

GAMA ELECTRONICS

WWW.GAMAINC.COM

87701

Instruction Manual

The Dual Motor Control Assembly provides polarity reversing control of two 12VDC motors typically used for Landing Gear Systems in recreational Vehicles for leveling. The system operates from a 12V deep cycle battery. Wire Leads provide input/output connections to the system. There are 3-switches that control the output of the system, one switch simultaneously operates both outputs to extend and retract the motors. There is an individual switch to control each output motor. Two polarity reversing outputs are labeled as Driver Leg and Passenger Leg. The switches are relays provide dynamic breaking to immediately stop the output travel of the motors.



Maximum Ratings: Input power for the assembly can be in the range of 10VDC to 15VDC. The relay contacts are rated at 30A @ 12VDC.

Installation: Refer to the diagram below to install and mount the assembly to a flush wall surface. The input/output wiring consists of #10-AWG wire, each 2 ft. in length. Each wire lead is labeled as follows:

- L1: POSITIVE DRIVER MOTOR
- L2: NEGATIVE DRIVER MOTOR
- L3: BATTERY GROUND
- L4: +12VDC BATTERY
- L5: POSITIVE PASSENGER MOTOR
- L6: NEGATIVE PASSENGER MOTOR

Operation: The DRIVER and PASSENGER Switch should be used to initially extend both motors to the ground. The individual switches should be used alternately to level the RV. The DRIVER and PASSENGER Switch should be activated to retract both motors, then use the individual switches to fully retract each motor.

