

12v ANEMOMETER

GC116I

INSTALLATION AND PROGRAMING GUIDE

REV.12302015



RV AWNING PRODUCTS

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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

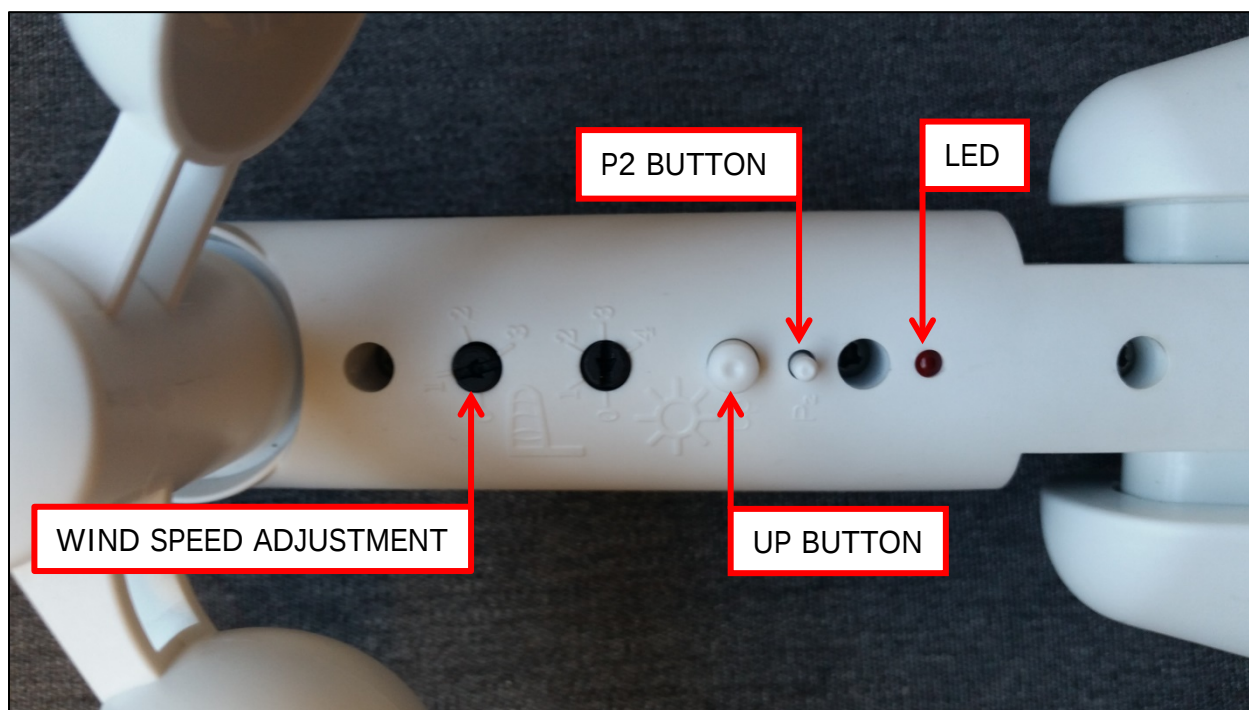
The G-Link motors and control modules provided by Girard Systems communicate by use of RF signals on a frequency of 433.92 MHZ. This eliminates the need for wiring and the drilling of holes in the vehicle. These components must be electronically matched, programmed or paired before use. This is usually 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 **GC116I** Anemometer is a 12v DC Remote module designed to operate in conjunction with all Girard Systems G-Link motor controllers. This device will send an All Channels Retract signal whenever the wind speed exceeds a pre-set value for longer than 3 seconds. This feature is intended to protect the awning from potential damage caused by strong or gusting winds and can be programmed to control up to 20 Receivers anywhere on the coach.

The **GC116I** offers three ranges of wind speed sensitivity;

- 0 to 1 Wind Speed between 0 and 10 mph
- 1 to 2 Wind Speed between 10 and 18 mph
- 2 to 3 Wind Speed between 18 and 30 mph



INSTALLATION

The Anemometer should be mounted securely in an unobstructed area on the roof of the vehicle or structure and connected to a 12v DC supply Red wire (+) White wire (-).

SET UP AND PROGRAMMING

The GC116I Anemometer must be programmed/matched/paired with whichever device controls the motor of the awning or awnings to be retracted in windy conditions. First ensure that there is power to the motor controller, and then fully extend the awning. If more than one awning is to be controlled by the anemometer then they must be programmed one at a time.

PAIRING WITH A GC136 OR GC154

Locate and ensure access to the program button of the motor controller. In this case a small screwdriver or toothpick will be required to press the program button.

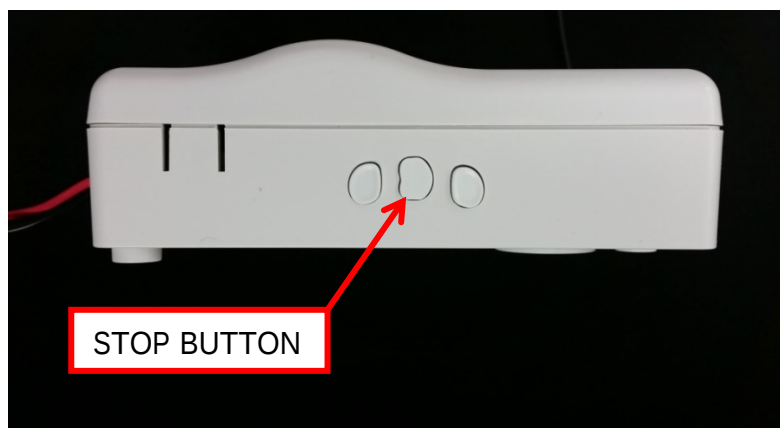
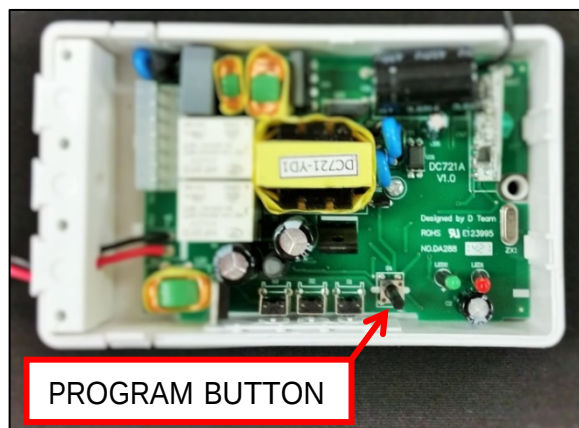


Note; when carrying out this part of the procedure each step must be executed within 10 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press the PROGRAM button on the motor controller (The green LED will start to blink)
- 4) Press the STOP button on the motor controller (The green LED will stop blinking and remain illuminated)
- 5) Press the up button on the Anemometer to retract the awning.

PAIRING WITH A GC274A

Locate and ensure access to the program button of the motor controller. In this case the lid of the 274A must be removed to gain access to the program button.

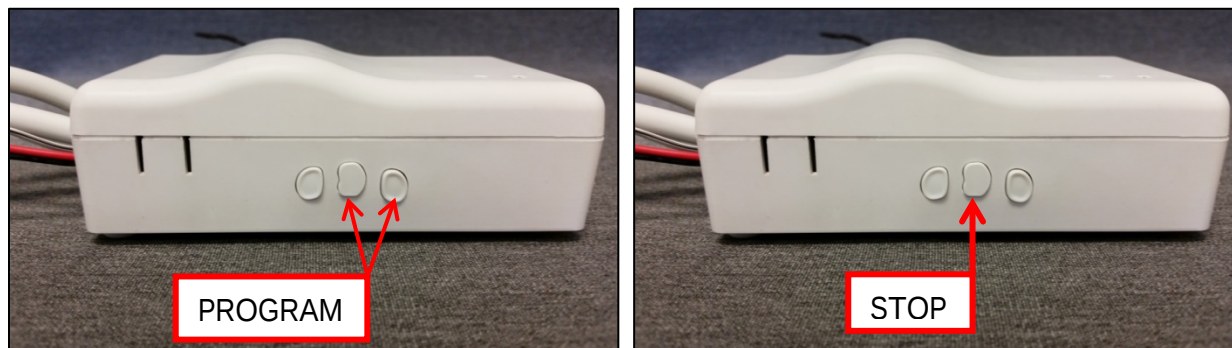


Note; when carrying out this part of the procedure each step must be executed within 10 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press the PROGRAM button on the motor controller (The green LED will start to blink)
- 4) Press the STOP button on the motor controller (The green LED will stop blinking and remain illuminated)
- 5) Press the up button on the Anemometer to retract the awning.

PAIRING WITH A GC274B

Locate and ensure access to the program button of the motor controller. In this case the middle and right buttons must be pressed and held until the Green LED begins to flash.



Note; when carrying out this part of the procedure each step must be executed within 10 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press and hold the middle and right buttons on the motor controller (The green LED will start to blink)
- 4) Press the STOP button on the motor controller (The green LED will stop blinking and remain illuminated)
- 5) Press the up button on the Anemometer to retract the awning.

PAIRING WITH A GC732G

Locate and ensure access to the program button of the motor controller. In this case the program button is easily accessed on the side of the box.

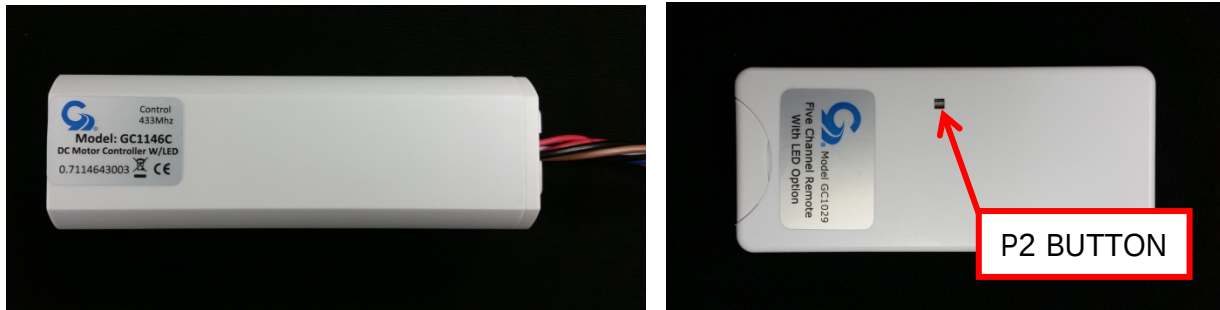


Note: when carrying out this part of the procedure each step must be executed within 10 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press the PROGRAM button on the motor controller (The red LED will start to blink)
- 4) Press the STOP button on the motor controller (The red LED will stop blinking and remain illuminated)
- 5) Press the up button on the Anemometer to retract the awning.

PAIRING WITH A GC1146C

Locate and ensure access to the P2 button for the motor controller. In this case the program button is found on the back of the primary handset and a toothpick or similar tool will be required to press it.

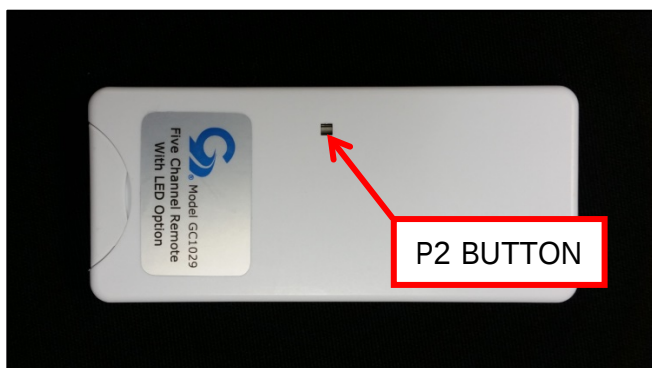
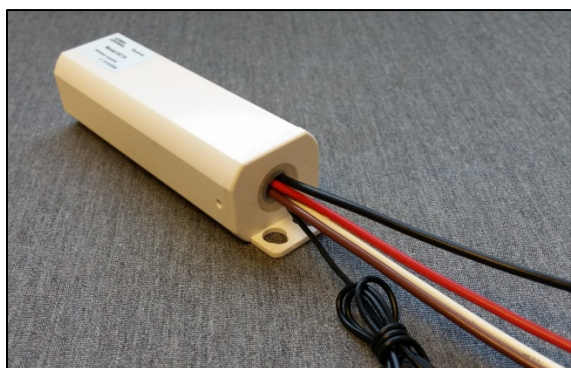


Note; when carrying out this part of the procedure each step must be executed within 6 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press the P2 button on the Primary handset TWICE (The Control unit will beep with each press)
- 4) Press the P2 button on the ANEMOMETER ONCE (The motor controller will beep several times to indicate that the program has been accepted)
- 5) Press the up button on the Anemometer to retract the awning.

PAIRING WITH A 98GC74

Locate and ensure access to the P2 button for the motor controller. In this case the program button is found on the back of the primary handset and a toothpick or similar tool will be required to press it.



Note; when carrying out this part of the procedure each step must be executed within 6 seconds of the previous one or the module will revert to factory settings. It is highly recommended that you read and understand the following sequence before attempting to execute it.

- 1) Set the wind speed adjustment dial to between 1 and 2.
- 2) Connect the Anemometer to a 12V DC Power source. (The Red LED will flash once when power is connected)
- 3) Press the P2 button on the back of the Primary remote TWICE (The Motor controller will beep with each press)
- 4) Press the P2 button on the Anemometer ONCE (The motor controller will beep several times to indicate that the program has been accepted)
- 5) Press the up button on the Anemometer or physically activate it by spinning the cups to retract the awning.

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 3:30pm P.S.T.



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