

Pin Assignment for Provided Cables (Rev. 3 PCB)

The following tables represent the Standard Grade Crossing Gate configuration.

Input cable (connect to J3)

Pin	Use
1	GND
2	Start Sensor 1 (Servo 1 input 1 in other operating modes)
3	GND
4	Hold Sensor 1 (Servo 1 Input 2 in other operating modes)
5	+5V
6	GND
7	Hold Sensor 2 (Servo 2 Input 1 in other operating modes)
8	GND
9	Start Sensor 2 (Servo 2 Input 2 in other operating modes)
10	+5V

Output cable (connect to J4)

Pin	Use
1	GND
2	Lamp common (pos)
3	No Connection
4	+5V
5	Vin (DC)
6	Vin (DC)
7	Lamp1 (neg)
8	+5V
9	Lamp 2 (neg)
10	+5V

The input cable is a ten wire flat ribbon cable which is about ten feet long and has a connector on one end. The other end has four detectors attached. Wire one is identified with a red trace.

The output cable is a ten wire flat ribbon cable of about two feet long and has a connector on one end. The other end has none.