

SINGLE CHANNEL WALL SWITCH

98GC229

INSTALLATION AND PAIRING GUIDE

REV.12302015



RV AWNING PRODUCTS

1361 CALLE AVANZADO, SAN CLEMENTE, CA 92673 (800) 38/2-8442 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.



CONTENTS

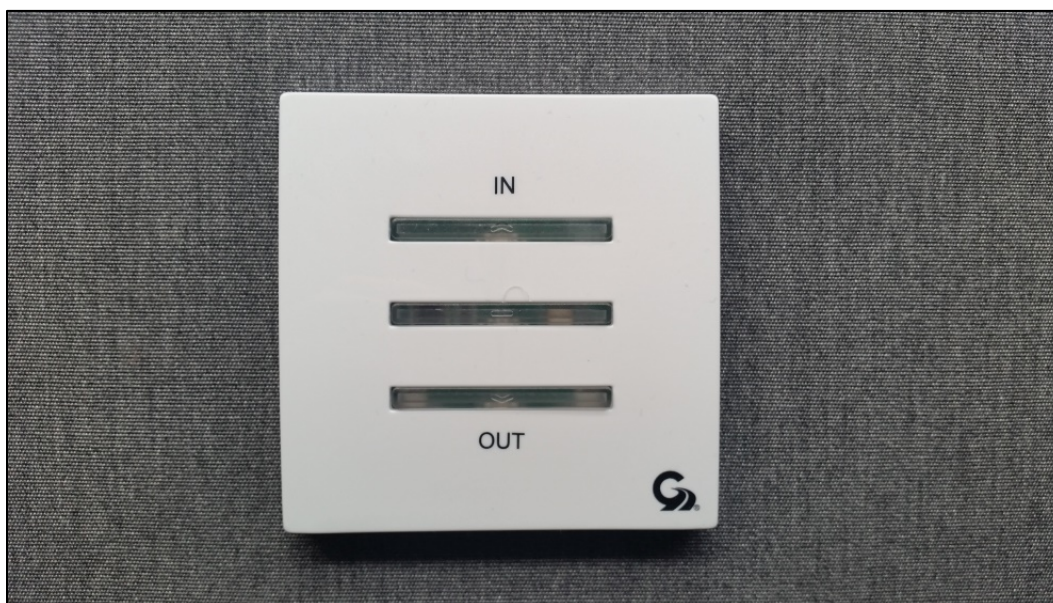
Product Description	4
Installation	5
Pairing	6
GC136 AC Motor Controller	6
GC274A / GC274B AC motor Controllers	7
98GC74 AC Motor Controller	8
GC732G DC Motor Controller	9
GC1146C DC Motor Controller	10

THE G-LINK SYSTEM

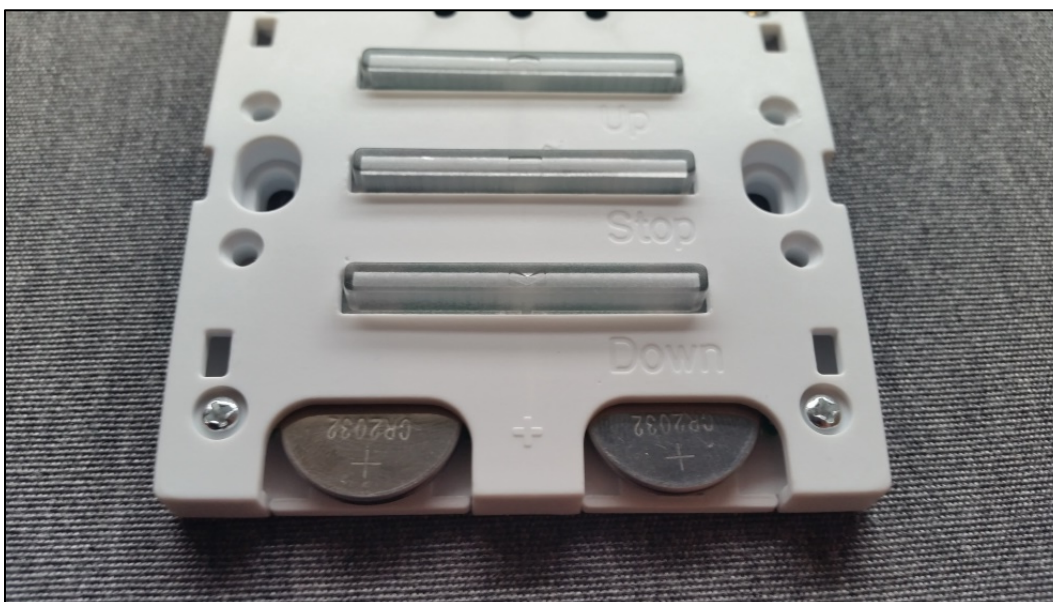
The G-Link motors and control modules provided by Girard Systems communicate by use of RF signals on a frequency of 433.92 MHZ. This eliminates the need for wiring and the drilling of holes in the vehicle. These components must be electronically matched, programmed or paired before use. This is usually 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

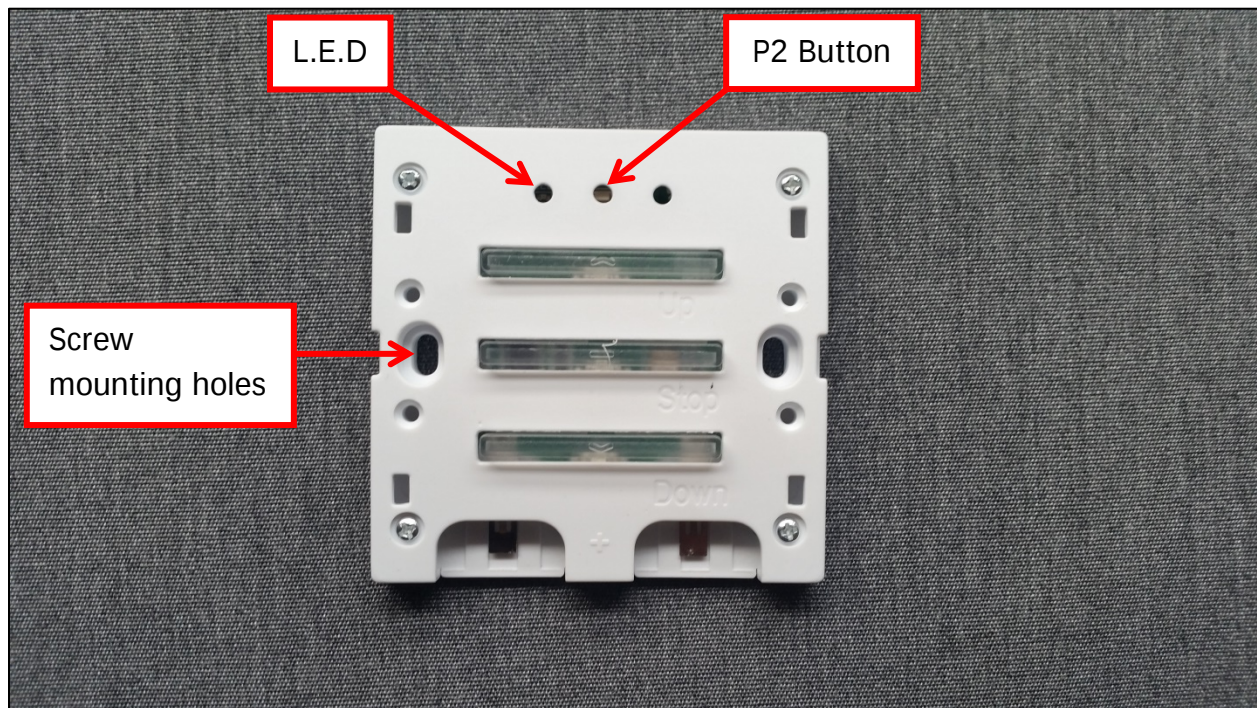
The 98GC229 is a Single channel RF transmitter, powered by two 3v Lithium batteries (CR2032) designed to control a single Awning by means of three push buttons. IN, STOP and OUT. As displayed in the picture below.



The faceplate can be removed easily by holding the module at the left and right edges firmly in one hand and push the STOP button with two fingers of your other hand. The picture below shows how the batteries must be inserted.



The module has three circular holes above the IN button. The hole on the right serves no purpose, behind the center one is the P2 button used for pairing the module with a motor controller and behind the hole on the left is a Red LED which will illuminate when any of the buttons are pressed.



INSTALLATION

The screw holes indicated in the picture above are the only ones to be used when mounting the module. Do NOT drill any other holes in this module as this will damage the circuit board and render the module useless. Screws are provided with the module for this purpose. The 98GC229 has an operating range of 100' but should be mounted with as few obstructions as possible between itself and the Motor Controller it is paired with.

PROGRAMMING

The following pages give instructions of how to pair the 98GC229 with various motor controllers. Ensure that you select the correct set of instructions for the motor controller on your vehicle.

GC136 AC Motor Controller



Fig.1



Fig.2

To pair the 98GC229 Wall switch with a GC136 Motor controller follow the steps below.

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) Ensure that there is power supplied to the Motor controller.
- 2) Using an appropriate tool press the Program button on the Motor controller. See Fig.1 (The Green LED will start blinking)
- 3) Press the STOP button on the Motor Controller. See Fig.2 (The Green LED will remain ON)
- 4) Press the IN button on the Wall switch. (The Green LED will extinguish)
- 5) Press the OUT, STOP and IN buttons on the wall switch to ensure that the Modules have been successfully paired.

GC274A / GC274B AC motor Controllers

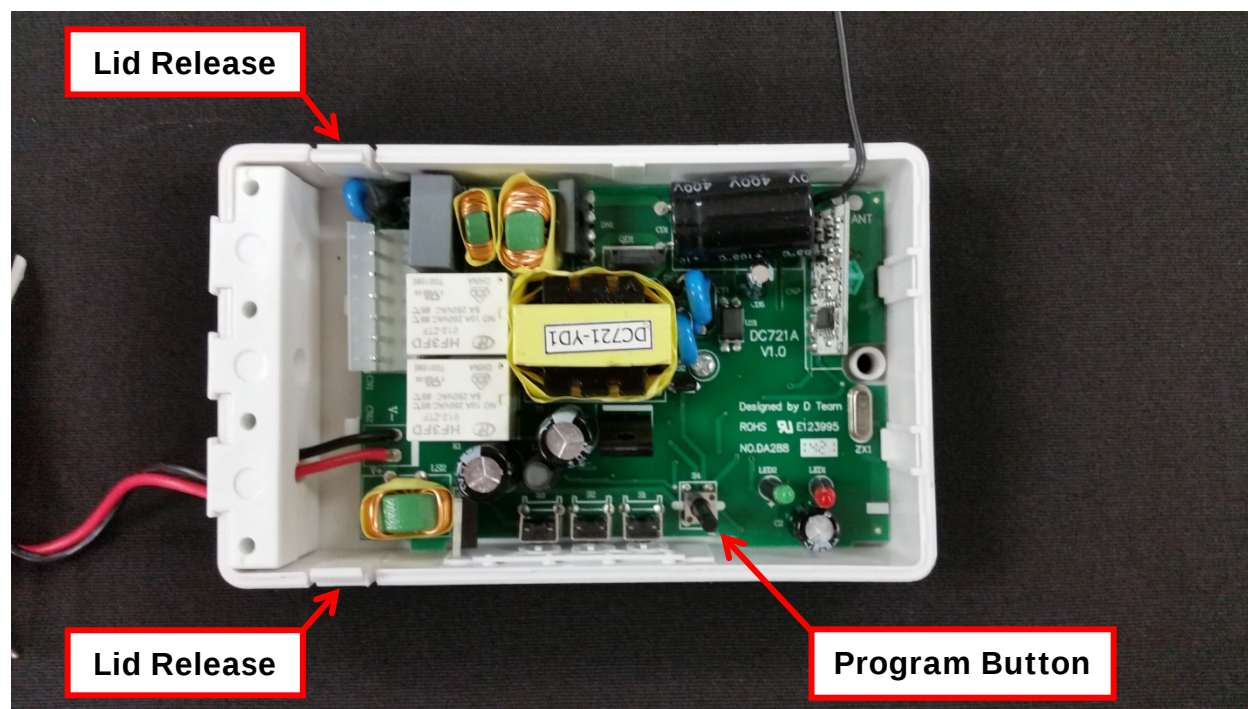


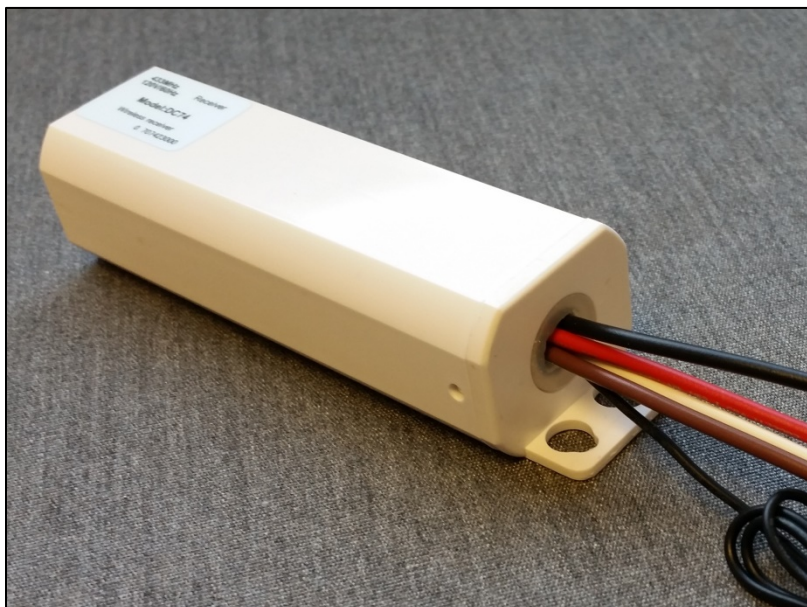
Fig.3

To pair the 98GC229 Wall Switch with a GC274A or GC274B first remove the lid of the motor control module by pressing on the Lid release catches as shown in Fig.3

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) Ensure that there is power supplied to the Motor controller.
- 2) Press the Program button on the Motor controller. (The Green LED will start blinking)
- 3) Press the STOP button on the Motor Controller. (The Green LED will remain ON)
- 4) Press the IN button on the Wall switch. (The Green LED will extinguish)
- 5) Press the OUT, STOP and IN buttons alternately on the wall switch to ensure that the Modules have been successfully paired.

98GC74 AC Motor Controller



When pairing with the 98GC74 it is advised that the awning to be controlled is manually extended couple of feet to enable the programmer to see if the awning is responding in the correct direction when the buttons on the wall switch are pressed.

The programming window for this module is only 6 seconds so please ensure that the programming instructions are read and understood before attempting to execute them.

- 1) Supply power to the motor control module. (It will beep ONCE)
- 2) Press the P2 button on the wall switch TWICE. (The motor controller will beep with each press)
- 3) Press the IN button on the wall switch. (The awning should retract)

If the awning extends at this point instead of retracting, press the STOP button immediately, then remove the power supply to the motor controller for at least 10 seconds.

Next repeat steps 1 and 2 above then press the OUT button on the wall switch to complete the programming procedure.

Ensure that the awning responds correctly to the wall switch by pressing the OUT, STOP and IN buttons alternately.

GC732G DC Motor Controller

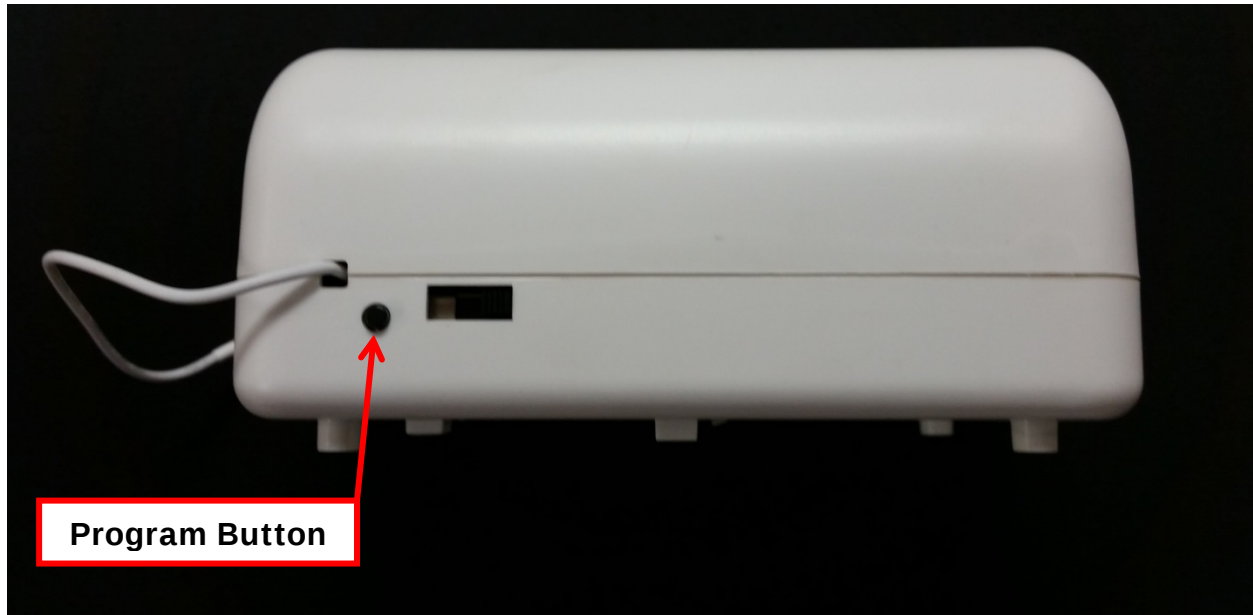


Fig.4

To pair the 98GC229 Wall switch with a GC732G Motor controller follow the steps below.

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.

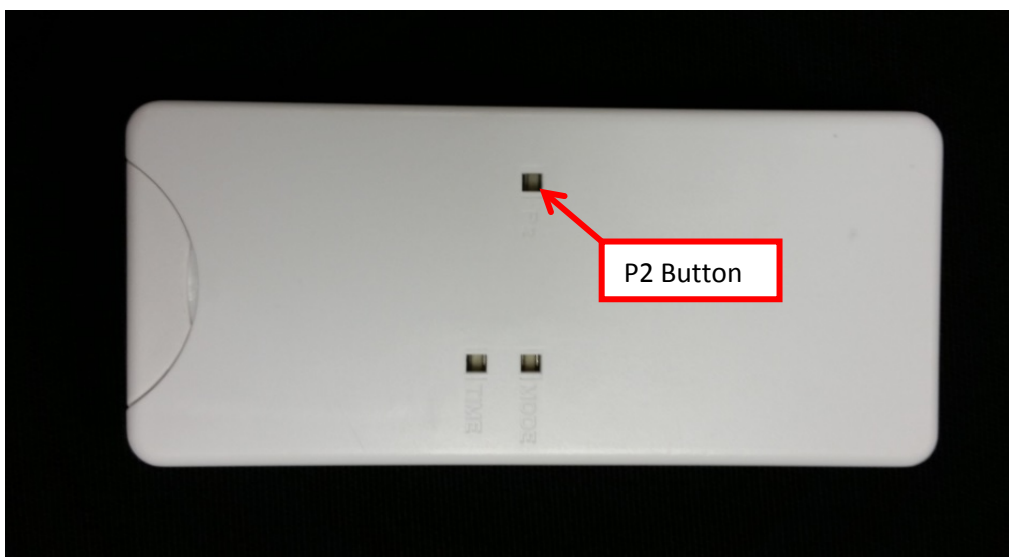
- 1) Ensure that there is power supplied to the Motor controller.
- 2) Press the Program button on the Motor controller. (The Red LED will start blinking)
- 3) Press the STOP button on the Motor Controller. (The Red LED will remain ON)
- 4) Press the IN button on the Wall switch. (The Red LED will extinguish)
- 5) Press the OUT, STOP and IN buttons alternately on the wall switch to ensure that the Modules have been successfully paired.

GC1146C DC Motor Controller



To pair the 98GC229 Wall switch with a GC1146C Motor controller follow the steps below.

- Identify the Remote handset which operates the DC Motor controller for the awning that the wall switch is to operate. This is likely to be either a 98GC1063 Single channel, or a 98GC1029 Multi channel handset.
- Fully extend the awning to ensure smooth operation, and then retract the awning leaving it partially open (about 3 feet).
- Locate the P2 Button on the back of the handset.





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) Supply power to the Motor controller. (The GC1146C will emit a soft beep)
- 2) Using an appropriate tool press the P2 button on the back of the Handset TWICE. (The GC1146C will Beep with each press)
- 3) Press the P2 button on the wall switch ONCE (The GC1146C will beep again)
- 4) Press the IN button on the wall switch and verify that the awning moves in the desired direction.

If the awning extends at this point instead of retracting, press the STOP button immediately, then remove the power supply to the motor controller for at least 10 seconds.

Next repeat steps 1, 2 and 3 above then press the OUT button on the wall switch to complete the programming procedure.

Ensure that the awning responds correctly to the wall switch by pressing the OUT, STOP and IN buttons alternately.

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.



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.