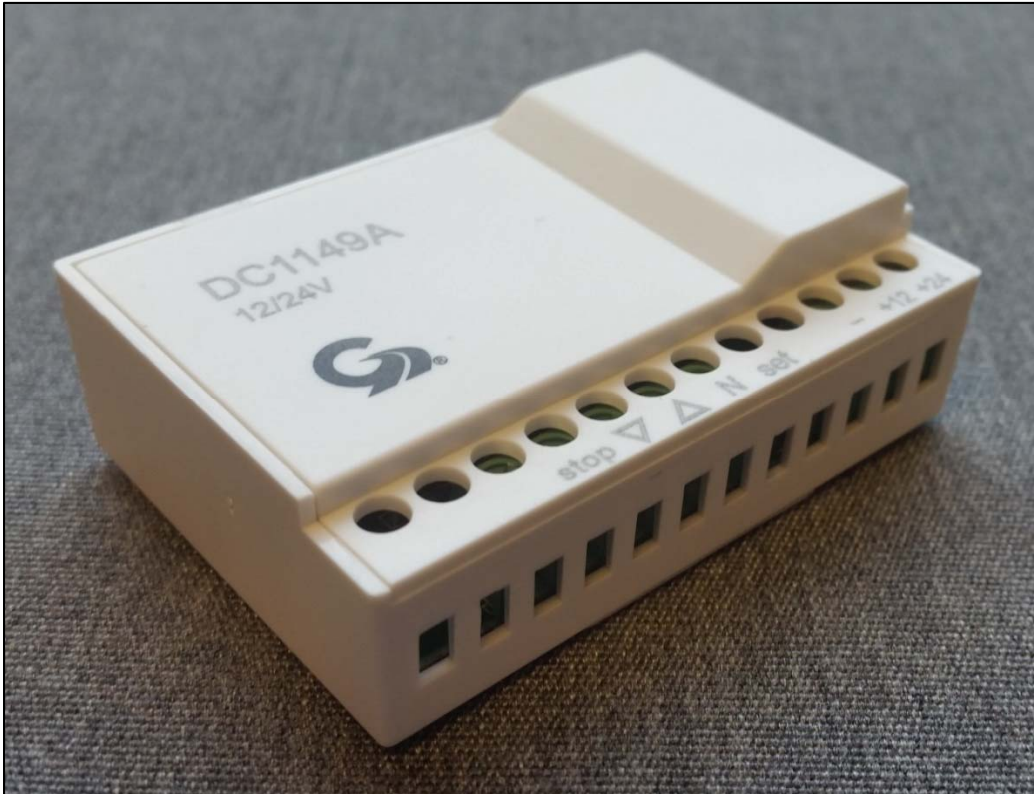


DRY CONTACT MODULE

GC1149A

INSTALLATION GUIDE

REV.09302015



RV AWNING PRODUCTS

1361 CALLE AVANZADO, SAN CLEMENTE, CA 92673 (800) 382-8442 FAX (949)276-5500

www.girardrv.com



Girard Systems awnings may be operated in light wind and rain conditions. When periods of heavy rain and or high wind are expected the awning must be closed. Never leave the awning open and unattended.

Damage caused by wind and rain is not covered by warranty.

All awnings must be closed prior to moving the vehicle for any reason. As an extra safety precaution a visual check that every awning is fully closed is required.

Damage caused by failure to comply with these instructions is not covered by warranty.

Before using your awning, ensure that the area into which the awning will be deployed is free of obstructions (Trees, walls, pillars, posts, other vehicles etc.)

Damage caused by collisions with any of the above or similar is not covered by warranty.

Before using your awning make sure that all of your electrical circuits are operating correctly. Recreational Vehicles can generate AC power from three separate sources. The electrical system transfer switch in your vehicle will select power for the awning as follows:

Shore Power – if connected;

Generator Power – if the generator is running;

Inverter Power – batteries must be charged for inverter operation.

Girard Systems awnings are supplied with an electric motor appropriate to the product.



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THE G-LINK SYSTEM

The G-Link motors and control modules provided by Girard Systems communicate by use of RF signals on a frequency of 433.92 MHZ. This eliminates the need for wiring and the drilling of holes in the vehicle. These components must be electronically matched, programmed or paired before use. This is usually done at the Girard Systems factory. Should the need arise for the user to pair a device with the motor controller they must refer to the appropriate manual for the devices applicable to their particular installation.

PRODUCT DESCRIPTION

The GC1149A Dry Contact Module allows the user to interface their Dry Contact Systems (Crestron, Switch Input or RV-C) with our G-link Controllers. This module will accept Retract, Stop and Extend commands from the Dry Contact System and send an RF signal to any programmed G-link Controller or Remote Motor. Using this module the user will be able to operate their Girard awnings with their smart system.

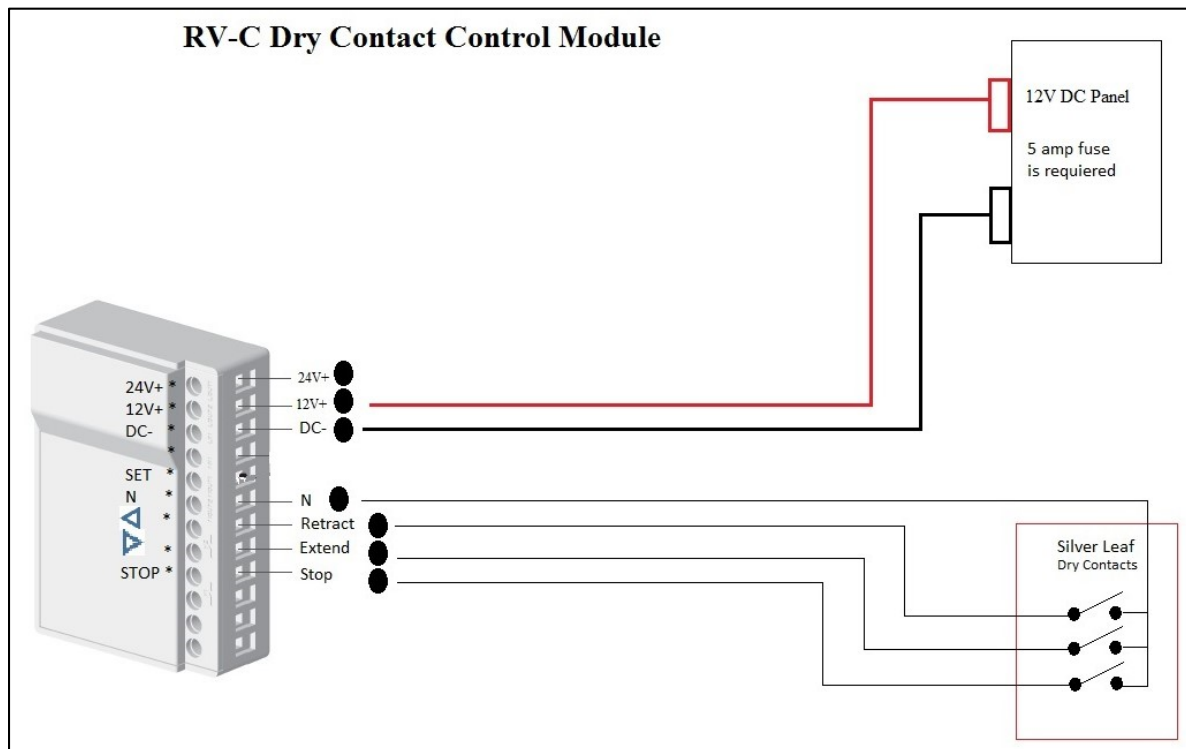


Fig.1

Technical Specification

- Input voltage : 12V/24V
- Transmitting frequency : 433MHz
- Transmitting power : 10 milliwatts
- Transmitting distance : 500 Feet open area
- 120 feet on two walls

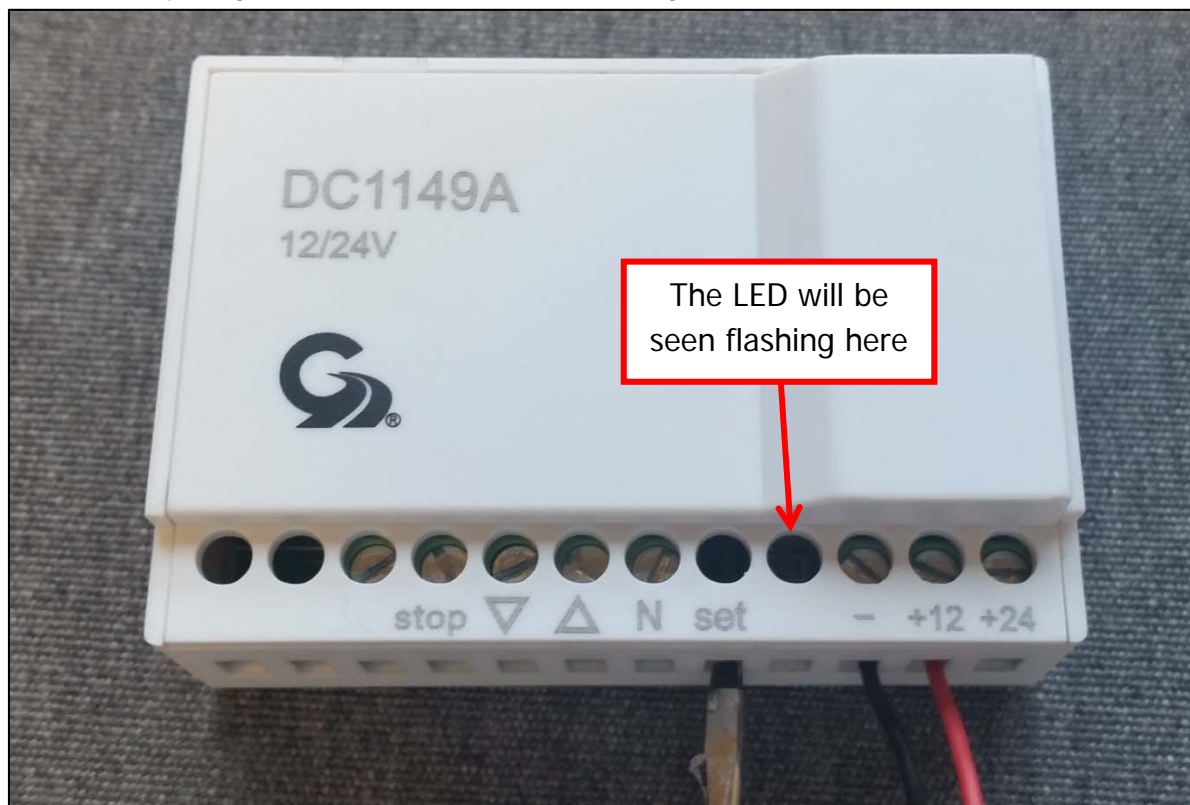
MODES OF OPERATION

The GC1149A has 3 modes of operation;

1. Continuous Mode (Default) – A single press of a command button will allow the awning to fully extend or retract unless interrupted by the STOP button.
2. Step Mode (Selected) – The command button must be held down to allow the awning to fully extend or retract. The motor will stop as soon as the command button is released.
3. Secondary Continuous Mode (Selected) – A single press of a command button will allow the awning to fully extend or retract unless interrupted by pressing either the same command button or the stop button.

To select each mode the module must be connected to a 12v power supply.

- Use a small screwdriver or similar tool to press and hold the SET button, a blue/purple LED next to the set button will begin to flash 5 times slowly and then ONCE quickly to indicate the DEFAULT mode.
- Continue to hold the set button (for about 12 seconds) until the LED flashes TWICE quickly. This will select the STEP mode.
- Continue to hold the set button (for about 20 seconds) until the LED flashes 3 TIMES quickly. This will select the secondary continuous mode.





PROGRAMMING STEPS

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 GC1149A TO A RECEIVER(GC136, GC154 or GC274)

- a. Connect the Dry Contact Control Module (GC1149A) to 12 Volts DC (Fig.1)
- b. Make sure that the **Receiver** is powered ON
- c. Press the program button on the **Receiver**: the Green LED of the Receiver will start blinking
- d. Press STOP on the **Receiver**: The Green LED will stop blinking and remain illuminated.
- e. Press the Retract button on the dry contact or using a small jumper from Common to Retract, which will link the GC1149A to the motor controller: The Green LED will turn off.
- f. Note: Blue / purple light will flash on the GC1149A every time it transmits.
- g. Try to operate the Awning by using the system or by using small jumpers from common to retract terminal. If the Awning does not move, repeat steps "a" to "e".

2. Programming the 98GC1149A to the GC732G (DC Motor Control)

- a. Connect the Dry Contact Control Module (GC1149A) to 12 Volts DC (Fig.1)
- b. Supply power to the **GC 732G**: The unit will start beeping for least 5 seconds.
- c. Press the Programming button for at least 3 seconds. (Red LED will turn ON after 3 seconds).
- d. Press the Retract button on the dry contact or using a small jumper from Common to Retract terminal, which will link the GC1149A to the motor controller: The Green LED will turn off.
- e. Try to operate the Awning by using the system or by using small jumpers from common to retract terminal. If the Awning does not move, repeat steps "a" to "e".



3. Programming the 98GC1149A to a Remote Motor, **GC74** or **GC1146C**

- a. Connect the Dry Contact Control Module (GC1149A) to 12 Volts DC (Fig.1)
- b. Turn on the power to the **Remote Motor, GC74 or GC1146C** a soft beep will be emitted by the RF receiver in the unit.
- c. Press the P2 button of the remote controller (Handset or wall switch) twice, (A beep will be emitted by the RF receiver with each press)
- d. Press the Retract button on the remote controller or the dry contact or by using a small jumper from Common to Retract, which will link the GC1149A to the Remote motor, the GC1146C or GC74.
- e. Try to operate the Awning by using the smart system or by using small jumpers from common to retract terminal. If the Awning does not move, repeat steps "a" to "e".

Note: If the motor turns in the opposite direction, repeat "a to e" but now use Extend instead of Retract.

For queries or assistance with programming any of your G-Link devices please call Girard Systems TOLL FREE on 800-382-8442 between 7:30am and 5:00pm P.S.T.