



Automatic Garage Door Operator

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Technical specifications may change without prior notice.
All goods are subject to the standard factory warranty as laid out on the last page of this publication

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The following are a couple of quick reference reminders of procedures and instructions your service provider/installer discussed with you on completion of your new garage door automation. For any queries not sufficiently answered by the following please make contact with your service provider/installer. Failing which contact us directly for telephonic/internet support.

Please consider that by automating your garage door you have created the largest moving electrical appliance in your home. As an appliance it needs to be respected as a danger if not used correctly.

- **Do not operate the door without clear sight of it.**
- **Ensure children and pets are kept clear of the automatic door area at all times. (Speak to your service provider about detection equipment for your type of door)**
- **Check for any obstructions before operating your door.**
- **Have your service provider inspect and service your door mechanics regularly. Even maintenance free doors need to be checked regularly for mechanical wear.**

How to open and close the door.

The two most popular ways to do this are either by remote control or by wall mount push button. Simply press and release the designated open/close button on either the wall console or remote control. If the door is:

- Closed – It will begin opening
- Opening – It will stop and wait for next trigger to close
- Open – it will start closing
- Closing – it will stop and re-open.
- If the holiday lock-out is active – unit emits three rapid beeps and courtesy light flashes three times rapidly. (See using holiday lock-out mode)

How to switch the courtesy light on/off.

The courtesy light will come on automatically when the door is triggered to open or close and will switch off automatically three minutes after the last operation of the door. If you would like to switch the light on/off without opening/closing the door simply press and release the button designated to the light control on either your remote or wall mount button console. The light will switch off automatically after three minutes again. Please note that the light control is also used for holiday lock-out activation/de-activation. (See using holiday lock-out mode.)

Understanding and using holiday lock-out mode.

The holiday lock-out mode is an added feature that allows you to disallow other users from operating the door from time to time. This feature is usually used where domestic workers gain access to the house via the garage. This can also be used if somebody is busy in the door area and they do not want other users to operate the door while they are there.

To activate holiday lock-out:

1. Close the door
2. Press and hold the button designated to the light control.
3. When unit emits three rapid beeps as the light flashes three times rapidly, release the button.
4. Any attempts to operate the unit at this point will result in a repeat of the light and buzzer beeping and flashing.

The only position the door cannot be locked in is the full open position. If you want to lock the door open, then stop the opening door before it reaches the full open position and follow the above procedure.

To deactivate holiday lock-out:

1. Press and hold the button designated to the light control
2. When the unit emits three long beeps as the light flashes three times slowly, release the button.
3. The operator is back to normal mode.

To open or close the door manually.

Release the door from the operator:

- While pulling down on the emergency release cord start moving the door with your other hand.
- Release the cord.
- The lever attached to the cord will spring back and you can continue moving the door manually
- If at any point, the door re-engages or positive locks repeat the first step above.

To re-engage the door:

- Press the door control button.
- The drive will collect the door (you will hear a click as the traveler/sledge re-engages)
- If the door does not re-engage by the time the motor stops running, re-trigger the unit and allow it to collect the door in the other direction.

You can also move the door gently by hand until you feel and hear it click back on to the drive system. Once engaged, you can continue to use the automation normally.

To secure your door when the drive system is still in the open position and the power is off:

To lock:

- While in manual mode as above, move the door fully closed until you feel it lock into place.

To un-lock:

- Trigger the unit with the door control button.
- It will run and collect the door for normal operation.
- If the power has not returned by the time you want to open the door, pull the release cord and move the door.



Understanding the automatic obstruction-sensing feature.

Your garage door operator has an automatic safety feature built in, obstruction sensing. Knowing and understanding how this feature works will help you maintain a safe and working automation system. This feature monitors for any excessive physical resistance to the door while moving. Most often this resistance is caused by badly maintained or un-balance doors. An untreated wooden door will travel differently in the rainy season as it soaks up water and becomes heavier. Extreme weather conditions can also be a cause of excessive physical resistance. A fiberglass door in a storm for instance. The obstruction sensing primarily designed into your unit as a safety feature, (A door closing onto a motor vehicle) also protects the unit from internal damage. Please test for the following on a regular basis or have your service provider do the tests.

Your door when sensing an obstruction;

- On opening should stop and wait for the next door-control trigger to reverse.
- On closing should stop and reverse to the open position. (For your safety, use a brick or milk crate to test this.)

If your door initiates the obstruction sensing routine without any obvious cause, try manually disengaging it from the drive system (see "To open and close the door manually" above) and then trigger your unit to run without the door. If the unit completes a full open and closed cycle successfully, contact your door supplier/service provider to check the door. If your unit does not initiate the obstruction sensing routine at any point during testing, contact your operator service provider/installer.

Using the automatic close feature.

If you want your garage door to close 20 seconds after opening, the auto-close feature must be activated. Speak to your Service provider/installer about this. For safety reasons, it is required that safety detection devices such as an infrared beam set be connected to the units control card. If there is any interruption to the beam, by an object in the door area, the unit will not close. If there is any interruption to the beam, while the door is closing, the door will stop and return to the open position. 20 Seconds after the obstruction has been cleared the door will begin closing again. If auto-close is selected the unit will emit three beeps before closing. You can trigger the door to close before the 20 seconds time out via the door control button.

What the beeps mean?

- 1 x beep** – Insufficient battery power – Allow enough time to recharge. If problem persists, contact your service provider.
- 2 x beeps** – Interruption of household electrical supply (power failure). Check the plug point and distribution board.
- 3 x rapid beeps** – Holiday lock out – see "Understanding and using holiday lock out" on page 2.
- 3 x long beeps** – Auto-close is active and the door is about to close.

Notes about the battery reserve.

In the case of a power failure the DC BLUE PLUS will draw all power from the batteries.

The available reserve is 1.2A/hour at 24Vdc when fully charged.

The continuous draw is approximately 29mA on standby. (Even though you are not running the door) The unit will, therefore, remain powered for approximately 12-18hrs without running the door. Thereafter the door may not run correctly

The amount of times you can run the door when the power has failed will depend on the door running load and time. Please check with your installer.

NB! Extended power failures will be detrimental to the lifespan of the batteries. To prevent irreversible damage to the batteries re-apply power immediately you become aware of the power interruption. Or contact your electrical power supply company.

The battery reserve recharge time is approximately 8hrs to full charge from resumption of mains power supply. (This is dependent on length of standby time used). After extended power failures minimize use of the unit for the duration of the recharge time.

Allow at least 8 hours charge time after the installation of new batteries in the unit.

WARRANTY: All goods manufactured by G&C Electronics cc T/A ET Systems carry a 12 month factory warranty from date of invoice. All goods are warranted to be free of faulty components and manufacturing defects. Faulty goods will be repaired or replaced at the sole discretion of ET Systems free of charge. This warranty is subject to the goods being returned to the premises of ET Systems. The carriage of goods is for the customers account. This warranty is only valid if the correct installation and application of goods, as laid out in the applicable documentation accompanying said goods, is adhered to. All warranty claims must be accompanied by the original invoice. All claims made by the end user must be directed to their respective service provider/installer.

The following conditions will disqualify this product from the warranty as laid out above.

These conditions are non-negotiable.

- Any single DC-BLUE PLUS garage door operator used to automate more than one door at one time.
- Any DC-BLUE PLUS garage door operator used outdoors, including carports.
- Any DC-BLUE PLUS domestic garage door operator used in excessive traffic applications for example an apartment-block parking garage.
- Any unauthorised non-manufacturer modifications to the product or components thereof.