

OTOS® B5

IP65 BEAM MOVING HEAD
DMX CONTROL TABLE



17CH	19CH	23CH	Function	Values				Subgroup
Basic	Srandard	Extended						
1	1	1	Pan	000	-	255	0% to 100%	Pan
2	2	2	Pan fine	000	-	255		
3	3	3	Tilt	000	-	255	0% to 100%	Tilt
4	4	4	Tilt fine	000	-	255		
5	5	5	Dimmer	000	-	255	0% to 100%	Dimmer
	6	6	Dimmer fine	000	-	255		
6	7	7	Strobe Functions	000	-	005	Open	Multi-functional Strobe
				006	-	010	Closed	
				011	-	022	Ramp up/down slow to fast	
				023	-	033	Ramp up/down random slow to fast	
				034	-	045	Ramp up slow to fast	
				046	-	056	Ramp up random slow to fast	
				057	-	068	Ramp down slow to fast	
				069	-	079	Ramp down random slow to fast	
				080	-	102	Random Strobe effect slow to fast	
				103	-	127	Strobe Break effect 5s to 1s (short burst with break)	
				128	-	250	Strobe slow to fast (<1Hz to 20Hz)	
				251	-	255	Open	
7	8	8	Cyan	000	-	255	0% to 100%	Subtractive Color Mixing
		9	Cyan fine	000	-	255		
8	9	10	Magenta	000	-	255	0% to 100%	
		11	Magenta fine	000	-	255		
9	10	12	Yellow	000	-	255	0% to 100%	
		13	Yellow fine	000	-	255		
10	11	14	Color Wheel	000	-	000	Open	Color Wheel
				001	-	011	Open -> Dark Red	
				012	-	012	Dark Red	
				013	-	023	Dark Red --> Medium Blue	
				024	-	024	Medium Blue	
				025	-	035	Medium Blue --> Yellow	

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10	11	14	Color Wheel	036	-	036	Yellow	Color Wheel
				037	-	047	Yellow --> Magenta	
				048	-	048	Magenta	
				049	-	059	Magenta --> Blue-Green	
				060	-	060	Blue-Green	
				061	-	071	Blue-Green --> Lavender	
				072	-	072	Lavender	
				073	-	083	Lavender --> Deep Orange	
				084	-	084	Deep Orange	
				085	-	095	Deep Orange --> Light Orange	
				096	-	096	Light Orange	
				097	-	107	Light Orange --> Lime	
				108	-	108	Lime	
				109	-	119	Lime --> Deep Blue	
				120	-	120	Deep Blue	
				121	-	131	Deep Blue --> CTO 2600K	
				132	-	132	CTO 2600K	
				133	-	143	CTO 2600K --> Amber	
				144	-	144	Amber	
				145	-	155	Amber --> CTO 3200K	
				156	-	156	CTO 3200K	
				157	-	167	CTO 3200K --> Congo Blue	
				168	-	168	Congo Blue	
				169	-	179	Congo Blue --> Open	
				180	-	192	Open	
193	-	223	Color Wheel Rotation fast to slow					
224	-	224	Color Wheel Rotation stop					
225	-	255	Color Wheel Rotation slow to fast (backwards)					
		15	Color Wheel Fine	000	-	255		
11	12	16	Gobo Wheel	000	-	005	Open	Static Gobowheel
				006	-	006	Gobo 1	
				007	-	011	Gobo 1 -> Gobo 2	

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11	12	16	Gobo Wheel	012	-	012	Gobo 2	Static Gobowheel
				013	-	017	Gobo 2 -> Gobo 3	
				018	-	018	Gobo 3	
				019	-	023	Gobo 3 -> Gobo 4	
				024	-	024	Gobo 4	
				025	-	029	Gobo 4 -> Gobo 5	
				030	-	030	Gobo 5	
				031	-	035	Gobo 5 -> Gobo 6	
				036	-	036	Gobo 6	
				037	-	041	Gobo 6 -> Gobo 7	
				042	-	042	Gobo 7	
				043	-	047	Gobo 7 -> Gobo 8	
				048	-	048	Gobo 8	
				049	-	053	Gobo 8 -> Gobo 9	
				054	-	054	Gobo 9	
				055	-	059	Gobo 9 -> Gobo 10	
				060	-	060	Gobo 10	
				061	-	065	Gobo 10 -> Gobo 11	
				066	-	066	Gobo 11	
				067	-	071	Gobo 11 -> Gobo 12	
				072	-	072	Gobo 12	
				073	-	077	Gobo 12 -> Gobo 13	
				078	-	078	Gobo 13	
				079	-	083	Gobo 13-> Gobo 14	
				084	-	084	Gobo 14	
				085	-	089	Gobo 14 -> Gobo 15	
				090	-	090	Gobo 15	
				091	-	095	Gobo 15 -> Gobo 16	
				096	-	096	Gobo 16	
				097	-	101	Gobo 16 -> Gobo 17	
				102	-	102	Gobo 17	
				103	-	107	Gobo 17 -> Gobo 18	
				108	-	108	Gobo 18	
				109	-	113	Gobo 18 -> Gobo 19	
114	-	114	Gobo 19					
115	-	119	Gobo 19 -> Open					
120	-	131	Open					
132	-	134	Gobo Shake 1 (slow -> fast)					
135	-	137	Gobo Shake 2 (slow -> fast)					

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11	12	16	Gobo Wheel	138	-	140	Gobo Shake 3 (slow -> fast)	Static Gobowheel
				141	-	143	Gobo Shake 4 (slow -> fast)	
				144	-	146	Gobo Shake 5 (slow -> fast)	
				147	-	149	Gobo Shake 6 (slow -> fast)	
				150	-	152	Gobo Shake 7 (slow -> fast)	
				153	-	155	Gobo Shake 8 (slow -> fast)	
				156	-	158	Gobo Shake 9 (slow -> fast)	
				159	-	161	Gobo Shake 10 (slow -> fast)	
				162	-	164	Gobo Shake 11 (slow -> fast)	
				165	-	167	Gobo Shake 12 (slow -> fast)	
				168	-	170	Gobo Shake 13 (slow -> fast)	
				171	-	173	Gobo Shake 14 (slow -> fast)	
				174	-	176	Gobo Shake 15 (slow -> fast)	
				177	-	179	Gobo Shake 16 (slow -> fast)	
				180	-	182	Gobo Shake 17 (slow -> fast)	
				183	-	185	Gobo Shake 18 (slow -> fast)	
				186	-	188	Gobo Shake 19 (slow -> fast)	
189	-	192	Gobo open					
193	-	223	Gobo Wheel rotation fast to slow					
224	-	224	Gobo Wheel rotation Stop					
225	-	255	Gobo Wheel rotation slow to fast (backwards)					
12	13	17	Focus	000	-	255	0% to 100%	Focus
	14	18	Focus fine	000	-	255		

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13	15	19	Prism Selection	000	-	005	Prism Wheel 1 off (open)	Prism
				006	-	055	Prism 1	
				056	-	105	Prism 2	
				106	-	155	Prism 3	
				156	-	205	Prism 1 & 3	
				206	-	255	Prism 2 & 3	
14	16	20	Prism 1 & 2	000	-	128	Prism Position 0° to 540°	Prism
				129	-	191	Prism Rotation fast to slow	
				192	-	192	Prism Rotation Stop	
				193	-	255	Prism Rotation slow to fast (backwards)	
15	17	21	Prism 3	000	-	128	Prism Position 0° to 540°	
15	17	21	Prism 3	129	-	191	Prism Rotation fast to slow	Prism
				192	-	192	Prism Rotation Stop	
				193	-	255	Prism Rotation slow to fast (backwards)	
16	18	22	Frost	000	-	255	0% to 100%	Frost

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17	19	23	"Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)"	000	-	005	No function	
				006	-	007	Blackout while P/T moving On	Blackout
				008	-	009	Blackout while P/T moving Off	
				010	-	011	Blackout while Wheels moving On	
				012	-	013	Blackout while Wheels moving Off	
				014	-	015	Sun Protection On	Sun Protection
				016	-	017	Sun Protection Off	
				018	-	019	Sleep Mode On	Energy Saving
				020	-	021	Sleep Mode Off/Wake Up	
				022	-	024	No function	
				025	-	025	Record User Scene 1	User Scene
				026	-	026	Record User Scene 2	
				027	-	027	Record User Scene 3	
				028	-	028	Record User Scene 4	
				029	-	029	Record User Scene 5	
				030	-	030	Record User Scene 6	
				031	-	031	Record User Scene 7	
				032	-	032	Record User Scene 8	
				033	-	041	No function	
				042	-	043	Invert Pan On	Movement
044	-	045	Invert Pan Off					

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17	19	23	"Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)"	046	-	047	Invert Tilt On	Movement
				048	-	049	Invert Tilt Off	
				050	-	065	No function	Power Settings (Discharge)
				066	-	067	Lamp On	
				068	-	069	Lamp Off	
				070	-	071	Lamp Power Standard	
				072	-	073	Lamp Power Eco	
				074	-	139	No function	Display Functions
				140	-	141	Display Always On	
				142	-	143	Display Off after 20s	
				144	-	147	No function	Wheel Movement
				148	-	149	Color Wheel Snap	
				150	-	151	Color Wheel Scroll	
				152	-	153	Gobo Wheel Snap	
				154	-	155	Gobo Wheel Scroll	
				156	-	163	No function	Dimmer Curve
				164	-	165	Dimmer Curve Linear	
				166	-	167	Dimmer Curve Exponential	
				168	-	169	Dimmer Curve Logarithmic	
				170	-	171	Dimmer Curve S-Curve	Wheel Positioning
				172	-	209	No function	
				210	-	211	Color Wheel Shortest Way	
				212	-	213	Color Wheel Clockwise	
				214	-	215	Gobo Wheel Shortest Way	
				216	-	217	Gobo Wheel Clockwise	Wheel Positioning
				218	-	221	No function	Reset
				222	-	223	Reset Pan / Tilt	
				224	-	233	No function	
234	-	235	Reset Head complete					
236	-	237	Reset All					
238	-	239	No function					

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17	19	23	"Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)"	240	-	241	Load Factory Defaults	Load Default
				242	-	243	No function	
				244	-	245	Load User Default A	
				246	-	247	Load User Default B	
				248	-	249	Load User Default C	
			250	-	255	No function		

- 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 endless 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.