

H2 FC

COMPENDANT LIGHT RGBAL WITH W-DMX™
IN BLACK / WHITE HOUSING
DMX CONTROL TABLE



1CH	2CH 16 Bit	2CH CCT	CH Mode					
User Color 1	User Color 1		Function	Values				Sub-Group
1	1	1	Dimmer	000	-	255	0% to 100%	Dimmer
	2		Dimmer fine	000	-	255	0% to 100%	
		2	Color Temperature	000	-	005	Full on	CCT
				006	-	008	Bulb White (2700K)	
				009	-	011	Halogen White (3200K)	
				012	-	014	Neutral White (4000K)	
				015	-	017	Studio White (5600K)	
				018	-	020	Daylight White (6500K)	
				021	-	255	6500K - 1800K	

3CH	6CH HSI	CH Mode					
		Function	Values				Sub-Group
1	1	Dimmer	000	-	255	0% to 100%	Dimmer
2		Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
			006	-	010	Strobe closed	
			011	-	022	Ramp up/down, slow -> fast	
			023	-	033	Ramp up/down random, slow->fast	
			034	-	045	Ramp up, slow -> fast	
			046	-	056	Ramp up random, slow -> fast	
			057	-	068	Ramp down, slow -> fast	
			069	-	079	Ramp down random, slow -> fast	
			080	-	102	Random Strobe effect, slow -> fast	
			103	-	127	Strobe Break effect, 5s.....1s (Short burst with break)	
			128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open		
	2	Hue	000	-	000	Full on	HSI
			001	-	255	0° (RED) -> 360°	
	3	Saturation	000	-	255	0% - 100%	
	4	Color Temperature (affects HSI)	000	-	005	off	CCT
			006	-	008	Bulb White (2700K)	
			009	-	011	Halogen White (3200K)	
			012	-	014	Neutral White (4000K)	
			015	-	017	Studio-White (5600K)	
			018	-	020	Daylight White (6500K)	
			021	-	255	6500K - 1800K	

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3	Color Presets (override Color Temperature)	000	-	005	Full on	Color Presets
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
		128	-	164	Color Jumping Speed slow->fast / Color 1 -> 12	
		165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12	
		202	-	207	User Color_1	
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	Full on			
5	Color Temperature Crossfade	000	-	005	no function	
		006	-	105	0,1s - 10s (0,1s Steps)	
		106	-	214	11s - 119s (1s Steps)	
		215	-	244	2m - 4m50s (10s Steps)	
		245	-	255	5m - 15m (1m Steps)	
6	DMX-Delay	000	-	005	No Delay	
		006	-	255	0,1s - 2,0s	

5CH RGBAL Mode						
CH	Function	Values				Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	Amber	000	-	255	0% to 100%	Amber
5	Lime	000	-	255	0% to 100%	Lime

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13CH 8Bit	20CH 16Bit	23CH 16Bit	CH Mode				Sub-Group		
			Function	Values					
1	1	1	Dimmer	000	-	255	0% to 100%	Dimmer	
-	2	2	Dimmer fine	000	-	255	0% to 100%		
2	3	3	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe	
				006	-	010	Strobe closed		
				011	-	022	Ramp up/down, slow -> fast		
				023	-	033	Ramp up/down random, slow->fast		
				034	-	045	Ramp up, slow -> fast		
				046	-	056	Ramp up random, slow -> fast		
				057	-	068	Ramp down, slow -> fast		
				069	-	079	Ramp down random, slow -> fast		
				080	-	102	Random Strobe effect, slow -> fast		
				103	-	127	Strobe Break effect, 5s.....1s (short burst with break)		
				128	-	250	Strobe slow -> fast <1Hz - 20Hz		
251	-	255	Strobe open						
3	4	4	Red	000	-	255	0% to 100%	Red	
-	5	5	Red fine	000	-	255	0% to 100%		
4	6	6	Green	000	-	255	0% to 100%	Green	
-	7	7	Green fine	000	-	255	0% to 100%		
5	8	8	Blue	000	-	255	0% to 100%	Blue	
-	9	9	Blue fine	000	-	255	0% to 100%		
6	10	10	Amber	000	-	255	0% to 100%	Amber	
-	11	11	Amber fine	000	-	255	0% to 100%		
7	12	12	Lime	000	-	255	0% to 100%	Lime	
-	13	13	Lime fine	000	-	255	0% to 100%		
		14	Hue	000	-	005	Full on	HSI	
				006	-	255	0° (RED) thru 360°		
			15	Hue fine	000	-	255		fine steps
			16	Saturation	000	-	255		0% - 100%
8	14	17	Color Temperature (affect RGBAL or HSI)	000	-	005	off	CCT	
				006	-	008	Bulb White (2700K)		
				009	-	011	Halogen White (3200K)		
				012	-	014	Neutral White (4000K)		
				015	-	017	Studio-White (5600K)		
				018	-	020	Daylight White (6500K)		
				021	-	255	6500K - 1800K		
9	15	18	Tint (affects Color Temperature)	000	-	000	Off	Tint	
				001	-	127	Magenta -> Neutral		
				128	-	128	neutral		
				129	-	255	Neutral -> Green		

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10	16	19	Color Presets (override RGB, HSI, Color Temperature)	000	-	005	Color off	Color Presets
				006	-	013	Red	
				014	-	021	Amber	
				022	-	029	Yellow warm	
				030	-	037	Yellow	
				038	-	045	Green	
				046	-	053	Turquoise	
				054	-	061	Cyan	
				062	-	069	Blue	
				070	-	077	Lavender	
				078	-	085	Mauve	
				086	-	093	Magenta	
				094	-	101	Pink	
				102	-	109	Warm White	
				110	-	117	White	
				118	-	125	Cold White	
				126	-	127	Color Jumping Stop	
				128	-	164	Color Jumping Speed slow->fast / Color 1 -> 12	
				165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12	
				202	-	207	User Color_1	
208	-	213	User Color_2					
214	-	219	User Color_3					
220	-	225	User Color_4					
226	-	255	no function					
11	17	20	Color Preset Crossfade (Affects Color Temperature, HSI)	000	-	005	no function	
				006	-	105	0,1s - 10s (0,1s Steps)	
				106	-	214	11s - 119s (1s Steps)	
				215	-	244	2m - 4m50s (10s Steps)	
				245	-	255	5m - 15m (1m Steps)	
12	18	21	Rec. User Color	000	-	005	no function	
				006	-	011	User Color 1 (hold 3s)	
				012	-	017	User Color 2 (hold 3s)	
				018	-	023	User Color 3 (hold 3s)	
				024	-	029	User Color 4 (hold 3s)	
				030	-	255	Spare	

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19	22	Device settings (please read remark 1*)	000	-	073	No function	Device settings		
			074	-	075	Dimmer Response LED (hold 1,5 s)			
			076	-	081	Dimmer Response Halogen (hold 1,5 s)			
			082	-	083	No function			
			084	-	085	No function			
			086	-	119	No function			
			120	-	121	PWM 1 (800 Hz) (hold 3s)			
			122	-	123	PWM 2 (1200 Hz)(hold 3s)			
			124	-	125	PWM 3 (2000 Hz)(hold 3s)			
			126	-	127	PWM 4 (3600 Hz)(hold 3s)			
			128	-	129	PWM 5 (12 KHz)(hold 3s)			
			130	-	131	PWM 6 (25 KHz)(hold 3s)			
			132	-	133	RAW (hold 3s)			
			134	-	135	Calibrated (hold 3s)			
			136	-	137	User Calibrated (hold 3s)			
			138	-	139	No function			
			140	-	141	Display on (hold 3s)			
			142	-	143	Display off (hold 3s)			
			144	-	163	No function			
			164	-	165	Dimmer Curve Linear (hold 3s)			
			166	-	167	Dimmer Curve Exponential (hold 3s)			
			168	-	169	Dimmer Curve Logarithmic (hold 3s)			
			170	-	171	Dimmer Curve S-Curve (hold 3s)			
			172	-	235	No function			
			236	-	237	Reset All Functions (hold 3s)			
			238	-	239	Reset (except User Colour) (hold 3s)			
240	-	255	No function						
13	20	23	DMX-Delay			000	-	005	No Delay
			006	-	255	0,1s - 2,0s			

EN: (1*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

DE: (1*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.

FR: (1*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

ES: (1*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

PL: (1*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

IT: (1*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.