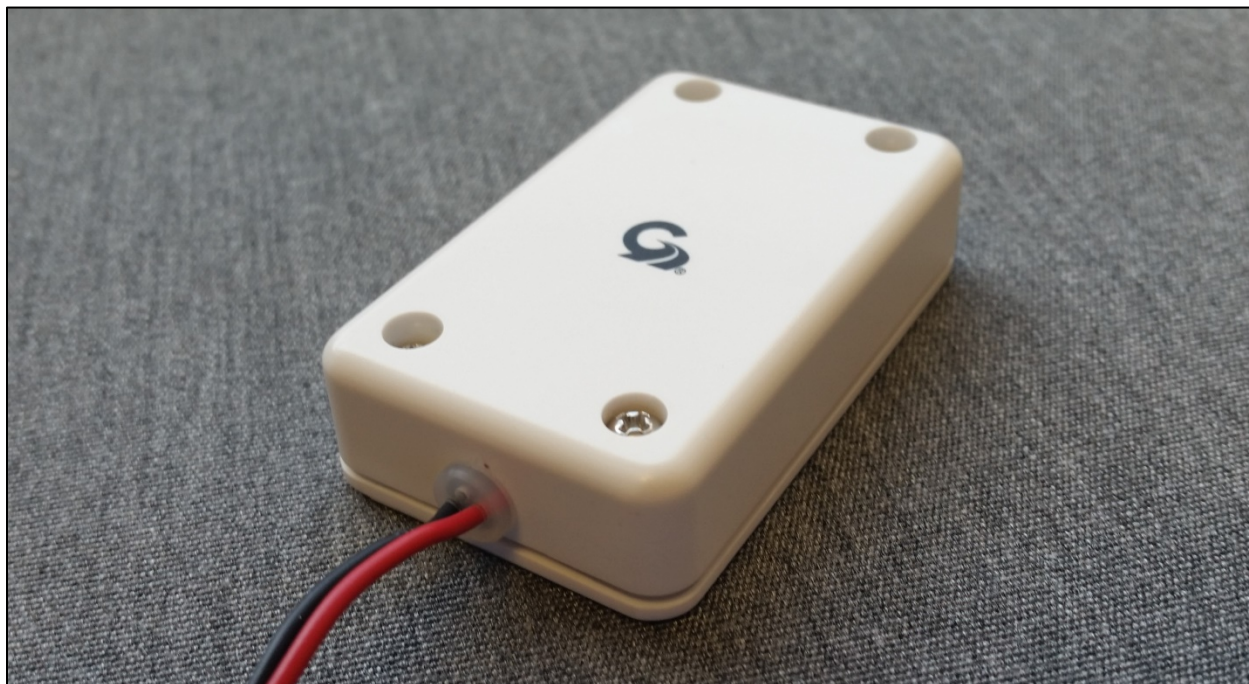


12v DC IGNITION RETRACT MODULE

GC946G

INSTALATION GUIDE
REV.12312015



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 GC946G Remote Retract Module is a control unit designed to send a “Retract All” signal to the awnings installed on the vehicle. It is normally mounted under the dashboard on a switched 12v DC circuit. Typically the ignition or parking brake circuit, so that when the circuit is made the GC946G will cause all of the awnings that have been programmed to retract.

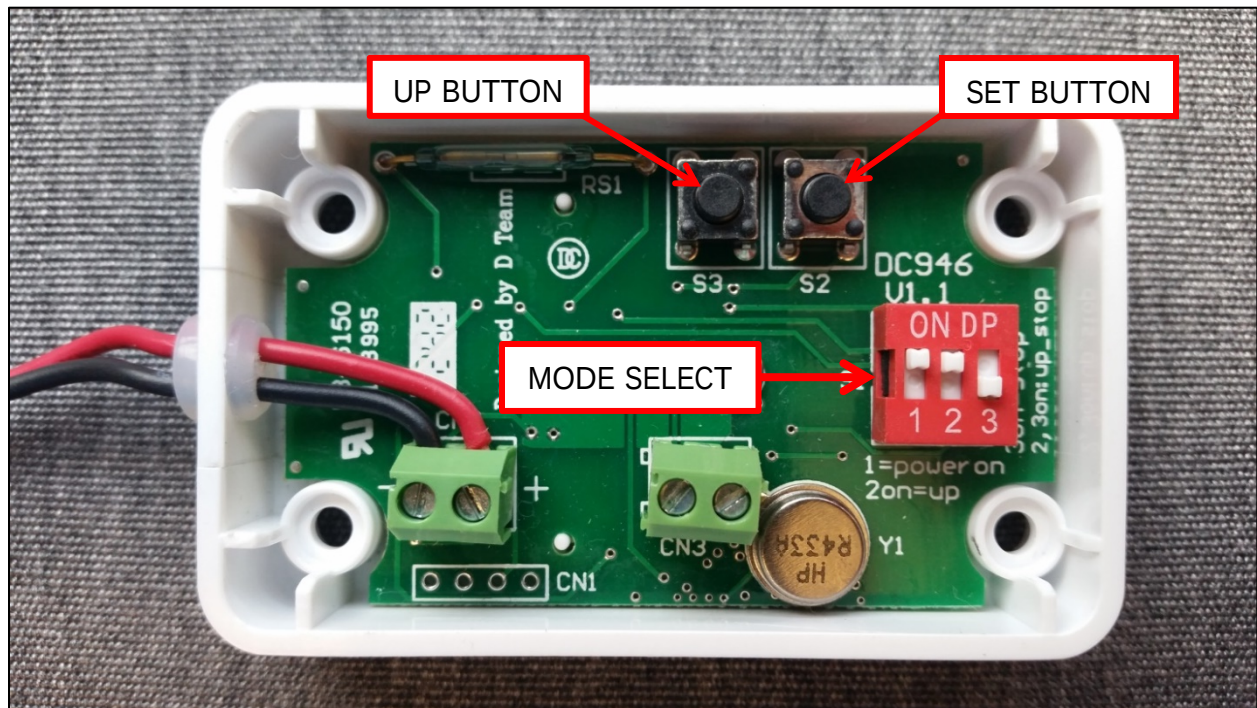


Fig. 1

The three Dip Switches of the **GC 946G** (Fig.1) determine its mode of operation. Fig.2 Shows the Dip Switches set as 1-ON / 2-ON / 3-OFF (The white square shows the position of the switch!). The function of switch 1 is to supply power to the transmitter and this is shipped in the “off” position to preserve the battery state. Power will be applied after installation at the Programming stage.

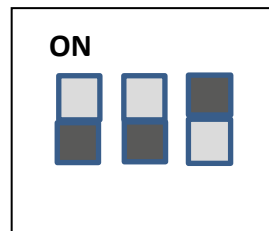


Fig. 2



PROGRAMMING PROCEDURE

NOTE:

- Before starting this procedure the Receiver (motor controller) 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.

PROGRAMMING THE GC946G TO MOTOR CONTROLLERS; GC136/GC154/GC274A/GC274B/GC732G

1. Remove the 4 Philips screws securing the cover of the module.(Fig.1)
2. Remove the top cover and configure the DIP switches as shown in Fig.2 above.
3. Supply power to the **Motor Controller** and the **GC946G**(Leave them on if already on)
4. Press the **PROGRAM** button on the **Motor Controller** (the Green LED will start blinking (Red on the GC732G))
5. Press the **STOP** button on the **Motor Controller** (The LED will remain illuminated)
6. Press the **UP** button on the **GC946G** (The LED will flash and extinguish)
7. Extend awning using a Remote Control and then press the **UP** button on the **GC946G** to verify that the unit is working properly (the awning should Retract).



TO PROGRAM GC946G TO MOTOR CONTROLLERS; 98GC74/GC1146C

1. First program a Remote Control to the **Motor Controller** (See Remote Control programming instructions in the Motor controller manual).
2. Remove the 4 Philips screws securing the cover of the module.(Fig.1)
3. Remove the top cover and configure the DIP switches as shown in Fig.2 above.
4. Supply power to the **Motor Controller** (you will hear a faint beep from the RF receiver).
5. Connect the **GC946G** to a 12v DC supply.
6. Press the **P2** Button on the **remote controller** TWICE.
7. Press the **SET** button on the **GC946G** ONCE (A beep will be emitted by the RF receiver).
8. Fully extend the awning using the remote handset or switch and then press the **UP** button on the **GC946G** to verify that the unit is working properly (the awning should 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 3:30pm P.S.T.



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