

HYDRABEAM 600 RGBW

DMX CONTROL TABLE



6-CH Mode					
CH1	master dimmer	000	-	255	0-100%
CH2	strobe	000	-	010	no strobe
		011	-	255	slow to fast
CH3	show mode	000	-	007	no movement
		008	-	022	show mode 1
		023	-	037	show mode 2
		038	-	052	show mode 3
		053	-	067	show mode 4
		068	-	082	show mode 5
		083	-	097	show mode 6
		098	-	112	show mode 7
		113	-	127	show mode 8
		128	-	142	show mode 9
		143	-	157	show mode 10
		158	-	172	show mode 11
		173	-	187	show mode 12
		188	-	202	show mode 13
		203	-	217	show mode 14
		218	-	232	show mode 15
		233	-	247	show mode 16
248	-	255	sound control mode		
CH4		000	-	255	show mode speed (slow to fast) / sound sensitivity
CH5	light control	000	-	030	automatic colour change
		031	-	255	colour macro (see colour macro table)
CH6		000	-	255	automatic colour change speed

colour macros:			
031	-	045	R
046	-	060	G
061	-	075	B
076	-	090	W
091	-	105	RG
106	-	120	RB
121	-	135	RW
136	-	150	GB
151	-	165	GW
166	-	180	BW
181	-	195	RGB
196	-	210	RGW
211	-	225	RBW
226	-	240	GBW
241	-	255	RGBW

11-CH Mode					
CH1	master control	000	-	255	tilt
CH2		000	-	255	tilt fine
CH3		000	-	016	no function
		017	-	255	tilt auto movement (small angle to big angle)
CH4		000	-	255	master dimmer 0-100%
CH5	000	-	255	movement speed (fast to slow)	
CH6	strobe	000	-	010	no strobe
		011	-	255	slow to fast
CH7	light control	000	-	030	automatic colour change
		031	-	255	colour macro (see colour macro table)
CH8		000	-	255	automatic colour change speed (slow to fast)
CH9	invert control	000	-	063	all heads move in same direction
		064	-	127	left/right (heads 4-6 are inverted)
		128	-	191	even/odd (heads 2, 4 and 6 are inverted)
		192	-	255	top to bottom (heads 2 and 5 are inverted)
CH10	show mode (overwrites all other channels)	000	-	007	no movement
		008	-	022	show mode 1
		023	-	037	show mode 2
		038	-	052	show mode 3
		053	-	067	show mode 4
		068	-	082	show mode 5
		083	-	097	show mode 6
		098	-	112	show mode 7
		113	-	127	show mode 8
		128	-	142	show mode 9
		143	-	157	show mode 10
		158	-	172	show mode 11
		173	-	187	show mode 12
		188	-	202	show mode 13
		203	-	217	show mode 14
		218	-	232	show mode 15
233	-	247	show mode 16		
		248	-	255	sound control mode
CH11		000	-	255	show mode speed (slow to fast) / sound sensitivity

20-CH Mode					
CH1	master dimmer	000	-	255	dimmer 0-100%
CH2	strobe	000	-	010	no strobe
		011	-	255	slow to fast
CH3	first head	000	-	255	first head, tilt
Ch4		000	-	255	head speed, fast to slow
CH5		000	-	030	blackout
		031	-	255	first head, colour macro (see colour macro table)

CH6	second head	000	-	255	second head, tilt
Ch7		000	-	255	head speed, fast to slow
CH8		000	-	030	blackout
		031	-	255	second head, colour macro (see colour macro table)
CH9	third head	000	-	255	third head, tilt
Ch10		000	-	255	head speed, fast to slow
CH11		000	-	030	blackout
		031	-	255	third head, colour macro (see colour macro table)
CH12	fourth head	000	-	255	fourth head, tilt
CH11		000	-	255	head speed, fast to slow
CH14		000	-	030	blackout
		031	-	255	fourth head, colour macro (see colour macro table)
CH15	fifth head	000	-	255	fifth head, tilt
CH16		000	-	255	head speed, fast to slow
CH17		000	-	030	blackout
		031	-	255	fifth head, colour macro (see colour macro table)
CH18	sixth head	000	-	255	sixth head, tilt
CH19		000	-	255	head speed, fast to slow
CH20		000	-	030	blackout
		031	-	255	sixth head, colour macro (see colour macro table)

32-CH Mode					
CH1	master dimmer	000	-	255	dimmer 0-100%
CH2	strobe	000	-	010	no strobe
		011	-	255	slow to fast
CH3	first head	000	-	255	first head, tilt
CH4		000	-	255	first head, tilt fine
CH5		000	-	255	head speed, fast to slow
CH6		000	-	030	use CH29-CH32 to control colour
		031	-	255	first head, colour macro (see colour macro table)
CH7		second head	000	-	255
CH8	000		-	255	second head, tilt fine
CH9	000		-	255	head speed, fast to slow
CH10	000		-	030	use CH29-CH32 to control colour
	031		-	255	second head, colour macro (see colour macro table) (overwrites Ch29-32)
CH11	third head		000	-	255
CH12		000	-	255	third head, tilt fine
CH13		000	-	255	head speed, fast to slow
CH14		000	-	030	use CH29-CH32 to control colour
		031	-	255	third head, colour macro (see colour macro table) (overwrites Ch29-32)

CH15	fourth head	000	-	255	fourth head, tilt
CH16		000	-	255	fourth head, tilt fine
CH17		000	-	255	head speed, fast to slow
CH18		000	-	030	use CH29-CH32 to control colour
		031	-	255	fourth head, colour macro (see colour macro table) (overwrites Ch29-32)
CH19	fifth head	000	-	255	fifth head, tilt
CH20		000	-	255	fifth head, tilt fine
CH21		000	-	255	head speed, fast to slow
CH22		000	-	030	use CH29-CH32 to control colour
		031	-	255	fifth head, colour macro (see colour macro table) (overwrites Ch29-32)
CH23	sixth head	000	-	255	sixth head, tilt
CH24		000	-	255	sixth head, tilt fine
CH25		000	-	255	head speed, fast to slow
CH26		000	-	030	use CH29-CH32 to control colour
		031	-	255	sixth head, colour macro (see colour macro table) (overwrites Ch29-32)
CH27	auto mode / sound mode / reset (overwrites all other channels)	000	-	009	no function
		010	-	021	show mode 1
		022	-	033	show mode 2
		034	-	045	show mode 3
		046	-	057	show mode 4
		058	-	069	show mode 5
		070	-	081	show mode 6
		082	-	093	show mode 7
		094	-	105	show mode 8
		106	-	117	show mode 9
		118	-	129	show mode 10
		130	-	141	show mode 11
		142	-	153	show mode 12
		154	-	165	show mode 13
		166	-	177	show mode 14
		178	-	189	show mode 15
		190	-	201	show mode 16
		202	-	213	sound control mode
		214	-	244	no function
		245	-	249	reset
250	-	255	no function		
CH28		000	-	255	sound sensitivity in sound mode / speed in auto mode
CH29	master colour selection	000	-	255	red dimmer
CH30		000	-	255	green dimmer
CH31		000	-	255	blue dimmer
CH32		000	-	255	white dimmer

60-CH Mode						
CH1	mechanic control	000	-	255	tilt	Head 1
CH2		000	-	255	tilt fine	
CH3		000	-	255	head speed, fast to slow	
CH4	dimmer	000	-	255	dimmer, 0% - 100%	
CH5	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH6	colour selection	000	-	030	use CH07-CH10 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH7		000	-	255	red dimmer	
CH8		000	-	255	green dimmer	
CH9		000	-	255	blue dimmer	
CH10		000	-	255	white dimmer	
CH11	mechanic control	000	-	255	tilt	Head 2
CH12		000	-	255	tilt fine	
CH13		000	-	255	head speed, fast to slow	
CH14	dimmer	000	-	255	dimmer, 0% - 100%	
CH15	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH16	colour selection	000	-	030	use CH17-CH20 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH17		000	-	255	red dimmer	
CH18		000	-	255	green dimmer	
CH19		000	-	255	blue dimmer	
CH20		000	-	255	white dimmer	
CH21	mechanic control	000	-	255	tilt	Head 3
CH22		000	-	255	tilt fine	
CH23		000	-	255	head speed, fast to slow	
CH24	dimmer	000	-	255	dimmer, 0% - 100%	
CH25	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH26	colour selection	000	-	030	use CH27-CH30 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH27		000	-	255	red dimmer	
CH28		000	-	255	green dimmer	
CH29		000	-	255	blue dimmer	
CH30		000	-	255	white dimmer	

CH31	mechanic control	000	-	255	tilt	Head 4
CH32		000	-	255	tilt fine	
CH33		000	-	255	head speed, fast to slow	
CH34	dimmer	000	-	255	dimmer, 0% - 100%	
CH35	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH36	colour selection	000	-	030	use CH37-CH40 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH37		000	-	255	red dimmer	
CH38		000	-	255	green dimmer	
CH39		000	-	255	blue dimmer	
CH40		000	-	255	white dimmer	
CH41	mechanic control	000	-	255	tilt	Head 5
CH42		000	-	255	tilt fine	
CH43		000	-	255	head speed, fast to slow	
CH44	dimmer	000	-	255	dimmer, 0% - 100%	
CH45	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH46	colour selection	000	-	030	use CH47-CH50 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH47		000	-	255	red dimmer	
CH48		000	-	255	green dimmer	
CH49		000	-	255	blue dimmer	
CH50		000	-	255	white dimmer	
CH51	mechanic control	000	-	255	tilt	Head 6
CH52		000	-	255	tilt fine	
CH53		000	-	255	head speed, fast to slow	
CH54	dimmer	000	-	255	dimmer, 0% - 100%	
CH55	strobe	000	-	010	no-strobe	
		011	-	255	slow to fast	
CH56	colour selection	000	-	030	use CH57-CH60 to control colour	
		031	-	255	colour macro (see colour macro table)	
CH57		000	-	255	red dimmer	
CH58		000	-	255	green dimmer	
CH59		000	-	255	blue dimmer	
CH60		000	-	255	white dimmer	