

1.) Hook it up

- a) Mount the RQ unit as shown in *RQ60AUMHG Specifications*.
- b) Connect motor wiring as described in *RQ60AUMHG Specifications*.
- c) Set motor physical limits.
- d) Connect communication and control:
 - 1) For Manual Switch control, hook up Wall Switch or Dry Contacts at the UP, DOWN, and COMMON locations described in *RQ60AUMHG Specifications*.
 - 2) For systems of multiple RQ units, or to connect to an RQ Bridge, use 6-wire phone cable to connect Red RJ-14 modular connectors to create the RQ and the legacy RP Bus. Both RJ-14 connectors are wired the same so connect to either one. Refer to *RQ60AUMHG Technical Note 1* for information on the RP Bus limitations in large networks.
 - 3) For RS-232 interface of Controller/PC to RQ Bus, refer to the *RQ Bridge Quick Setup* document.
 - 4) For networks with legacy RP Devices, arrange the RQ Bus and RQ Bridge first. Then, attach RP devices forming an RP Bus at one end of the RQ Bus to prevent disrupting the RQ Bus. Refer to *RQ Technical Note 1* for information on the RP Bus limitations in large RQ networks.
- e) Connect AC power wiring as described in *RQ60AUMHG Specifications*.

2.) Turn it on

- a) Apply appropriate AC power.
- b) Observe the Program Mode LED for initialization (blinks Green once).

3.) Verify Basic Operations and Calibrate

- a) Using the connected control device, verify OPEN/CLOSE or EXTEND/RETRACT. If direction is incorrect, reverse Dir1 and Dir2 wiring (see *RQ60AUMHG Specifications*) or use Reverse Motor Direction command (see *RQ60AUMHG Command Summary*). For IR and RF control interfaces, see *RQ60AUMHG Programming Summary* for control and programming codes that utilize the RP Bus.
- b) Refer to *RQ60AUMHG Command Summary* and *RQ60AUMHG Programming Summary* for Calibration sequence (required for Intermediate Positions).

4.) Program The RQ60AUMHG

- a) Refer to *RQ60AUMHG Command Summary* and *RQ60AUMHG Application Notes* for Factory Default programming already loaded into the motor control unit.
- b) Programming modifications can be accomplished using the button presses on a handheld RF/IR Transmitter available from ESI. Additionally, an RS-232 serial interface with a Controller/PC connected to an RQ Bridge can be used with a terminal emulator program to facilitate programming (see *RQ60AUMHG Command Summary*).
- c) RQ60AUMHG reset information is included in the *RQ60AUMHG Command Summary* and *RQ60AUMHG Programming Summary*.