

SHORT INSTALLATION AND PROGRAMMING INSTRUCTIONS FOR MC & MCS CONTROL BOX

WITH MECHANICAL GATE, MOTOR DRIVE STOPS (2 wires to each motor).

After initial mechanical installation of motor drive unit and the adjustment of the mechanical limits and/or gate stops (this should be done using the manual release), connect motor wires up (M1 single or M1 & M2 double gate). These should be heavy duty figure 8, minimum 1.5mm sq. The motor wires can be connected either way (the motor direction is set by the controller).

The following procedure is for Controllers that have been supplied with Factory Default settings.

Set the gate (or gates) to mid travel and re-engage the gate with the manual release.

Power the controller up, watch the display and wait 3 seconds.

Display will indicate: 24v Supply Detected / Configured for 24v Operation and then the display will indicate: Travel Limits Not Set / Press Master Control for 2 Seconds.

Step 1. Press Master Control (gently) for 2 seconds.

Display will indicate: 13.0 (or 11 for MCS, this is the Menu Number) i Learn Mode / Press Master to Learn / Turn Master to Scroll

Step 2. Press Master Control (momentarily).

Display will indicate: Double / Single / Exit and Turn Master to Scroll.

Step 3. Scroll (gently) to your option (Double or Single Gate for MC Controller) then press Master Control to select your option.

Display will indicate: Are Limit Switches Used? / Yes or No

Step 4. Scroll to No then press Master Control to select that option.

Display will indicate: Is Gate open half way?

Step 5. Scroll to Yes (you have already moved the gate/s to the middle position) then press Master Control to select that option. The gate/s will be powered for 2 seconds and then the Display will indicate: Watch Gate / Did Motor 1 Open? (for double gates display will ask Did Motor 2 open? as well)

Step 6. Scroll to choose either Yes or No then press Master Control to select that option.

Display will now indicate: i Learn Mode and the display will update you on the progress of the learning sequence.

Gate will begin to Open and Close as the Controller automatically presets the motor run time, limit setting, slow down periods and motor current that the system requires. This sequence cycles the gate in both directions several times.

After i Learn sequence is complete a beep will sound and the display will indicate: Programming was successful.

ALL DONE !! Remember at any time you can start again by going back to the i Learn program.

To alter or modify any of the Controller parameters simply Press the Master Control for 2 seconds to enter the Menu Mode. You can then Scroll through and choose the Menu number you require. These are listed in the instruction booklet. ie. Motor Speed & Slow Down is Menu Position 11.0, Auto Close settings are in Menu 1.0 etc.

