



SL-1000 SLIDE GATE OPERATOR

QUICK INSTALLATION GUIDE

READ ALL SAFETY PRECAUTIONS IN THE OWNER'S MANUAL BEFORE PROCEEDING.

GATE GUIDELINES: Ensure Gate is built and installed properly and moves freely throughout the entire range of motion.

CHOOSE OPERATOR MOUNTING LOCATION: Select the best mounting location for the operator (front or rear gate support post or auxiliary mounting post located next to gate) based on surroundings, aesthetics, and best location for control box

CHOOSE CONTROL BOX MOUNTING LOCATION: Select the best mounting location for the control box (pedestal, column, wall, etc.) and location relative to the operator. Remove the 4 nuts holding the panel in the control box. Attach the control box to the mount by screwing or bolting through the back of the box. Route conduits and wires into bottom bottom of box. Remember that the batteries go in the bottom of the box and install the conduits appropriately.

INSTALL RACK GEAR ON GATE: Mount the proper amount of rack gear to the support angle or channel on the gate. Allow 1 foot of extra rack gear beyond the operator location in the open and closed positions.

MOUNT OPERATOR ON POST: Measure from the center of the rack gear on the gate up 22 3/16" on the operator mounting post and make a mark. Align the top of the longer plate of the operator (mounting plate) with the mark and clamp in place. Drill and tap 3/8-16 holes in post through holes in mounting plate and bolt the mounting plate to post using 3/8 bolts and washers supplied.

CHOOSE MOUNTING LOCATION FOR LIMIT SWITCHES: Attach the limit switch brackets to a convenient location (back of control box pedestal, gate support post, etc.) Ensure that the location will allow the magnet brackets to be attached to a suitable point on the gate where the magnets will line up with the switches with the gate in the open and closed positions.

INSTALL CONTROL PANEL IN BOX: Reinstall the panel in the control box.

CONNECT MOTOR AND LIMIT SWITCH WIRES TO APEX CONTROL.

CONNECT ANY ACCESSORIES: Loop wires, telephone entry, keypad, external pushbuttons, etc.

ROUGH SET LIMIT MAGNETS: Set the magnet brackets on the gate in the approximate positions required for the gate to reach the open and close positions.

POWER UP THE APEX CONTROL AND TEST RUN THE OPERATOR TO CHECK FOR CORRECT MOTOR ROTATION: If the motor turns the wrong way, reverse the motor leads.

TEST RUN THE OPERATOR AND FINE TUNE THE LIMIT MAGNETS . CYCLE THE GATE 3-4 TIMES TO SET THE SOFT START / STOP FEATURE.

CHECK AND ADJUST THE OPEN AND REVERSE CURRENT SENSING SETTINGS: Remember, if the soft start / stop (SS) setting is changes, you must also reset the OPEN (OC) and CLOSE (CC) current sensing settings

INSTALL WARNING SIGNS AND TURN OVER: Install the 2 GATE WARNING SIGNS in a prominent position on the gate. Instruct the owner or owner's representative on the proper operation of the gate system, including safety hazards and how to disengage the operator from the gate in the event of malfunction.