

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
1	1	0-255	PAN Movement 8bit:		127
			0-255		
2	2	0-255	Pan Fine 16bit:		127
			0-255		
3	3	0-255	TILT Movement 8bit:		127
			Tilt Movement		
4	4	0-255	Tilt Fine 16bit:		127
			Fine control of Tilt movement		
5	5		Pan Motor continuous rotation:		
		0-63	stop rotation by spinout		
		64-127	stop rotation by shortcut		
		128-189	Forwards Pan rotation from fast to slow		
		190-193	No rotation		
194-255	Backwards Pan rotation from slow to fast				
6	6		Tilt Motor continuous		
		0-63	stop rotation by spinout		
		64-127	stop rotation by shortcut		
		128-189	Forwards Tilt rotation from fast to slow		
		190-193	No rotation		
194-255	Backwards Tilt rotation from slow to fast				
7	7	0-255	Cyan:		
			Cyan (0-100% Cyan)		
	8	0-255	Cyan Fine:		
			Cyan Fine		
8	9	0-255	Magenta:		
			Magenta (0-100% Magenta)		
	10	0-255	Magenta Fine:		
			Magenta Fine		
9	11	0-255	Yellow:		
			Yellow (0-100% Yellow)		
	12	0-255	Yellow Fine:		
			Yellow Fine		

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
10	13		Color Wheel:		
		0-2	Open		
		3-7	C1		
		8-12	C2		
		13-17	C3		
		18-22	C4		
		23-27	C5		
		28-32	C6		
		33-37	C7		
		38-42	C8		
		43-47	C9		
		48-52	C10		
		53-57	C11		
		58-62	C12		
		63-67	C13		
		68-72	C14		
		73-77	C15		
		78-82	C16		
		83-87	C17		
		88-92	C18		
		93-97	C19		
		98-102	C20		
		103-107	C21		
		108-112	C22		
		113-117	C23		
118-122	C24				
123-127	C25				
		128-189	Clockwise effect from fast to slow		
		190-193	No rotation		
		194-255	Counter-clockwise effect from slow to fast		
	14	0-255	Color Wheel Fine:		
			Fine Control of Color Wheel position		

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
11	15		Rotating Gobo		
		0-7	Open		
		8-14	Rot. gobo 1		
		15-21	Rot. gobo 2		
		22-28	Rot. gobo 3		
		29-35	Rot. gobo 4		
		36-42	Rot. gobo 5		
		43-49	Rot. gobo 6		
		50-56	Rot. Gobo 7		
		57-63	Rot. gobo 8		
		64-70	Rot. gobo 9		
		71-77	Rot. gobo 10		
		78-84	Rot. gobo 11		
		85-91	Rot. gobo 12		
		92-98	Rot. Gobo 13		
		99-105	Gobo 1 shake slow to fast		
		106-112	Gobo 2 shake slow to fast		
		113-119	Gobo 3 shake slow to fast		
		120-126	Gobo 4 shake slow to fast		
		127-133	Gobo 5 shake slow to fast		
		134-140	Gobo 6 shake slow to fast		
		141-147	Gobo 7 shake slow to fast		
		148-154	Gobo 8 shake slow to fast		
		155-161	Gobo 9 shake slow to fast		
		162-168	Gobo 10 shake slow to fast		
		169-175	Gobo 11 shake slow to fast		
176-182	Gobo 12 shake slow to fast				
183-189	Gobo 13 shake slow to fast				
190-221	Scroll CW fast to slow				
222-223	Stop				
224-255	Scroll CCW slow to fast				
12	16		Rotating Gobo Index, Rotation		
		0-127	Gobo indexing		
		128-189	Clockwise gobo scroll from fast to slow		
		190-193	No rotation		
194-255	Counter-clockwise gobo scroll from slow to fast				
13	17	0-255	Rotating gobo fine indexing:		
			Fine indexing		

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
14	18		Fixed gobos1		
		0-45	Open		
		46-48	Gobo 1		
		49-51	Gobo 2		
		52-54	Gobo 3		
		55-57	Gobo 4		
		58-60	Gobo 5		
		61-63	Gobo 6		
		64-66	Gobo 7		
		67-69	Gobo 8		
		70-72	Gobo 9		
		73-75	Gobo 10		
		76-78	Gobo 11		
		79-81	Gobo 12		
		82-84	Gobo 13		
		85-87	Gobo 14		
		88-90	Gobo 15		
		91-93	Gobo 16		
		94-96	Gobo 17		
		97-99	Gobo 18		
		100-102	Gobo 19		
		103-105	Gobo 20		
		106-108	Gobo 21		
		109-111	Gobo 22		
		112-114	Gobo 23		
		115-117	Gobo 24		
		118-120	Gobo 1 shake slow to fast		
		121-123	Gobo 2 shake slow to fast		
		124-126	Gobo 3 shake slow to fast		
		127-129	Gobo 4 shake slow to fast		
		130-132	Gobo 5 shake slow to fast		
		133-135	Gobo 6 shake slow to fast		
		136-138	Gobo 7 shake slow to fast		
		139-141	Gobo 8 shake slow to fast		
		142-144	Gobo 9 shake slow to fast		
		145-147	Gobo 10 shake slow to fast		
		148-150	Gobo 11 shake slow to fast		
		151-153	Gobo 12 shake slow to fast		
		154-156	Gobo 13 shake slow to fast		
		157-159	Gobo 14 shake slow to fast		
		160-162	Gobo 15 shake slow to fast		
163-165	Gobo 16 shake slow to fast				
166-168	Gobo 17 shake slow to fast				
169-171	Gobo 18 shake slow to fast				
172-174	Gobo 19 shake slow to fast				
175-177	Gobo 20 shake slow to fast				
178-180	Gobo 21 shake slow to fast				
181-183	Gobo 22 shake slow to fast				
184-186	Gobo 23 shake slow to fast				
187-189	Gobo 24 shake slow to fast				
190-221	Clockwise gobo scroll from fast to slow				
222-223	No rotation				
224-255	Counter-clockwise gobo scroll from slow to fast				

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
	19	0-255	Fixed gobo indexing Fine 1: Fine indexing		
15	20	0-19	Roating prism1、 2,Prism/Gobo macros: Open		
		20-73	Prism1		
		74-127	Prism2		
		128-255	reserve		
16	21	0-127	Rotating prism index,rotating gobo rotation1-2: Prism indexing		
		128-189	Clockwise prism rotation from fast to slow		
		190-193	No rotation		
		194-255	Counter-clockwise prism rotation from slow to fast		
	22	0-255	Rotating prism indexing Fine1-2: Fine indexing		
17	23	0-19	Roating prism,Prism3、 4/Gobo macros: Open		
		20-73	Prism3		
		74-127	Prism4		
		128-255	reserve		
18	24	0-127	Rotating prism index,rotating gobo rotation3-4: Prism indexing		
		128-189	Clockwise prism rotation from fast to slow		
		190-193	No rotation		
		194-255	Counter-clockwise prism rotation from slow to fast		
	25	0-255	Rotating prism indexing Fine3-4: Fine indexing		
19	26	0-255	Focus: Focus adjustment from small to big		127
20	27	0-255	Focus Fine: Focus adjustment Fine		127
21	28	0-31	Shutter, strobe: Shutter closed		50
		32-63	No function (shutter open)		
		64-95	Strobe effect slow to fast		
		96-127	No function (shutter open)		
		128-159	Pulse-effect in sequences		
		160-191	No function (shutter open)		
		192-223	Random strobe effect slow to fast		
		224-255	No function (shutter open)		

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
22	29	0-255	Dimmer:		
			Intensity 0 to 100%		
23	30	0-255	Dimmer Fine:		
			Dimmer fine		
24	31		Dim Modes (changes menu setting permanently)	0s	
		0-20	Standard		
		21-40	Stage		
		41-60	TV		
		61-80	Architectural		
		81-100	Theatre		
		101- 120	Stage 2		
			Dimmer Delay Time		
		121	0s		
		122	0.1s		
		123	0.2s		
		124	0.3s		
		125	0.4s		
		126	0.5s		
		127	0.6s		
		128	0.7s		
		129	0.8s		
		130	0.9s		
		131	1.0s		
		132	1.5s		
		133	2.0s		
		134	3.0s		
		135	4.0s		
		136	5.0s		
		137	6.0s		
		138	7.0s		
		139	8.0s		
		140	9.0s		
141	10s				
142 - 255	Idle				
25	32		Frost		
		0-127	Open Frost1		
		128-255	Open Frost2		

DMX TRAITS

Standard	Extended	Value	Function	Snap	Default Value
	33	0-255	Speed Of CMY & Colour macro Speed: Speed Max →Min		
	34		Colour macros - CMY and colour 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			
	35		Pan / Tilt Speed:		
		0-225	Max to min speed		
		226-235	Blackout by movement		
		236-245	Blackout by all wheel changing		
		246-255	No function		

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Standard	Extended	Value	Function	Snap	Default Value
26	36	0-79	Normal		
		80-84	All motor reset		
		85-87	Scan motor reset		
		88-90	Color motor reset		
		91-93	Gobo motor reset		
		94-96	Zoom motor reset		
		97-99	Others motor reset		
		100-172	Idle		
		173-174	Hibernation Off		
		175-176	Hibernation		
		177-178	Home Position Before Power Off		
		179-180	Home Position Off		
		181-190	Pan Tilt Smooth (default)		
		191-200	Pan Tilt Fast		
		201-210	Dimmer Curve Linear (default)		
		211-220	Dimmer Curve Square		
		221-230	Dimmer Curve Inverse Square		
		231-240	Dimmer Curve S-Curve		
		241	Internal program 1		
		242	Internal program 2		
		243	Internal program 3		
		244	Internal program 4		
		245	Internal program 5		
		246	Internal program 6		
		247	Internal program 7		
		248-249	Idle		
		250-251	Display off		
		252-253	Display on		
254-255	Idle				