This Quick Start is intended to highlight the features and functions of the Mega Arm Gate Operator. Refer to the installation manual for complete information regarding installation and programming.

**INTRODUCTION**

The operator functions can be customized by changing various DIP switches, and wiring auxiliary devices to the control board on the J5 terminal strip.

**DEFAULT SETTINGS ARE AS FOLLOWS:**
- Timer-to-Close is activated and set to four seconds.
- Radio receiver is wired to open only.
- The barrier arm is set to right-hand gate operation. 

**NOTE:** Right-hand or left-hand operation is determined by facing the control board with the barrier arm in the CLOSED position. If the barrier arm is to the right, it is set for right-hand gate operation.
- Motor speed is set to approximately 2.5 seconds of fast run time.
- Fail Safe is set for Auto Open after batteries drop below 50%.

**OVERVIEW**

The S1 and S2 DIP switches work together with devices wired into the J5 terminal strip. The DIP switch settings can be set to control various features such as K1 Relay (optional), Timer-to-Close, Single Button Function, and Fail Safe (Auto Open on AC Power Failure).

**NOTE:** The S3 DIP switch should be set to CLOSE for normal operation.

The J5 terminal strip is used for controlling the barrier arm with various accessories such as Receivers, Loop Detectors, Access Controls, and Push Button Stations.

The J4 Motor Wiring is controlled by DIP switch S1-7. The gate operator default setting for DIP switch S1-7 is in the OFF position, and set for right-hand gate operation.

The K1 Relay (optional) and terminal strip (J1) are used for auxiliary devices such as Counters, Alarms, Buzzers, and SAMS (Sequence Access Management System).
The J4 Motor Wiring is controlled by DIP switch S1-7. The Handing of the Barrier Arm may be changed from right-hand to left-hand operation by reversing the factory default motor connections.

The Full Speed Run Timer (Full Speed Run Timer) is when the gate operator activates, it ramps up and slows down for a fixed amount of time, but will run at full speed for variable amounts of time depending upon the settings of the S1-1 to S1-4 DIP switches.

Right-hand or left-hand operation is with DIP Switch S1-1 to S1-4.

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When DIP switches S1-1 to S1-4 are set in the OFF position, the full speed run time is 1-1/2 seconds. The longer the operator runs at full speed, the less ramp up and slow down time. When adjusting, make sure the Full Speed Run Timer settings DO NOT over-run the slow down time.

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