

Premier 903 Control - Connection Matrix							903 dipswitches set (1 down, 2 up, 3 up, 4 down) unless otherwise specified in installation notes.
If you do not see your model operator listed below, contact Optex technical support at (800)877-6656.							
904 PURPLE WIRES - Connect to N/O and Com of safety beams (see exceptions listed in Installation Notes).							
Manufacturer	YELLOW	BLUE	BLACK	RED	BROWN	ORANGE	Installation Notes
<b>Besam</b>							
300/400	Pins 12 & 13	Pins 11 & 12	Motor Negative(-), see notes	Motor positive (+), see notes	Pin 7	Pin 8	LH Operator Black Motor wire +, RH Operator White wire +, verify jumpers from Pins 15 to 16 & 17 to 18.
MP / CUP	TB2, pins 3 & 4	TB2, pins 4 & 9	TB2, pin 14	TB2, pin 19	TB2, Pin 17	TB2, Pin 18	Use PMD to program F12= 3 deg. less than F10, F13=a, F14=a, F16=05, F17=00, F18=00, F19=b, F20=a. Set 903 dipswitch 4 to "reverse"(up).
<b>Doromatic</b>							
Astroswing,	Yellow & Gray wires	Blue & Gray wires	Black Motor wire(-) from control.	Red Motor wire(+) from control.	12/24 vac xfmr	12/24 vac xfmr	Set Function select on control box to Carpet mode (Normally "B").
<b>Gyro tech</b>							
300/400	Black & Red wires	White & Red wires	Activate relay Pin B or Red Mtr wire (-)	Activate relay Pin A or Black Mtr wire (+)	12/24 vac xfmr	12/24 vac xfmr	Verify minimum open time delay 1.5 seconds prior to connecting Premier. Set slide switch to safety Standard
<b>Horton</b>							
4160 Control	Black & White wire	Green & White wires	Black Motor wire (-) from control.	Red Motor wire (+) from control.	Power Supply 24 VAC, CN3	Power Supply 24 VAC, CN3	
4190 Control	CN2 Pins 2 & 3	CN2 Pins 4 & 3	Black Motor wire (-) from control.	Red Motor wire (+) from control.	CN3 or Pin 7- CN2	CN3 or Pin 6- CN2	LOUT pot on 4190 must be full Counter clockwise
4190 (REV. J)	CN2 Pins 2 & 3	CN2 Pins 4 & 3	Black Motor wire (-) from control.	Red Motor wire (+) from control.	P.S. 24 VAC- CN3 or Pin 7- CN2	P.S. 24 VAC- CN3 or Pin 6- CN2	Connect Safety beam output to 4190 CN2 pins 6 & 9. Set 903 dipswitch 3 to auto(down), Adj. 4190 LOU for proper lockout time.
<b>Keane Monroe</b>							
2000, B Control	Red & Green wires	White & Green wires	Other Motor wire	Either Motor wire	12/24 vac xfmr	12/24 vac xfmr	Set 903 dipswitch 3 to "Auto"(down).
K-Control	White & Green	White & Red	Black Motor wire	Red Motor wire	12/24 vac xfmr	12/24 vac xfmr	
<b>Stanley</b>							
L shape Control	Yellow & Orange wires	Yellow & Red wires	White Motor wire (-)	Black Motor wire(+)	12/24 vac xfmr	12/24 vac xfmr	May need to move red wire on Stanley six pin connector in line with yellow and orange wires.
MP Control (HDLE)	TB1, Pins 1 & 3	TB1, Pins 7 & 8	Motor - , see notes	Motor + , see notes	TB1, Pin 4	TB1, Pin 5	Magicswing Operator Black motor wire is positive(+). Magicforce RH operator Black wire is positive (+), LH White wire is positive(+). On Stanley Dipswitch S-2 set switches 1 and 3 "ON".
MC-521 Control	TB4, Pins 3 & 4	TB4, Pins 7 & 8	Motor - , see notes	Motor + , see notes	TB4, Pin 5	TB4, Pin 6	See above note for motor polarity. Safety beam N.O.& COM go to TB5 pins 7 & 8. 903 control dipswitch 3 set to AUTO (down).
<b>Tormax</b>							
TDA	Module C Pins 1 & 2	Module C Pins 8 & 9	Module C Pin 1	Module 1, Relay A, E14	Module C Pin 10	Module C Pin 8	
TTX2,Smart Drive	Pins 4 & 5	Pins 18 & 19 (N/C)	Pin 11	Pin 12	Pin 20	Pin 17	Connections shown for single. On pairs DPDT relays necessary for Activation and safety. Call Tech support for details.