

ADJ HYDRO HYBRID - DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
Basic 24CH	Standard 27CH	Extended 32CH		
1	1	1	0-255	Pan , Pan Movement (540/630)
	2	2	0-255	Pan Fine , Pan Fine
2	3	3	0-255	Tilt , Tilt Movement (270)
	4	4	0-255	Tilt Fine , Tilt Fine
3	5	5	0-255	Cyan , 0% to 100%
		6	0-255	Cyan Fine , 0% to 100%
4	6	7	0-255	Magenta , 0% to 100%
		8	0-255	Magenta Fine , 0% to 100%
5	7	9	0-255	Yellow , 0% to 100%
		10	0-255	Yellow Fine , 0% to 100%
6	8	11		Color
			0-4	Color (open)
			5-9	Red
			10-14	Blue
			15-19	Green
			20-24	Amber
			25-29	Orange
			30-34	Mint
			35-39	Pink
			40-44	Lavender
			45-49	Fucia
			50-54	UV
			55-59	2700K
			60-64	3200K
			65-69	4000K
			70-74	Open
			75-79	Open - Red
			80-84	Red
			85-89	Red - Blue
			90-94	Blue
			95-99	Blue - Green
			100-104	Green
			105-109	Green - Amber
			110-114	Amber
			115-119	Amber - Orange
			120-124	Orange
			125-129	Orange - Mint
			130-134	Mint
			135-139	Mint - Pink
			140-144	Pink
			145-149	Pink - Lavender
			150-154	Lavender
			155-159	Lavender - Fucia
			160-164	Fucia
			165-169	Fucia - UV
			170-174	UV
			175-179	UV - 2700K
			180-184	2700K
			185-189	2700K - 3200K
			190-194	3200K
			195-199	3200K - 4000K
			200-204	4000K
			205-209	4000K - Open
			210-212	Open
			213-232	Color Wheel rot. Fast-> Slow, CW
			233-235	Color Wheel rot. Stop
			236-255	Color Wheel rot. Slow-> Fast, CCW

DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
Basic 24CH	Standard 27CH	Extended 32CH		
7	9	12		Color Macros - CMY and Color Wheel
			0-31	OFF
			32-39	Macro1
			40-47	Macro2
			48-55	Macro3
			56-63	Macro4
			64-71	Macro5
			72-79	Macro6
			80-87	Macro7
			88-95	Macro8
			96-103	Macro9
			104-111	Macro10
			112-119	Macro11
			120-127	Macro12
			128-135	Macro13
			136-143	Macro14
			144-151	Macro15
			152-159	Macro16
			160-167	Macro17
			168-175	Macro18
			176-183	Macro19
			184-191	Macro20
			192-199	Macro21
			200-207	Macro22
			208-215	Macro23
			216-223	Macro24
			224-231	Macro25
			232-239	Macro26
			240-247	Macro27
			248-255	Random CMY
8	10	13		Gobo Wheel 1
			0-2	Beam Mode
			3-5	Spot Mode
			6-15	Gobo 1
			16-25	Gobo 2
			26-35	Gobo 3
			36-45	Gobo 4
			46-55	Gobo 5
			56-65	Gobo 6
			66-75	Gobo 7
			76-85	Gobo 8
			86-95	Gobo 9
			96-105	Gobo 1 shake (slow-fast)
			106-115	Gobo 2 shake (slow-fast)
			116-125	Gobo 3 shake (slow-fast)
			126-135	Gobo 4 shake (slow-fast)
			136-145	Gobo 5 shake (slow-fast)
			146-155	Gobo 6 shake (slow-fast)
			156-165	Gobo 7 shake (slow-fast)
			166-175	Gobo 8 shake (slow-fast)
			176-190	Gobo 9 shake (slow-fast)
			191-192	Open
			196-223	Gobo Wheel rot. Slow -> Fast, CW
			224-224	Gobo Wheel rot. Stop
			225-255	Gobo Wheel rot. Fast -> Slow, CCW

DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
Basic 24CH	Standard 27CH	Extended 32CH		
9	11	14		Gobo 1 Rotation
			0-5	Gobo1 Rot. Off
			6-128	Gobo Position 0° ... 540°
			129-191	Gobo Rotation, Slow -> Fast, CW
			192-192	Gobo Rotation Stop
			193-255	Gobo Rotation, Fast -> , CCW
10	12	15		Gobo Wheel 2 (Static)
			0-2	Open
			3-11	Gobo 1
			12-20	Gobo 2
			21-29	Gobo 3
			30-38	Gobo 4
			39-47	Gobo 5
			48-56	Gobo 6
			57-65	Gobo 7
			66-74	Gobo 8
			75-83	Gobo 9
			84-92	Gobo 10
			93-101	Gobo 11
			102-110	Gobo 12
			111-119	Gobo 13
			120-128	Gobo 14
			129-131	Open
			132-135	Gobo 1 shake (slow-fast)
			136-139	Gobo 2 shake (slow-fast)
			140-143	Gobo 3 shake (slow-fast)
			144-147	Gobo 4 shake (slow-fast)
			148-151	Gobo 5 shake (slow-fast)
			152-155	Gobo 6 shake (slow-fast)
			156-159	Gobo 7 shake (slow-fast)
			160-163	Gobo 8 shake (slow-fast)
			164-167	Gobo 9 shake (slow-fast)
			168-171	Gobo 10 shake (slow-fast)
			172-175	Gobo 11 shake (slow-fast)
			176-179	Gobo 12 shake (slow-fast)
			180-183	Gobo 13 shake (slow-fast)
			184-187	Gobo 14 shake (slow-fast)
			188-191	Open
			192-223	Gobo Wheel rot. Slow -> Fast, CW
			224-224	Gobo Wheel rot. Stop
			225-255	Gobo Wheel rot. Fast -> Slow, CCW
11	13	16		Shutter
			0-31	Shutter closed
			32-63	Shutter open
			64-95	Slow to fast strobe
			96-127	No action, shutter open
			128-159	Slow to fast pulse effect
			160-191	No action, shutter open
			192-223	Slow to fast random strobe
			224-255	No action, shutter open

DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
Basic 24CH	Standard 27CH	Extended 32CH		
12	14	17	0-255	Dimmer , Dimmer Intensity 0 to 100%
	15	18	0-255	Dimmer Fine , Dimmer Intensity Fine
13	16	19		Prism 1
			0-5	No Prism
			6-255	Prism on
14	17	20		Prism 1 Rotation
			0-5	Prism 1 Rot. Off
			6-128	Prism 1 Position 0 ... 540°
			129-191	Prism 1 Rotation, Slow -> Fast, CW
			192-192	Prism 1 Rotation Stop
			193-255	Prism 1 Rotation, Fast -> Slow, CCW
15	18	21		Prism 2
			0-5	No Prism
			6-255	Prism on
16	19	22		Prism 2 Rotation
			0-5	Prism 2 Rot. Off
			6-128	Prism 2 Position 0 ... 540°
			129-191	Prism 2 Rotation, Slow -> Fast, CW
			192-192	Prism 2 Rotation Stop
			193-255	Prism 2 Rotation, Fast -> Slow, CCW
17	20	23		Prism / Gobo Macros
			0-14	No Prism - Open
			15-29	Macro1
			30-44	Macro2
			45-59	Macro3
			60-74	Macro4
			75-89	Macro5
			90-104	Macro6
			105-119	Macro7
			120-134	Macro8
			135-149	Macro9
			150-164	Macro10
			165-179	Macro11
			180-194	Macro12
			195-209	Macro13
			210-224	Macro14
			225-239	Macro15
			240-255	Macro16
18	21	24	0-255	Focus , 0% to 100%
		25	0-255	Focus Fine , 0% to 100%
19	22	26	0-255	Zoom , Narrow to wide
		27	0-255	Zoom Fine , 16-bit Narrow to wide
20	23	28	0-255	Frost , 0% to 100%

DMX TRAITS

CHANNEL			DMX VALUES	FUNCTION
Basic 24CH	Standard 27CH	Extended 32CH		
21	24	29		Animation Index, Animation Rotation
			0-5	Open
			6-127	Animation indexing
			128-189	Clockwise animation rotation from fast to slow
			190-193	No rotation
22	25	30	194-255	Counter-clockwise animation rotation from slow to fast
			0-255	CMY / Color Macro Speed Max -> Min
23	26	31		Pan/Tilt Speed
			0-225	Pan/Tilt Fast -> Slow
			226-235	Blackout by Movement
			236-245	Blackout by all wheels changing
			246-255	No function
24	27	32		Special Functions
			0-89	No function
			90-99	Aria ON (Default) (Hold 3s)
			100-109	Aria OFF (Hold 5s)
			110-119	Lamp On (Hold 3s)
			120-129	Lamp Off (Hold 5s)
			130-139	Invert Pan on (Hold 3s)
			140-149	Invert Pan off (Hold 5s)
			150-159	Invert Tilt on (Hold 3s)
			160-169	Invert Tilt off (Hold 5s)
			170-179	Display Backlight ON (Hold 3s)
			180-189	Display Backlight OFF (Hold 5s)
			190-199	Hibernation Enable (Hold 3s)
			200-209	Hibernation OFF (Hold 5s)
			210-214	Color Reset (Hold 3s)
			215-219	Gobo Reset (Hold 3s)
			220-224	Focus and Zoom Reset (Hold 3s)
			225-229	Shutter Reset (Hold 3s)
			230-234	Reset Pan/Tilt (Hold 3s)
			235-239	Reset Head Only (Hold 3s)
			240-244	Reset Effects (Hold 3s)
			245-249	Reset All Functions (Hold 3s)
			250-255	No Function