

ELATION ARTISTE PICASSO™
DMX Channel Values / Functions (62 DMX Channels)

Supports Software Versions: ≥ 1.1.2

Features are subject to change without any prior written notice.

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

MODE / CHANNEL		VALUE	FUNCTION
STANDARD	EXTENDED		
1	1		PAN MOVEMENT
		0-255	PAN Movement
2	2		PAN FINE MOVEMENT [16 BIT]
		0-255	Fine Control of PAN Movement
3	3		TILT MOVEMENT
		0-255	TILT Movement
4	4		TILT MOVEMENT [16 BIT]
		0-255	Fine Control of TILT Movement
5	5		CYAN COLOR
		0-255	0-WHITE ~ 255-100% CYAN
	6		CYAN COLOR FINE [16 BIT]
		0-255	CYAN FINE Adjustment
6	7		MAGENTA COLOR
		0-255	0-WHITE ~ 255-100% MAGENTA
	8		MAGENTA COLOR FINE [16 BIT]
		0-255	MAGENTA FINE Adjustment
7	9		YELLOW COLOR
		0-255	0-WHITE ~ 255-100% YELLOW
	10		YELLOW COLOR FINE [16 BIT]
		0-255	YELLOW FINE Adjustment
8	11		CTO COLOR
		0-255	0-WHITE ~ 255-100% CTO
	12		CTO COLOR FINE [16 BIT]
		0-255	CTO FINE Adjustment
9	13		COLOR WHEEL
		0-19	OPEN / WHITE
		20-37	RED - [RGB = 255, 0, 0]
		38-55	GREEN - [RGB = 0,255, 0]
		56-73	HIGH CRI - [RGB = 202, 217, 247]
		74-91	ORANGE - [RGB = 255, 102, 0]
		92-109	MINUS GREEN - [RGB = 163, 180, 217]
		110-127	BLUE - [RGB = 17, 61, 237]
		128-189	*Clockwise COLOR Rotation from FAST to SLOW
		190-193	NO Rotation
194-255	*Counter-Clockwise COLOR Rotation from SLOW to FAST		
	14		COLOR WHEEL FINE ADJUSTMENT [16 BIT]
		0-255	FINE Adjustment of Color Wheel to Any Position

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STANDARD	EXTENDED		
10	15		ROTATING GOBOS, CONTINUOUS ROTATION [GOBO WHEEL 1]
		0-9	OPEN
		10-19	Rotating Gobo 1
		20-29	Rotating Gobo 2
		30-39	Rotating Gobo 3
		40-49	Rotating Gobo 4
		50-59	Rotating Gobo 5
		60-69	Rotating Gobo 6
		70-77	Rotating Gobo 7
		78-93	Gobo 1 Shake SLOW to FAST
		94-109	Gobo 2 Shake SLOW to FAST
		110-125	Gobo 3 Shake SLOW to FAST
		126-141	Gobo 4 Shake SLOW to FAST
		142-157	Gobo 5 Shake SLOW to FAST
		158-173	Gobo 6 Shake SLOW to FAST
		174-189	Gobo 7 Shake SLOW to FAST
		190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
222-223	NO Rotation		
224-255	*Counter-Clockwise Gobo Wheel Rotation from SLOW to FAST		
11	16		ROTATING GOBOS, INDEX ROTATION [GOBO WHEEL 1]
		0-127	Gobo Indexing
		128-189	*Clockwise Gobo Rotation from FAST TO SLOW
		190-193	NO Rotation
194-255	*Counter-Clockwise Gobo Rotation from SLOW to FAST		
12	17		ROTATING GOBOS, FINE INDEX ROTATION [GOBO WHEEL 1] [16 BIT]
		0-255	Gobo Rotation FINE Indexing
13	18		STATIC / FIXED GOBOS [GOBO WHEEL 2]
		0-9	OPEN
		10-19	Static / Fixed Gobo 1
		20-29	Static / Fixed Gobo 2
		30-39	Static / Fixed Gobo 3
		40-49	Static / Fixed Gobo 4
		50-59	Static / Fixed Gobo 5
		60-69	Static / Fixed Gobo 6
		70-77	Static / Fixed Gobo 7
		78-93	Shake SLOW to FAST Static / Fixed Gobo 1
		94-109	Shake SLOW to FAST Static / Fixed Gobo 2
		110-125	Shake SLOW to FAST Static / Fixed Gobo 3
		126-141	Shake SLOW to FAST Static / Fixed Gobo 4
		142-157	Shake SLOW to FAST Static / Fixed Gobo 5
		158-173	Shake SLOW to FAST Static / Fixed Gobo 6
		174-189	Shake SLOW to FAST Static / Fixed Gobo 7
		190-221	*Clockwise Gobo Wheel Rotation from FAST to SLOW
222-223	NO		
224-255	*Counter-Clockwise Gobo Wheel Rotation from SLOW to FAST		

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STANDARD	EXTENDED		
	19		STATIC / FIXED GOBOS, FINE INDEX ROTATION [GOBO WHEEL 2] [16 BIT]
		0-255	Gobo Rotation FINE Indexing
14	20		ROTATING PRISM, PRISM / GOBO MACROS
		0-63	OPEN
		64-95	PRISM 1
		96-127	PRISM 2
		128-135	Prism / Gobo Macro 1
		136-143	Prism / Gobo Macro 2
		144-151	Prism / Gobo Macro 3
		152-159	Prism / Gobo Macro 4
		160-167	Prism / Gobo Macro 5
		168-175	Prism / Gobo Macro 6
		176-183	Prism / Gobo Macro 7
		184-191	Prism / Gobo Macro 8
		192--199	Prism / Gobo Macro 9
		200-207	Prism / Gobo Macro 10
		208-215	Prism / Gobo Macro 11
		216-223	Prism / Gobo Macro 12
		224-231	Prism / Gobo Macro 13
232-239	Prism / Gobo Macro 14		
240-247	Prism / Gobo Macro 15		
248-255	Prism / Gobo Macro 16		
15	21		ROTATING PRISM #1, PRISM #1 INDEX ROTATION
		0-127	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		ROTATING PRISM #1, PRISM #1 FINE INDEX ROTATION [16 BIT]
		0-255	Gobo Rotation FINE Indexing
16	23		ROTATING PRISM #2, PRISM #2 INDEX ROTATION
		0-127	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
	24		ROTATING PRISM #2, PRISM #2 FINE INDEX ROTATION [16 BIT]
		0-255	Gobo Rotation FINE Indexing
17	25		FOCUS
		0-255	Continuous Adjustment from NEAR to FAR
18	26		FOCUS FINE [16 BIT]
		0-255	Continuous FINE Focus Adjustment
19	27		MOTORIZED ZOOM
		0-255	ZOOM Adjustment from SMALL to BIG
	28		MOTORIZED ZOOM FINE [16 BIT]
0-255		ZOOM FINE Adjustment	

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STANDARD	EXTENDED		
			AUTO FOCUS
	29	0-50	AUTO FOCUS OFF
		51-100	16.4 ft (5m)
		101-150	24.6 ft (7.5m)
		151-200	32.8 ft (10m)
		201-255	49.2 ft (15m)
			AUTO FOCUS FINE
	30	0-255	Continuous FINE Focus Adjustment
			SHUTTER, STROBE
20	31	0-31	Shutter CLOSED
		32-63	NO Function (Shutter OPEN)
		64-95	Strobe Effect SLOW to FAST
		96-127	NOfunction (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)
			DIMMER INTENSITY
21	32	0-255	Intensity 0 to 100%
			DIMMER INTENSITY FINE [16 BIT]
22	33	0-255	Intensity 0 to 100%
			DIMMER CURVE MODES
23	34	0-20	STANDARD
		21-40	STAGE
		41-60	TV
		61-80	ARCHITECTURAL
		81-100	THEATER
		101-255	DEFAULT to FIXTURE DIMMER CURVE SETTING
			IRIS
24	35	0-191	MAX to MIN Diameter
		192-223	Pulse Opening FAST to SLOW
		224-255	Pulse Closing SLOW to FAST
			IRIS FINE
	36	0-255	Iris FINE Adjustment
			FROST
25	37	0-50	OPEN
		51-100	100% FROST 1
		101-255	100% FROST 2
			ANIMATION WHEEL
26	38	0-7	OPEN
		8-127	*Clockwise Animation Wheel Rotation from FAST to SLOW
		128-135	NO Rotation
		136-255	*Counter-Clockwise Animation Wheel Rotation from SLOW to FAST

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MODE / CHANNEL		VALUE	FUNCTION
STANDARD	EXTENDED		
	39		CMY / COLOR MACRO SPEED
		0-255	MAX to MIN Speed
			CMY / COLOR MACROS
		0-31	OFF
		32-39	Macro 1
		40-47	Macro 2
		48-55	Macro 3
		56-63	Macro 4
		64-71	Macro 5
		72-79	Macro 6
		80-87	Macro 7
		88-95	Macro 8
		96-103	Macro 9
		104-111	Macro 10
		112-119	Macro 11
		120-127	Macro 12
		128-135	Macro 13
		136-143	Macro 14
		144-151	Macro 15
		152-159	Macro 16
		160-167	Macro 17
		168-175	Macro 18
		176-183	Macro 19
		184-191	Macro 20
		192-199	Macro 21
		200-207	Macro 22
		208-215	Macro 23
		216-223	Macro 24
		224-231	Macro 25
		232-239	Macro 26
		240-247	Macro 27
		248-255	RANDOM CMY

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MODE / CHANNEL		VALUE	FUNCTION
STANDARD	EXTENDED		
27	41		BLADE 1A
		0-255	Open to Close
	42		BLADE 1A Fine
		0-255	Open to Close Fine
28	43		BLADE 1B
		0-255	Open to Close
	44		BLADE 1B Fine
		0-255	Open to Close Fine
29	45		BLADE 2A
		0-255	Open to Close
	46		BLADE 2A Fine
		0-255	Open to Close Fine
30	47		BLADE 2B
		0-255	Open to Close
	48		BLADE 2B Fine
		0-255	Open to Close Fine
31	49		BLADE 3A
		0-255	Open to Close
	50		BLADE 3A Fine
		0-255	Open to Close Fine
32	51		BLADE 3B
		0-255	Open to Close
	52		BLADE 3B Fine
		0-255	Open to Close Fine
33	53		BLADE 4A
		0-255	Open to Close
	54		BLADE 4A Fine
		0-255	Open to Close Fine
34	55		BLADE 4B
		0-255	Open to Close
	56		BLADE 4B Fine
		0-255	Open to Close Fine
35	57		ALL BLADE Rotation
		0-255	All Blade Rotation
	58		ALL BLADE Rotation Fine
		0-255	All Blade Rotation Fine
	59		BLADE Speed
		0-255	Speed MAX to MIN

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STANDARD	EXTENDED		
			BLADE MACROS
		0-7	OFF
		8-15	Macro 01
		16-23	Macro 02
		24-31	Macro 03
		32-39	Macro 04
		40-47	Macro 05
		48-55	Macro 06
		56-63	Macro 07
		64-71	Macro 08
		72-79	Macro 09
		80-87	Macro 10
		88-95	Macro 11
		96-103	Macro 12
		104-111	Macro 13
		112-119	Macro 14
	60	120-127	Macro 15
		128-135	Macro 16
		136-143	Macro 17
		144-151	Macro 18
		152-159	Macro 19
		160-167	Macro 20
		168-175	Macro 21
		176-183	Macro 22
		184-191	Macro 23
		192-199	Macro 24
		200-207	Macro 25
		208-215	Macro 26
		216-223	Macro 27
		224-231	Macro 28
		232-239	Macro 29
		240-247	Macro 30
		248-255	Macro 31
			PAN / TILT MOVEMENT SPEED
		0-225	MAX to MIN Speed
	61	226-235	Blackout by Movement
		236-245	Blackout by ALL Wheel Movement
		246-255	NO FUNCTION

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MODE / CHANNEL		VALUE	FUNCTION
STANDARD	EXTENDED		
36	62		LAMP ON/OFF, RESET, LED REFRESH RATES, INTERNAL PROGRAMS
		0-19	COOR & GOBO Change Normal
		20-29	COLOR Change to Any Position
		30-39	COLOR & GOBO Change to Any Position
		40-59	ENABLE Studio Mode
		60-79	DISABLE Studio Mode
		80-84	All MOTORS Reset
		85-87	SCAN MOTORS Reset
		88-90	COLOR MOTORS Reset
		91-93	GOBO MOTORS Reset
		94-96	FOCUS & ZOOM MOTORS Reset
		97-99	OTHER MOTORS Reset
		100	900 Hz LED Refresh Rate
		101	910 Hz LED Refresh Rate
		102	920 Hz LED Refresh Rate
		103	930 Hz LED Refresh Rate
		104	940 Hz LED Refresh Rate
		105	950 Hz LED Refresh Rate
		106	960 Hz LED Refresh Rate
		107	970 Hz LED Refresh Rate
		108	980 Hz LED Refresh Rate
		109	990 Hz LED Refresh Rate
		110	1000 Hz LED Refresh Rate
		111	1010 Hz LED Refresh Rate
		112	1020 Hz LED Refresh Rate
		113	1030 Hz LED Refresh Rate
		114	1040 Hz LED Refresh Rate
		115	1050 Hz LED Refresh Rate
		116	1060 Hz LED Refresh Rate
		117	1070 Hz LED Refresh Rate
118	1080 Hz LED Refresh Rate		
119	1090 Hz LED Refresh Rate		
120	1100 Hz LED Refresh Rate		
121	1110 Hz LED Refresh Rate		
122	1120 Hz LED Refresh Rate		
123	1130 Hz LED Refresh Rate		
124	1140 Hz LED Refresh Rate		
125	1150 Hz LED Refresh Rate		
126	1160 Hz LED Refresh Rate		
127	1170 Hz LED Refresh Rate		
128	1180 Hz LED Refresh Rate		
129	1190 Hz LED Refresh Rate		

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MODE / CHANNEL		VALUE	FUNCTION
STANDARD	EXTENDED		
			LAMP ON/OFF, RESET, LED REFRESH RATES, INTERNAL PROGRAMS
36	62	130	1200 Hz LED Refresh Rate
		131	1210 Hz LED Refresh Rate
		132	1220 Hz LED Refresh Rate
		133	1230 Hz LED Refresh Rate
		134	1240 Hz LED Refresh Rate
		135	1250 Hz LED Refresh Rate
		136	1260 Hz LED Refresh Rate
		137	1270 Hz LED Refresh Rate
		138	1280 Hz LED Refresh Rate
		139	1290 Hz LED Refresh Rate
		140	1300 Hz LED Refresh Rate
		141	1310 Hz LED Refresh Rate
		142	1320 Hz LED Refresh Rate
		143	1330 Hz LED Refresh Rate
		144	1340 Hz LED Refresh Rate
		145	1350 Hz LED Refresh Rate
		146	1360 Hz LED Refresh Rate
		147	1370 Hz LED Refresh Rate
		148	1380 Hz LED Refresh Rate
		149	1390 Hz LED Refresh Rate
		150	1400 Hz LED Refresh Rate
		151	1410 Hz LED Refresh Rate
		152	1420 Hz LED Refresh Rate
		153	1430 Hz LED Refresh Rate
		154	1440 Hz LED Refresh Rate
		155	1450 Hz LED Refresh Rate
		156	1460 Hz LED Refresh Rate
		157	1470 Hz LED Refresh Rate
		158	1480 Hz LED Refresh Rate
		159	1490 Hz LED Refresh Rate
		160	1500 Hz LED Refresh Rate
		161	2500 Hz LED Refresh Rate
		162	4000 Hz LED Refresh Rate
		163	5000 Hz LED Refresh Rate
		164	6000 Hz LED Refresh Rate
165	10,000 Hz LED Refresh Rate		
166	15,000 Hz LED Refresh Rate		
167	20,000 Hz LED Refresh Rate		
168	25,000 Hz LED Refresh Rate		

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STANDARD	EXTENDED		
			LAMP ON/OFF, RESET, LED REFRESH RATES, INTERNAL PROGRAMS
36	62	169-200	RESERVED
		201	INTERNAL PROGRAM 1
		202	INTERNAL PROGRAM 2
		203	INTERNAL PROGRAM 3
		204	INTERNAL PROGRAM 4
		205	INTERNAL PROGRAM 5
		206	INTERNAL PROGRAM 6
		207	INTERNAL PROGRAM 7
		208-255	RESERVED
		140-159	INTERNAL PROGRAM 3
		160-179	INTERNAL PROGRAM 4
		180-199	INTERNAL PROGRAM 5
		200-219	INTERNAL PROGRAM 6
		220-239	INTERNAL PROGRAM 7
		240-255	RESERVED

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