

DMX CHANNEL FUNCTIONS AND VALUES

ELATION ARTISTE REMBRANDT™ DMX Channel Values / Functions

Supports Software Versions: ≥ 1.5.0

Features subject to change without notice.

*Rotation direction (Clockwise/Counterclockwise) and control of effects depends on head orientation and Pan/Tilt settings.

Standard	Extended	Value	Function	Hold Time	Default	Snap
1	1		PAN Movement 8bit:		127	
		0-255	Pan Movement			
2	2		Pan Fine 16bit:		127	
		0-255	Fine control of Pan movement			
3	3		TILT Movement 8bit:		127	
		0-255	Tilt Movement			
4	4		Tilt Fine 16bit:		127	
		0-255	Fine control of Tilt movement			
5	5		Cyan:		0	
		0-255	Cyan (0-100% Cyan)			
	6		Cyan Fine:		0	
		0-255	Cyan Fine			
6	7		Magenta:		0	
		0-255	Magenta (0-100% Magenta)			
	8		Magenta Fine:		0	
		0-255	Magenta Fine			
7	9		Yellow:		0	
		0-255	Yellow (0-100% Yellow)			
	10		Yellow Fine:		0	
		0-255	Yellow Fine			
8	11		CTO:		0	
		0-255	CTO (0-100% CTO)			
	12		CTO Fine:		0	
		0-255	CTO Fine			
9	13		Pure Red:		0	
		0-255	Red (0-100% Red)			
	14		Pure Red Fine:		0	
		0-255	Red Fine			
10	15		Pure Green:		0	
		0-255	Green (0-100% Green)			
	16		Pure Green Fine:		0	
		0-255	Green Fine			
11	17		Pure Blue:		0	
		0-255	Blue (0-100% Blue)			
	18		Pure Blue Fine:		0	
		0-255	Blue Fine			

Standard	Extended	Value	Function	Hold Time	Default	Snap
12	19		Color Wheel:		0	X
		0-15	Open			
		20-37	Red			
		38-55	Green			
		56-73	UV			
		74-91	HCRI			
		92-109	Amber			
		110-127	Medium Blue			
		128-189	Clockwise effect from fast to slow			
		190-193	No rotation			
	194-255	Counter-clockwise effect from slow to fast				
	20		Color Wheel Fine:		0	X
		0-255	Fine Control of Color Wheel position			
13	21		Focus:		0	
		0-10	Optimize Zoom (default)			
		11-255	Focus edge adjustment			
14	22		Focus Fine:		0	
		0-255	Focus adjustment Fine			
15	23		Zoom:		117	
		0-20	Zoom Overdrive small to large			
		21-255	Zoom small to large			
16	24		Zoom Fine:		127	
		0-255	Zoom adjustment Fine			
17	25		Shutter, strobe:		50	X
		0-31	Shutter closed			
		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)					
18	26		Dimmer:		0	
		0-255	Intensity 0 to 100%			
19	27		Dimmer Fine:		0	
		0-255	Dimmer fine			

Standard	Extended	Value	Function	Hold Time	Default	Snap
	28		Dim Modes	0s	0	X
		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					
20	29		Iris:		0	
		0-191	Max. diameter to Min. diameter			
		192-223	Pulse opening fast to slow			
		224-255	Pulse closing slow to fast			
	30		Iris Fine:		0	
		0-255	Iris Fine			
21	31		Frost:		0	
		0-127	Open to Medium Frost			
		128-255	Open to Heavy Frost			
22	32		Animation wheel1:		0	
		0-7	Open			
		8-255	Animation min. to max.			
23	33		Animation Index, Animation rotation 1:		0	
		0-127	Animation indexing			
		128-189	Clockwise animation rotation from fast to slow			
		190-193	No rotation			
		194-255	Counter-clockwise animation rotation from slow to fast			

Standard	Extended	Value	Function	Hold Time	Default	Snap
24	34		Animation wheel2:		0	
		0-7	Open			
		8-255	Animation min. to max.			
25	35		Animation index, animation rotation2:		0	
		0-127	Animation indexing			
		128-189	Clockwise animation rotation from fast to slow			
		190-193	No rotation			
		194-255	Counter-clockwise animation rotation from slow to fast			
	36		Speed Of CMY & Color macro Speed:		0	
		0-255	Speed Max →Min			
	37		Color macros - CMY and color wheel:		0	X
		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					

Standard	Extended	Value	Function	Hold Time	Default	Snap
26	38		Blade 1A		0	
		0-255	Open to Close			
	39		Blade 1A Fine		0	
		0-255	Open to Close Fine			
27	40		Blade 1B		0	
		0-255	Open to Close			
	41		Blade 1B Fine		0	
		0-255	Open to Close Fine			
28	42		Blade 2A		0	
		0-255	Open to Close			
	43		Blade 2A Fine		0	
		0-255	Open to Close Fine			
29	44		Blade 2B		0	
		0-255	Open to Close			
	45		Blade 2B Fine		0	
		0-255	Open to Close Fine			
30	46		Blade 3A		0	
		0-255	Open to Close			
	47		Blade 3A Fine		0	
		0-255	Open to Close Fine			
31	48		Blade 3B		0	
		0-255	Open to Close			
	49		Blade 3B Fine		0	
		0-255	Open to Close Fine			
32	50		Blade 4A		0	
		0-255	Open to Close			
	51		Blade 4A Fine		0	
		0-255	Open to Close Fine			
33	52		Blade 4B		0	
		0-255	Open to Close			
	53		Blade 4B Fine		0	
		0-255	Open to Close Fine			
34	54		Framing Index / Rotation:		127	
		0-127	Index (0-360 degrees)			
		128-189	CW rotation from fast to slow			
		190-193	No rotation			
		194-255	CCW rotation from fast to slow			
	55		Framing Rotation Fine:		127	
		0-255	Framing Rotation Fine			
	56		Framing Speed:		0	
		0-255	Speed Max →Min			

Standard	Extended	Value	Function	Hold Time	Default	Snap	
	57		Framing Macro:				
		0-7	OFF				
		8-15	Macro1				
		16-23	Macro2				
		24-31	Macro3				
		32-39	Macro4				
		40-47	Macro5				
		48-55	Macro6				
		56-63	Macro7				
		64-71	Macro8				
		72-79	Macro9				
		80-87	Macro10				
		88-95	Macro11				
		96-103	Macro12				
		104-111	Macro13				
		112-119	Macro14				
		120-127	Macro15			0	X
		128-135	Macro16				
		136-143	Macro17				
		144-151	Macro18				
		152-159	Macro19				
		160-167	Macro20				
		168-175	Macro21				
		176-183	Macro22				
		184-191	Macro23				
		192-199	Macro24				
		200-207	Macro25				
		208-215	Macro26				
		216-223	Macro27				
		224-231	Macro28				
		232-239	Macro29				
	240-247	Macro30					
	248-255	Macro31					
	58		Pan / Tilt Speed:				
		0-225	Max to min speed				
		226-235	Blackout by movement			0	X
		236-245	Blackout by all wheel changing				
		246-255	No function				

Standard	Extended	Value	Function	Hold Time	Default	Snap	
35	59		Control:	0s	0	X	
		0-19	Color change normal				
		20-29	Color change to any position				
		30-39	Color & gobo change to any position	3s			
		40-44	Low Noise - Mute				
		45-49	Low Noise - Studio				
		50-59	Fan Control - Low				
		60-69	Fan Control - High				
		70-79	Fan Control - Auto (Default)				
		80-84	All motor reset				
		85-87	Pan / Tilt reset				
		88-90	Color reset				
		91-93	Idle				
		94-96	Focus and Zoom reset				
		97-99	Other motor reset				
		100-168	Refresh Rate (Hz)				1s
		100	900				
		101	910				
		102	920				
		103	930				
		104	940				
		105	950				
		106	960				
		107	970				
		108	980				
		109	990				
		110	1000				
		111	1010				
		112	1020				
		113	1030				
		114	1040				
		115	1050				
116	1060						
117	1070						
118	1080						
119	1090						
120	1100						
121	1110						
122	1120						

Standard	Extended	Value	Function	Hold Time	Default	Snap
35	59	123	1130	1s	0	X
		124	1140			
		125	1150			
		126	1160			
		127	1170			
		128	1180			
		129	1190			
		130	1200			
		131	1210			
		132	1220			
		133	1230			
		134	1240			
		135	1250			
		136	1260			
		137	1270			
		138	1280			
		139	1290			
		140	1300			
		141	1310			
		142	1320			
		143	1330			
		144	1340			
		145	1350			
		146	1360			
		147	1370			
		148	1380			
		149	1390			
		150	1400			
		151	1410			
		152	1420			
		153	1430			
		154	1440			
		155	1450			
		156	1460			
		157	1470			
		158	1480			
		159	1490			
		160	1500			

Standard	Extended	Value	Function	Hold Time	Default	Snap
35	59	161	2500	1s	0	X
		162	4000			
		163	5000			
		164	6000			
		165	10000			
		166	15000			
		167	20000			
		168	25000			
		169-170	Focus Tracking Fresnel (default)	1s	0	X
		171-172	Focus Tracking PC			
		173-176	Idle			
		177-178	Hibernation OFF			
		179-180	Hibernation ON			
		181-190	Smooth mode(Pan/Tilt break)(default)			
		191-200	Fast mode(Pan/Tilt break)			
		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 (scene1~8 of EEPROM)			
		242	Internal program 2 (scene9~16 of EEPROM)			
		243	Internal program 3 (scene17~24 of EEPROM)			
		244	Internal program 4 (scene25~32 of EEPROM)			
		245	Internal program 5 (scene33~40 of EEPROM)			
		246	Internal program 6 (scene41~48 of EEPROM)			
		247	Internal program 7 (scene49~56 of EEPROM)			
		248-249	CMY Normal			
		250-251	CMY Fast (default)			
252-255	Idle					