

DMX CHARTS

RDM Model ID: 0xD121

RDM Personality ID List

ID	DMX Mode	Footprint
1	UNO	1CH
2	DUO	2CH
3	BASIC	2CH
4	STANDARD	5CH
5	EXTENDED	9CH
6	ADVANCED	13CH

	MODE					
PARAMETER	UNO	DUO	BASIC	STANDARD	EXTENDED	ADVANCED
DIMMER	1	1	1	1	1	1
DIMMER FINE		2		2	2	2
CCT			2	3	3	3
CCT FINE					4	4
CROSSFADE					5	5
WARM WHITE					6	6
WARM WHITE FINE						7
COLD WHITE					7	8
COLD WHITE FINE						9
EFFECT						10
EFFECT SPEED						11
STROBE				4	8	12
CONTROL				5	9	13

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

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	-	-	
Open	126	127	-	-	
Pulse Out from slow to fast	128	188	-	-	
Open	189	190	-	-	
Random from slow to fast	191	251	-	-	
Open	252	255	-	-	

CCT						
Function		8 bit value		16 bit value		Note
CCT From	CCT 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	

CCT						
Function		8 bit value		16 bit value		Note
CCT From	CCT To	From	To	From	To	
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	-	-	Default @ 255

Warm White					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
0 - 100%	0	255	0	65535	Default @ 255 / 65535

Cold White					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
0 - 100%	0	255	0	65535	Default @ 255 / 65535

Effects					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
No Function	0	10	-	-	Default @ 0
FX 1	11	60	-	-	
FX 2	61	110	-	-	
FX 3	111	160	-	-	
FX 4	161	210	-	-	
FX 5 (FX 1 -4)	211	255	-	-	

Effect Speed					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
From slow to fast	0	255	-	-	Default @ 128

Control Channel					
Function	8 bit value		16 bit value		Note
	From	To	From	To	
No Functon	0	1	-	-	Default @ 0 Hold 3s to take function
DIMMER CURVE LINEAR	2	3	-	-	
DIMMER CURVE S-CURVE	4	5	-	-	
DIMMER CURVE SQUARE LAW	6	7	-	-	
DIMMER CURVE INVERSE SQUARE LAW	8	9	-	-	
DIMMER SPEED AUTO	10	11	-	-	
DIMMER SPEED FAST	12	13	-	-	
DIMMER SPEED MEDIUM	14	15	-	-	
DIMMER SPEED SLOW	16	17	-	-	
LED FREQUENCY 600HZ	18	19	-	-	
LED FREQUENCY 1200HZ	20	21	-	-	
LED FREQUENCY 2000HZ	22	23	-	-	
LED FREQUENCY 4000HZ	24	25	-	-	
LED FREQUENCY 6000HZ	26	27	-	-	
LED FREQUENCY 25KHZ	28	29	-	-	
LED FREQUENCY 36KHZ	30	31	-	-	
LED FREQUENCY 40KHZ	32	33	-	-	
DMX FAULT HOLD	34	35	-	-	
DMX FAULT BLACKOUT	36	37	-	-	
DMX FAULT STAND ALONE	38	39	-	-	
DMX FAULT EMERGENCY	40	41	-	-	
STAND ALONE MASTER DMX	42	43	-	-	
STAND ALONE MASTER NO DMX	44	45	-	-	
STAND ALONE SLAVE	46	47	-	-	
STAND ALONE EFFECTS	48	49	-	-	
STAND ALONE CCT PRESETS	50	51	-	-	
STAND ALONE MANUAL WW/CW	52	53	-	-	
OUTPUT CONTROL CONSTANT	54	55	-	-	
OUTPUT CONTROL DYNAMIC	56	57	-	-	
Reserved	58	253	-	-	
Reset all channel controlled	254	255	-	-	