplying to the control board if less than **14VAC**.
Change when POWER OFF!