

Elite 904 Control - Connection Matrix Verify proper operation of door equipment before installing Elite system In Knowing Act (904 switch 3 up) push-n-go MUST be disabled on door equipment				OC-904 Dipswitch Settings				Note:	
				1 thru 4 OFF(down) See exceptions in Install Notes For Knowing act set dipswitch 3 up.				Purple wires connect to Knowing Act devices only. <b>DO NOT</b> connect purple wires to door control	
OC-904 WIRE COLORS									
Manufacturer	GREEN Stall	YELLOW Activate	BLUE Safety	BLACK Motor negative (-)	RED Motor positive (+)	BROWN Power	ORANGE Power	PURPLE See Note Above	
Besam								N.O. & Com of Knowing act Device (See Note Above)	
INSTALL NOTES:									
300/400	Single - Pins 15&16 (see notes) Dual- 15&16 and 17&18	Pins 13 & 14	Pins 11 & 12	Motor Negative(-), see notes	Motor positive (+), see notes	Pin 7	Pin 8	LH Operator Black Motor wire +, RH Operator White wire +. Set 904 dipswitch 2 to N.C. (up). On single swings place a jumper from pin 17 to 18.	
MP / CUP V6.4 OHC only, NO surface applied	TB2, Pins 11 & 5	TB2, pins 3 & 4	TB2, pins 11 & 9	TB2, pin 13	TB2, pin 19	TB2, Pin 17	TB2, Pin 18	CUP software must be V 6.4 . Set F11= 3 deg., F13=a, F14=a, F16=00, F17=00, F18=00, F19=b, F20=b. Use sync lines on pairs including 10 to 12 and 12 to 10.	
900	TB1, Pins 3 & 7	TB1, Pins 1 & 3	TB1, Pins 2 & 3	TB1, Pin 8	TB1, Pin 10	TB2, Pin 2	TB2, Pin 1	On pairs add sync lines from TB1 pins 1,2,3 & 7	
<b>Dorma</b>									
EDA	Safety Side & GND	Trigger & GND.	Presensce & GND	GND	Latch	Any +24 V	Any GND	On pairs install sync wire from TRIG to TRIG	
ED-400	SWING & GND	TRIG & GND.	Presensce & GND	Any GND	DATA	Any +24 V	Any GND	On pairs install sync wire from TRIG to TRIG.	
<b>Doromatic</b>									
Astroswing, <b>Gyro tech</b>	Purple & Gray wires	Yellow & Gray wires	Blue & Gray wires	Black Motor wire(-) from control.	Red Motor wire(+) from control.	12/24 vac xfmr		Set Function selector switch on DOM control box to Super Nova Slow or Super Nova Stop.	
300/400	White & Red wires	Black & Red wires	White & Red wires	Red MTR wire or Activate relay Pin B	Black MTR wire or Activate relay Pin A	may be orange or blue	Red Wire	Set door control slide switch to Swing Safe.	
Magnum Control <b>Horton</b>	Violet(3) and Red(5) wires	Black(6) and Red(5) wires	White(4) and Red(5) wires	J-5 Pin 1 Red wire	J-5 Pin 2 Black wire	Brown(1) wire	Orange(2) wire		
4160 Control	Aux. board, Bottom & Top Pins	Black & White wire	Green & White wires	Black Motor wire (-) from control.	Red Motor wire (+) from control.	Power Supply auxiliary 24 VAC, CN3			
4190 Control Including Rev J	CN2 Pins 10 & 8	CN2 Pins 2 & 3	CN2 Pins 4 & 3	Black Motor wire (-) (see notes)	Red Motor wire (+) (see notes)	Power Supply auxiliary 24 VAC, CN3		Alternate connection for 904 Red & Black is Red to CN2 pin 7, Black to CN2 pin 12	
<b>Hunter</b>									
FA-8	Old FA Saf 2 & Rtn New FA Saf2 & Gnd	Old FA Act & Rtn New FA Act & Gnd	Old FA Saf 1 & Rtn New FA Saf1 & Gnd	Motor - , see notes	Motor + ,see notes	24 V Out	Gnd	LH operator Blue wire +, RH operator Red wire+. Optional connection is red wire to sensor + and black wire to sensor - at New FA control.	
<b>Keane Monroe</b>									
K-Control	Yellow & White	Green & White	Red & White	Black Motor wire	Red Motor wire	J-6 Blue wires			
8000	Pins 10 & 11	Pins 1 & 2	Pins 4 & 8	Pin 6 (see notes)	Pin 9 (see notes)	Pin 4	Pin 3	Set 904 control dipswitch 2 N.C. (up), program 8000 AUX1 OUT to 1-BEA Bodyguard	
<b>Stanley</b>									
Tan L Shape Cont.	Yellow wire and stall safety input *** (See Notes) ***	Yellow & Orange wires	Yellow wire and mat safety input *** (See Notes) ***	White Motor wire (-)	Black Motor wire(+)	12/24 vac xfmr		On six pin Molex connector, mat safety input is the pin in line with the yellow and orange wires. Stall input pin is directly to the side and next to mat safety input. Select Timer logic on control	
MP (HDLE) Control	TB1, Pins 7 & 8	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 operator White wire is positive(+). On Stanley control set S 2 switches 1 and 3 "Off".	
521 Control	TB3, Pins 3 & 4	TB4, Pins 3 & 4	TB4, Pins 7 & 8	TB1 Pin 10, or motor - , see notes	TB1 Pin 8, or motor +, see notes	TB4, Pin 5	TB4, Pin 6	When using TB1 for Red & Black wires a 300 ohm 5 watt resistor must be installed from TB1 pin 1 to pin 8. For motor wire polarity see note above. When programming 521 control, set Safety Logic to Sensor.	
<b>Tormax</b>									
TDA	Module C Pins 8 & 7	Module C Pins 1&2	Module C Pins 8 & 9	Module C Pin 1	Module1,Relay A,E14	Module C Pin 10	Module C Pin 8	On simultaneous pairs or double egress call Optex for additional wiring instructions.	
TTX2 Smart Drive	Pins 14 & 15 (N/C)	Pins 4 & 5	Pins 18 & 19 (N/C)	Pin 11	Pin 12	Pin 20	Pin 17	On TTX set solid 2 to flashing 2, solid 4 to flashing 2. On 904 set dipswitches 1,2 up, 4 down. On pairs use D.P.D.T relays for Activation and safety.	