

Output Relay to Chassis Connector					
Relay	Pin	Func	Out	Band	DB-6OUT (M) Chassis
Relay Module: M1					
Left Relays					
1	1	NC			
1	2	C	+12V		
1	3	NO	A1	10M	1
2	4	NC			
2	5	C	+12V		
2	6	NO	A2	15M	2
3	7	NC			
3	8	C	+12V		
3	9	NO	A3	20M	3
4	10	NC			
4	11	C	+12V		
4	12	NO	A4	40M	4
Right Relays					
5	1	NC			
5	2	C	+12V		
5	3	NO	A5	80M	5
6	4	NC			
6	5	C	+12V		
6	6	NO	A6	160M	6
7	7	NC			
7	8	C	+12V		
7	9	NO	B1	10M	1
8	10	NC			
8	11	C	+12V		
8	12	NO	B2	15M	2
Relay Module: M2					
Left Relays					
1	1	NC			
1	2	C	+12V		
1	3	NO	B3	20M	3
2	4	NC			
2	5	C	+12V		
2	6	NO	B4	40M	4
3	7	NC			
3	8	C	+12V		
3	9	NO	B5	80M	5
4	10	NC			
4	11	C	+12V		
4	12	NO	B6	160M	6
Right Relays					
5	1	NC			
5	2	C	+12V		
5	3	NO	C1	10M	1
6	4	NC			
6	5	C	+12V		
6	6	NO	C2	15M	2
7	7	NC			
7	8	C	+12V		
7	9	NO	C3	20M	3
8	10	NC			
8	11	C	+12V		
8	12	NO	C4	40M	4
Relay Modules: M3					
Left Relays					
1	1	NC			
1	2	C	+12V		
1	3	NO	C5	80M	5
2	4	NC			
2	5	C	+12V		
2	6	NO	C6	160M	6
3	7	NC			
3	8	C	+12V		
3	9	NO	D1	10M	1
4	10	NC			
4	11	C	+12V		
4	12	NO	D2	15M	2
Right Relays					
5	1	NC			
5	2	C	+12V		
5	3	NO	D3	20M	3
6	4	NC			
6	5	C	+12V		
6	6	NO	D4	40M	4
7	7	NC			
7	8	C	+12V		
7	9	NO	D5	80M	5
8	10	NC			
8	11	C	+12V		
8	12	NO	D6	160M	6

## System Wiring List

System Wiring List								
Station 1						Output A		
Ctrl Box	Wire	DB-BOX(M) Connector	DB-IN (F) Chassis	Function	DB-OUT (M) Chassis	DB-6Pak (F) Connector	Wire	SixPak
J1-1	Brn	1	1	10M	1	1	Black	#1 – A -10M
J1-2	Red	2	2	15M	2	2	White	#1 – A -15M
J1-3	Org	3	3	20M	3	3	Blue	#1 – A – 20M
J1-4	Yel	4	4	40M	4	4	Yellow	#1 – A – 40M
J1-5	Grey	5	5	80M	5	5	Orange	#1 – A – 80M
J1-6	Blu	6	6	160M	6	6	Brown	#1 – A – 160M
J2-1	Violet**	7	7	GND	7	7*		
J1-7	Black**	8	8	+12V		8*		
J2-7	W/Brn	20	20	10M-LED				
J2-6	W/Red	21	21	15M-LED				
J2-5	W/Org	22	22	20M-LED				
J2-4	W/Yel	23	23	40M-LED				
J2-3	White	24	24	80M-LED				
J2-2	W/Blue	25	25	160M -LED				
* Red/Black pig tails are connected to the DB-6Pak connectors for coop.								
** Note +12V and Ground do not use traditional colors!!!								
Station 2						Output B		
Ctrl Box	Wire	DB-BOX(M) Connector	DB-IN (F) Chassis	Function	DB-OUT (M) Chassis	DB-6Pak (F) Connector	Wire	SixPak
J1-1	Brn	1	1	10M	1	1	Brown	#2 – A -10M
J1-2	Red	2	2	15M	2	2	Red	#2 – A -15M
J1-3	Org	3	3	20M	3	3	Orange	#2 – A – 20M
J1-4	Yel	4	4	40M	4	4	Yellow	#2 – A – 40M
J1-5	Grey	5	5	80M	5	5	Green	#2 – A – 80M
J1-6	Blu	6	6	160M	6	6	Blue	#2 – A – 160M
J2-1	Violet**	7	7	GND	7	7*	Black	#2 – A – GND
J1-7	Black**	8	8	+12V		8*		
J2-7	W/Brn	20	20	10M-LED				
J2-6	W/Red	21	21	15M-LED				
J2-5	W/Org	22	22	20M-LED				
J2-4	W/Yel	23	23	40M-LED				
J2-3	White	24	24	80M-LED				
J2-2	W/Blue	25	25	160M -LED				
* Red/Black pig tails are connected to the DB-6Pak connectors for coop.								
** Note +12V and Ground do not use traditional colors!!!								
Station 3						Output C		
Ctrl Box	Wire	DB-BOX(M) Connector	DB-IN (F) Chassis	Function	DB-OUT (M) Chassis	DB-6Pak (F) Connector	Wire	SixPak
J1-1	Brn	1	1	10M	1	1	Yellow	#1 – B -10M
J1-2	Red	2	2	15M	2	2	Orange	#1 – B -15M
J1-3	Org	3	3	20M	3	3	Red	#1 – B -20M
J1-4	Yel	4	4	40M	4	4	Brown	#1 – B -40M
J1-5	Grey	5	5	80M	5	5	Green	#1 – B -80M
J1-6	Blu	6	6	160M	6	6	White	#1 – B -160M
J2-1	Violet**	7	7	GND	7	7*	Black	GND
J1-7	Black**	8	8	+12V		8*		
J2-7	W/Brn	20	20	10M-LED				
J2-6	W/Red	21	21	15M-LED				
J2-5	W/Org	22	22	20M-LED				
J2-4	W/Yel	23	23	40M-LED				
J2-3	White	24	24	80M-LED				
J2-2	W/Blue	25	25	160M -LED				
* Red/Black pig tails are connected to the DB-6Pak connectors for coop.								
** Note +12V and Ground do not use traditional colors!!!								
Station 4						Output D		
Ctrl Box	Wire	DB-BOX(M) Connector	DB-IN (F) Chassis	Function	DB-OUT (M) Chassis	DB-6Pak (F) Connector	Wire	SixPak
J1-1	Brn	1	1	10M	1	1		#2 – B -10M
J1-2	Red	2	2	15M	2	2		#2 – B -15M
J1-3	Org	3	3	20M	3	3		#2 – B -20M
J1-4	Yel	4	4	40M	4	4		#2 – B -40M
J1-5	Grey	5	5	80M	5	5		#2 – B -80M
J1-6	Blu	6	6	160M	6	6		#2 – B -160M
J2-1	Violet**	7	7	GND	7	7*		GND
J1-7	Black**	8	8	+12V		8*		
J2-7	W/Brn	20	20	10M-LED				
J2-6	W/Red	21	21	15M-LED				
J2-5	W/Org	22	22	20M-LED				
J2-4	W/Yel	23	23	40M-LED				
J2-3	White	24	24	80M-LED				
J2-2	W/Blue	25	25	160M -LED				
* Red/Black pig tails are connected to the DB-6Pak connectors for coop.								
** Note +12V and Ground do not use traditional colors!!!								