

AC Motor Controller with Optional LED

Model: 98GC274A

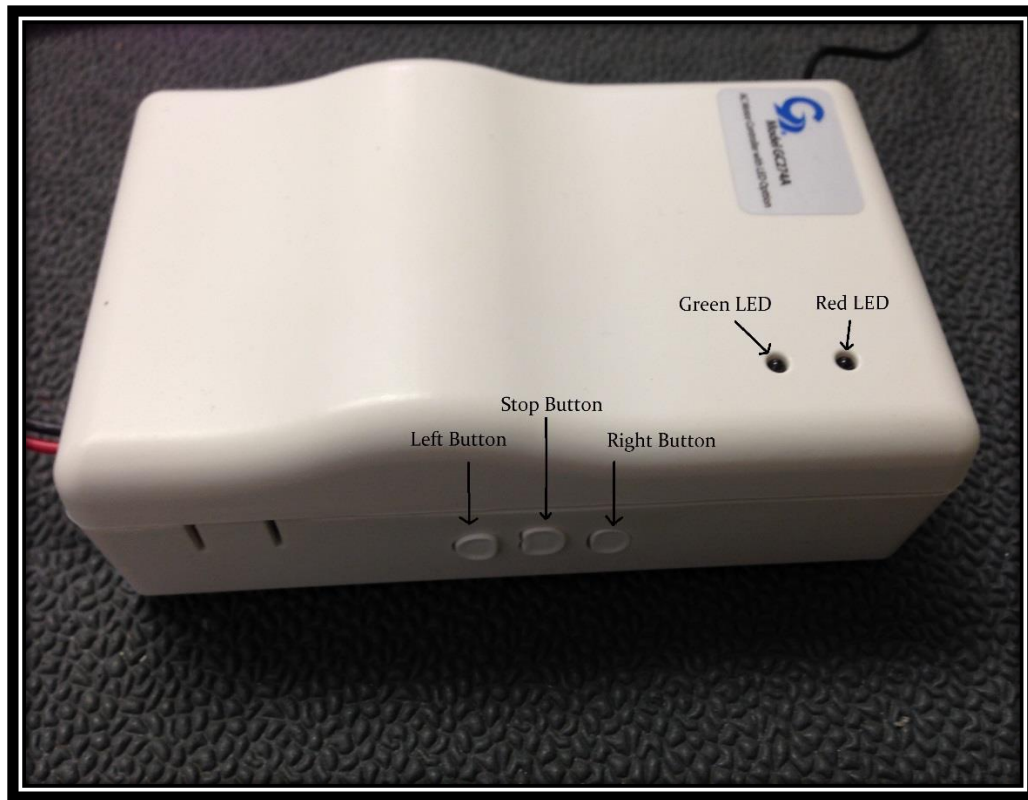


Figure 1

Description:

The **GC274A** AC Motor Controller with optional LED is designed to cover some customer needs. This unit is able to control Standard AC Motor UP to 8 Amps; it can also provide 12 volts DC power for an optional LED strip. It can be remotely operated with all Girard Remote Controls.

Sometime, if only the AC Power is available or the DC volt is not easy to reach. Here is when this unit is very important and it will save a lot of time on the installation.

The **GC274A** may be programmed simultaneously with up to 20 Remote Controls or other remote units. If an additional unit is programmed it will replace the last unit programmed and the previous 19 units will remain unchanged.

The Remote Control will operate the receiver from a distance of more than 500ft in open air and more than 100ft in the presence of obstructions. The RF transmission frequency is 433.92MHZ.

The Awning may be operated directly from the **GC274A** using the UP/STOP/DOWN buttons (see figure 1.). The direction of travel of the motor can be reversed without the need of changing the wiring by press the UP and DOWN button at the controller at the same time for least 5 seconds.

The **GC274A** has a quick connector for an easy installation ... The black and Red cables are used to connect an Optional LED Strip.

NOTE:

- *Before starting this procedure the Receiver must be without power (OFF) for at least 10 seconds.*
- *During the programming function the interval between each step required, must be less than 10 seconds.*

1. Programming the GC274A to a Remote Control

- a. Press both sides of the cover to open the lid and have access to the programming button.
- b. Turn on the power to the GC274A
- c. Press the program button (Fig. 2): the Green LED will start blinking
- d. Press STOP (Fig.1): The Green LED will stop blinking and stay on solid
- e. Press the UP button on the REMOTE (Control or Unit): The Green LED will turn off.
- f. Press the UP or Down button to make sure the awning move
- g. Press the light Arrow on the Remote control to turn the LED Strip ON/OFF

2. Programming the GC274A to a Anemometer (98GC116I)

- a. Turn on the **GC274A** and the **GC116I**(Leave them on if already on)
- b. Press the **PROGRAM** button on the **GC274A** (the LED will start blinking)
- c. Press the **STOP** button on the **GC274A** (The LED will be on solid)
- d. Press the **UP** button on the **GC116I**
- e. Extend awing using a Manual Remote Control and press again the **UP** button on the **GC116I** to verify that the unit is working properly (the awning should Retract)
- f. Adjust the wind adjustment dial of the anemometer between 1~2.

3. Programming the GC274-00 to a Motion Sensor(98GC779G)

- a. Power the GC779G connecting the leads to a 12volt DC circuit.
- b. Set the Adjustment Dial to level 5.
- c. Press the program button on the **GC274A** (The green LED will start blinking).
- d. Press the Stop button on the **GC274A** (The green LED will stay solid).
- e. Press the programming button on the GC779G.
- f. Test if the code was accepted by pressing again the push button on the GC779G (The Awning should retract).
- g. If the Awning does not retract, repeat steps a to e
- h. Bring back the Black Dial to the desired sensitivity number (level 3 is the factory setting).

4. Cancel one Remote from the GC274A

- a. Turn on the power to the **GC274A**
- b. Press the program button (Fig. 2): the Green LED will start blinking
- c. Press STOP (Fig. 1): The Green LED will stop blinking and stay on solid
- d. Press the **DOWN** button on the REMOTE (Unit): The Green LED will turn off.

5. Delete all of the Remotes from the 95GC274-00

- a. Turn on power to **GC274A**
- b. Press simultaneously the **Middle and the left** button of the 95GC274-00 for at least 6 seconds:
The Green LED will first turn on solid and then blink a few times. When the Green LED turns off the operation is completed.

6. Program “Continuous” or “Step” mode of operation

- a. Turn on power to **GC274A**
- b. Press simultaneously the **STOP** and **RIGHT** button of the **95GC274-00** for at least 6 seconds:
The Green LED will first turn on solid and then blink a few times. When the Green LED turns off the operation is completed.

7. Change Motor direction

- a. Turn on power to **95GC274-00**
- b. Press simultaneously the **LEFT** and **RIGHT** button of the **95GC274-00** for at least 6 seconds: The Green LED will first turn on solid and then blink a few times. When the Green LED turns off the operation is completed

