

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
WITH LED RING
DMX CONTROL TABLE



4 CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
3	Auto Program	000	-	005	off	Auto Program
		006	-	036	Auto Program 1	
		037	-	067	Auto Program 2	
		068	-	098	Auto Program 3	
		099	-	129	Auto Program 4	
		130	-	160	Auto Program 5	
		161	-	191	Auto Program 6	
		192	-	222	Auto Program 7	
223	-	255	Auto Program 8			
4	Pan/Tilt Speed (Set Speed Auto Programms)	000	-	255	Pan/Tilt Fast -> Slow	Pan/Tilt speed

15 CH Mode						
Ch.	Function	Values			Sub-Group	
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255	0% to 100%	
3	Endless Pan rotation	000	-	005	no function	Endless Pan
		006	-	126	Forward pan rotation (fast to slow)	
		127	-	128	Stop	
		129	-	255	Backward pan rotation (slow to fast)	
4	Tilt	000	-	255	0% to 100%	Tilt
5	Tilt fine	000	-	255	0% to 100%	Endless Tilt
6	Endless Tilt rotation	000	-	005	no function	
		006	-	126	Forward tilt rotation (fast to slow)	
		127	-	128	Stop	
		129	-	255	Backward tilt rotation (slow to fast)	
7	Dimmer	000	-	255	0% to 100%	Dimmer
8	Strobe functions	000	-	005	Strobe open	multifunctional-strobe
		006	-	010	Strobe closed	
		011	-	033	Puls Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	079	Ramp down Random, slow -> fast	
		080	-	102	Random Strobe Effect, slow -> fast	
		103	-	127	Strobe Break Effekt, 5s.....1s (Short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
251	-	255	Strobe open			
9	Red	000	-	255	0% to 100%	Red
10	Green	000	-	255	0% to 100%	Green

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
WITH LED RING
DMX CONTROL TABLE



11	Blue	000	-	255	0% to 100%	Blue
12	White	000	-	255	0% to 100%	White
13	Device settings	000	-	005	no function	Device settings
		006	-	032	Blackout while Moving on (Hold 3s)	
		033	-	059	Blackout while Moving off (Hold 5s)	
		060	-	086	Invert Pan on (Hold 3s)	
		087	-	113	Invert Pan off (Hold 5s)	
		114	-	140	Invert Tilt on (Hold 3s)	
		141	-	167	Invert Tilt off (Hold 5s)	
		168	-	194	Silent Fan on (Hold 3s)	
		195	-	221	Silent Fan off (Hold 5s)	
		222	-	255	Reset All Functions (Hold 3s)	
14	Colour Ring Macro	000	-	005	Colour off	Colour Ring Macro
		006	-	013	Colour Macro 1 (Colour Jump)	
		014	-	021	Colour Macro 2 (Red 1 Step)	
		022	-	029	Colour Macro 3 (Green 1 Step)	
		030	-	037	Colour Macro 4 (Blue 1 Step)	
		038	-	045	Colour Macro 5 (Yellow 1 Step)	
		046	-	053	Colour Macro 6 (Cyan 1 Step)	
		054	-	061	Colour Macro 7 (Magenta 1 Step)	
		062	-	069	Colour Macro 8 (2step Magenta Yellow)	
		070	-	077	Colour Macro 9 (2step Red Green)	
		078	-	085	Colour Macro 10 (2step Red Blue)	
		086	-	093	Colour Macro 11 (2step Blue Yellow)	
		094	-	101	Colour Macro 12 (2step Green Blue)	
		102	-	109	Colour Macro 13 (2step Magenta Blue)	
		110	-	117	Colour Macro 14 (2step Green Yellow)	
		118	-	125	Colour Macro 15 (2step Cyan Magenta)	
126	-	133	Colour Macro 16 (2step Cyan Red)			
134	-	255	No function			
15	Colour Ring Macro Speed	000	-	255	slow > fast	Colour Ring Macro Speed

20 CH Mode						
Ch.	Function	Values				Sub-Group
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255	0% to 100%	
3	Endless Pan rotation	000	-	005	no function	Endless Pan
		006	-	126	clockwise pan rotation (fast to slow)	
		127	-	128	no movement	
		129	-	255	counter clockwise pan rotation (slow to fast)	
4	Tilt	000	-	255	0% to 100%	Tilt
5	Tilt fine	000	-	255	0% to 100%	

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
WITH LED RING
DMX CONTROL TABLE



6	Endless Tilt rotation	000	-	005	no function	Endless Tilt
		006	-	126	clockwise tilt rotation (fast to slow)	
		127	-	128	no movement	
		129	-	255	counter clockwise tilt rotation (slow to fast)	
7	Dimmer	000	-	255	0% to 100%	Dimmer
8	Strobe Functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	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			
9	Red	000	-	255	0% to 100%	Red
10	Green	000	-	255	0% to 100%	Green
11	Blue	000	-	255	0% to 100%	Blue
12	White	000	-	255	0% to 100%	White
13	Device settings	000	-	005	no function	Device settings
		006	-	032	Blackout while Moving on (Hold 3s)	
		033	-	059	Blackout while Moving off (Hold 5s)	
		060	-	086	Invert Pan on (Hold 3s)	
		087	-	113	Invert Pan off (Hold 5s)	
		114	-	140	Invert Tilt on (Hold 3s)	
		141	-	167	Invert Tilt off (Hold 5s)	
		168	-	194	Silent Fan on (Hold 3s)	
		195	-	221	Silent Fan off (Hold 5s)	
		222	-	255	Reset All Functions (Hold 3s)	
14	Dimmer Colour Ring	000	-	255	0% to 100%	Dimmer
15	Strobe Colour Ring	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
16	Colour Red	000	-	255	0% to 100%	Colour Ring
17	Colour Green	000	-	255	0% to 100%	
18	Colour Blue	000	-	255	0% to 100%	

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
WITH LED RING
DMX CONTROL TABLE



19	Colour Ring Macro	000	-	005	Colour off	Colour Ring Macro
		006	-	013	Colour Macro 1 (Colour Jump)	
		014	-	021	Colour Macro 2 (Red 1 Step)	
		022	-	029	Colour Macro 3 (Green 1 Step)	
		030	-	037	Colour Macro 4 (Blue 1 Step)	
		038	-	045	Colour Macro 5 (Yellow 1 Step)	
		046	-	053	Colour Macro 6 (Cyan 1 Step)	
		054	-	061	Colour Macro 7 (Magenta 1 Step)	
		062	-	069	Colour Macro 8 (2step Magenta Yellow)	
		070	-	077	Colour Macro 9 (2step Red Green)	
		078	-	085	Colour Macro 10 (2step Red Blue)	
		086	-	093	Colour Macro 11 (2step Blue Yellow)	
		094	-	101	Colour Macro 12 (2step Green Blue)	
		102	-	109	Colour Macro 13 (2step Magenta Blue)	
		110	-	117	Colour Macro 14 (2step Green Yellow)	
		118	-	125	Colour Macro 15 (2step Cyan Magenta)	
126	-	133	Colour Macro 16 (2step Cyan Red)			
20	Colour Ring Macro Speed	000	-	255	slow > fast	Colour Ring Macro Speed

35 CH Mode						
Ch.	Function	Values				Sub-Group
1	Pan	000	-	255	0% to 100%	Pan
2	Pan fine	000	-	255	0% to 100%	
3	Endless Pan rotation	000	-	005	no function	Endless Pan
		006	-	126	Forward pan rotation (fast to slow)	
		127	-	128	Stop	
		129	-	255	Backward pan rotation (slow to fast)	
4	Tilt	000	-	255	0% to 100%	Tilt
5	Tilt fine	000	-	255	0% to 100%	
6	Endless Tilt rotation	000	-	005	no function	Endless Tilt
		006	-	126	Forward tilt rotation (fast to slow)	
		127	-	128	Stop	
		129	-	255	Backward tilt rotation (slow to fast)	
7	Dimmer	000	-	255	0% to 100%	Dimmer
8	Dimmer fine	000	-	255	0% to 100%	

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
WITH LED RING
DMX CONTROL TABLE



9	Strobe functions	000	-	005	Strobe open	multifunctional-strobe
		006	-	010	Strobe closed	
		011	-	033	Puls Random, slow -> fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	079	Ramp down Random, slow -> fast	
		080	-	102	Random Strobe Effect, slow -> fast	
		103	-	127	Strobe Break Effekt, 5s.....1s (Short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
10	Red	000	-	255	0% to 100%	Red
11	Green	000	-	255	0% to 100%	Green
12	Blue	000	-	255	0% to 100%	Blue
13	White	000	-	255	0% to 100%	White
14	Colour Macro (override RGBW)	000	-	005	Colour off	Colour Macro
		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	Colour Jumping Stop	
		128	-	191	Colour Jumping Speed slow -> fast / Colour 1 -> 12	
192	-	255	Colour Fading Speed slow -> fast / Colour 1 -> 12			
15	Auto Program	000	-	005	off	Auto Program
		006	-	036	Auto Program 1	
		037	-	067	Auto Program 2	
		068	-	098	Auto Program 3	
		099	-	129	Auto Program 4	
		130	-	160	Auto Program 5	
		161	-	191	Auto Program 6	
		192	-	222	Auto Program 7	
		223	-	255	Auto Program 8	

MOVO BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
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16	Pan/Tilt Macro	000	-	005	off	Auto Movement
		006	-	040	PAN „small > big“	
		041	-	075	TILT „small > big“	
		076	-	110	PAN / TILT „small > big“	
		111	-	145	PAN / TILT (invers) „small > big“	
		146	-	180	Circle „small > big“	
		181	-	215	Circle (invers) „small > big“	
		216	-	255	Random „small > big“	
17	Set dimmer curve	000	-	005	no function	Set dimmer curve
		006	-	063	Linear Dimmer Curve	
		064	-	127	Exponential Dimmer Curve	
		128	-	191	Logarithmic Dimmer Curve	
		192	-	255	S-Curve Dimmer Curve	
18	Pan/Tilt Speed (Set Speed of Pan&Tilt / Auto Programms / Pan&Tilt Macros)	000	-	255	Pan/Tilt Fast -> Slow	Pan/Tilt speed
19	Device settings	000	-	005	no function	Device settings
		006	-	032	Blackout while Moving on (Hold 3s)	
		033	-	059	Blackout while Moving off (Hold 5s)	
		060	-	086	Invert Pan on (Hold 3s)	
		087	-	113	Invert Pan off (Hold 5s)	
		114	-	140	Invert Tilt on (Hold 3s)	
		141	-	167	Invert Tilt off (Hold 5s)	
		168	-	194	Silent Fan on (Hold 3s)	
		195	-	221	Silent Fan off (Hold 5s)	
222	-	255	Reset All Functions (Hold 3s)			
20	Dimmer Colour Ring	000	-	255	0% to 100%	Dimmer
21	Strobe Colour Ring	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
22	Red1	000	-	255	0% to 100%	Colour Ring
23	Green1	000	-	255	0% to 100%	
24	Blue1	000	-	255	0% to 100%	
25	Red2	000	-	255	0% to 100%	
26	Green2	000	-	255	0% to 100%	
27	Blue2	000	-	255	0% to 100%	
28	Red3	000	-	255	0% to 100%	
29	Green3	000	-	255	0% to 100%	
30	Blue3	000	-	255	0% to 100%	
31	Red4	000	-	255	0% to 100%	
32	Green4	000	-	255	0% to 100%	
33	Blue4	000	-	255	0% to 100%	

MOV0 BEAM 100

UNLIMITED ROTATION BEAM MOVING HEAD
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34	Colour Ring Macro (override Ch 22 - 33)	000	-	005	Colour off	Colour Ring Macro
		006	-	013	Colour Macro 1 (Colour Jump)	
		014	-	021	Colour Macro 2 (Red 1 Step)	
		022	-	029	Colour Macro 3 (Green 1 Step)	
		030	-	037	Colour Macro 4 (Blue 1 Step)	
		038	-	045	Colour Macro 5 (Yellow 1 Step)	
		046	-	053	Colour Macro 6 (Cyan 1 Step)	
		054	-	061	Colour Macro 7 (Magenta 1 Step)	
		062	-	069	Colour Macro 8 (2step Magenta Yellow)	
		070	-	077	Colour Macro 9 (2step Red Green)	
		078	-	085	Colour Macro 10 (2step Red Blue)	
		086	-	093	Colour Macro 11 (2step Blue Yellow)	
		094	-	101	Colour Macro 12 (2step Green Blue)	
		102	-	109	Colour Macro 13 (2step Magenta Blue)	
		110	-	117	Colour Macro 14 (2step Green Yellow)	
		118	-	125	Colour Macro 15 (2step Cyan Magenta)	
		126	-	133	Colour Macro 16 (2step Cyan Red)	
		134	-	255	No function	
35	Colour Ring Macro Speed	000	-	255	slow > fast	Colour Ring Macro Speed