

DMX CHARTS

RDM Model ID: 0xD168

RDM Personality ID List

ID	DMX Mode	Footprint
1	UNO	1CH
2	DUO	2CH
3	BASIC	2CH
5	BASIC 16BIT	4CH
6	STANDARD	5CH
7	EXTENDED	9CH
8	ADVANCED	11CH

DMX BASIC MODES

PARAMETER	UNO	DUO	BASIC	BASIC 16BIT	STD	EXT	ADV
DIMMER	1	1	1	1	1	1	1
DIMMER FINE	-	2	-	2	2	2	2
CCT	-	-	2	3	3	3	3
CCT FINE	-	-	-	4	-	4	4
CROSSFADE	-	-	-	-	-	5	5
WARM WHITE	-	-	-	-	-	6	6
WARM WHITE FINE	-	-	-	-	-	-	7
COLD WHITE	-	-	-	-	-	7	8
COLD WHITE FINE	-	-	-	-	-	-	9
STROBE	-	-	-	-	4	8	10
CONTROL	-	-	-	-	5	9	11

CHANNEL DEFINITION

Dimmer					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
Dimmer	0	255	0	65535	Default @ 0 (Linear Dimmer 0 - 100%)

CCT (2800K - 10000K)						
Function		8 bit value		16 bit value		Note
CCT(K) From	CCT(K) To	From	To	From	To	
2700	2800	0	7	0	1725	Default @ 0
2800	2900	7	13	1725	3449	
2900	3000	13	20	3449	5174	
3000	3100	20	27	5174	6898	
3100	3200	27	34	6898	8623	
3200	3300	34	40	8623	10348	
3300	3400	40	47	10348	12072	
3400	3500	47	54	12072	13797	
3500	3600	54	60	13797	15521	
3600	3700	60	67	15521	17246	
3700	3800	67	74	17246	18971	
3800	3900	74	81	18971	20695	
3900	4000	81	87	20695	22420	
4000	4100	87	94	22420	24144	
4100	4200	94	101	24144	25869	
4200	4300	101	107	25869	27594	
4300	4400	107	114	27594	29318	
4400	4500	114	121	29318	31043	
4500	4600	121	128	31043	32768	
4600	4700	128	134	32768	34492	
4700	4800	134	141	34492	36217	
4800	4900	141	148	36217	37941	
4900	5000	148	154	37941	39666	
5000	5100	154	161	39666	41391	
5100	5200	161	168	41391	43115	
5200	5300	168	174	43115	44840	
5300	5400	174	181	44840	46564	
5400	5500	181	188	46564	48289	
5500	5600	188	195	48289	50014	
5600	5700	195	201	50014	51738	
5700	5800	201	208	51738	53463	
5800	5900	208	215	53463	55187	
5900	6000	215	221	55187	56912	
6000	6100	221	228	56912	58637	
6100	6200	228	235	58637	60361	
6200	6300	235	242	60361	62086	
6300	6400	242	248	62086	63810	
6400	6500	248	255	63810	65535	

Crossfade from CCT to WW/CW

Function	8 bit value		16 bit value		Note
	From	To	From	To	
Linear Crossfade	0	255	0	65535	Default @ 255

Warm White

Function	8 bit value		16 bit value		Note
	From	To	From	To	
Color	0	255	0	65535	Default @ 255 Linear 0 - 100%

Cold White

Function	8 bit value		16 bit value		Note
	From	To	From	To	
Color	0	255	0	65535	Default @ 255 Linear 0 - 100%

Strobe

Function	8 bit value		16 bit value		Note
	From	To	From	To	
Open	0	1	-	-	Default @ 255
Strobe from Slow to Fast	2	62	-	-	
Open	63	64	-	-	
Pulse In from slow to fast	65	125	-	-	
Close	126	127	-	-	
Pulse Out from slow to fast	128	188	-	-	
Open	189	190	-	-	
Random from slow to fast	191	251	-	-	
Open	252	255	-	-	

Control Channel

Function		8 bit value		Note
		From	To	
No Function / Safe		0	1	Default @ 0
DISPLAY	ON	2	3	Hold 3s to take function
	10s	4	5	
	20s	6	7	
	30s	8	9	
FLIP DISPLAY	ON	10	11	
	OFF	12	13	
KEY LOCK	ON	14	15	
	OFF	16	17	
DIMMER CURVE	LINEAR	18	19	
	S-CURVE	20	21	
	SQUARE LAW	22	23	
	INVERSE SQUARE LAW	24	25	
DIMMER SPEED	AUTO	26	27	
	FAST	28	29	
	MEDIUM	30	31	
	SLOW	32	33	
	OFF	34	35	
LED FREQUENCY	600HZ	36	37	
	1200HZ	38	39	
	2000HZ	40	41	
	4000HZ	42	43	
	6000HZ	44	45	
	25KHZ	46	47	
	36KHZ	48	49	
	40KHZ	50	51	
DMX FAULT	HOLD	52	53	
	BLACKOUT	54	55	
	STAND ALONE	56	57	
	EMERGENCY	58	59	
OUTPUT CONTROL	CONSTANT	60	61	
	DYNAMIC	62	63	
STANDALONE	STAND ALONE MASTER DMX	64	65	
	STAND ALONE MASTER NO DMX	66	67	
	STAND ALONE SLAVE	68	69	
	STAND ALONE EFFECTS	70	71	
	STAND ALONE CCT PRESETS	72	73	
	STAND ALONE MANUAL WW / CW	74	75	
Reserved		76	249	
Reset all channel controlled		250	251	
Reserved		252	255	