

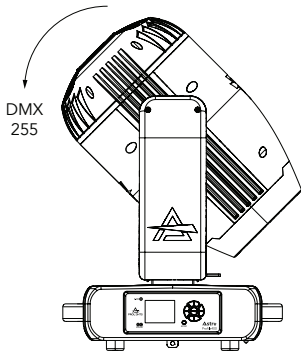
DMX CHARTS

RDM Personality ID List

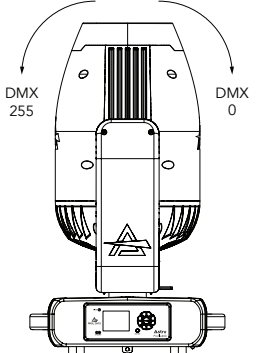
ID	Mode	DMX Footprint	RDM Model ID
1	BASIC	29	0xA017
2	STANDARD	39	
3	EXTENDED	54	

PAN/TILT VALUES

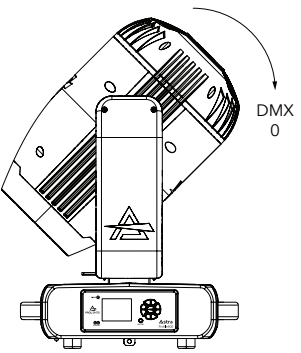
Pan = 128
Tilt = 0



Pan = 128
Tilt = 128

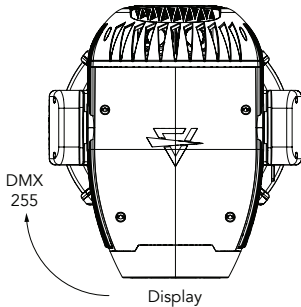


Pan = 128
Tilt = 255

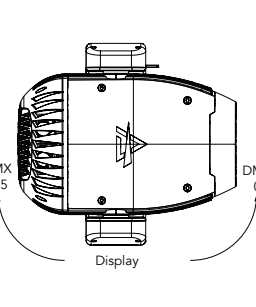


Tilt movement range: 270°
Pan movement range: 540

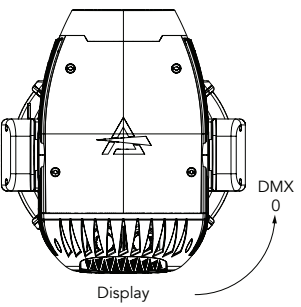
Pan = 0
Tilt = 80



Pan = 128
Tilt = 80



Pan = 255
Tilt = 80



DMX Chart Summary

Channel	Basic	Standard	Extended
1	Pan	Pan	Pan
2	Tilt	Pan fine	Pan fine
3	Dimmer	Tilt	Tilt
4	Shutter	Tilt fine	Tilt fine
5	Cyan	Dimmer	Dimmer
6	Magenta	Dimmer Fine	Dimmer Fine
7	Yellow	Shutter	Shutter
8	CTO	Cyan	Cyan
9	Color Wheel	Magenta	Cyan Fine
10	Rot Gobo	Yellow	Magenta
11	Gobo Rot	CTO	Magenta Fine
12	4f Prism	Color Wheel	Yellow
13	4f Prism Rotation	Rot Gobo	Yellow Fine
14	Frost	Gobo Rot	CTO
15	Iris	Gobo Rot Fine	CTO Fine
16	Zoom	4f Prism	Color Wheel
17	Focus	4f Prism Rotation	Rot Gobo
18	Animation Insertion	4f Prism Rot. Fine	Gobo Rot
19	Animation Rotation	Frost	Gobo Rot Fine
20	Blade 1 position	Iris	4f Prism
21	Blade 1 rotation	Zoom	4f Prism Rotation
22	Blade 2 position	Zoom Fine	4f Prism Rot. Fine
23	Blade 2 rotation	Focus	Frost
24	Blade 3 position	Focus Fine	Frost Fine
25	Blade 3 rotation	Animation Insertion	Iris
26	Blade 4 position	Animation Rotation	Iris Fine
27	Blade 4 rotation	Animation Rot. Fine	Zoom
28	Frame Rotation	Blade 1 position	Zoom Fine
29	Control	Blade 1 rotation	Focus
30		Blade 2 position	Focus Fine
31		Blade 2 rotation	Animation Insertion
32		Blade 3 position	Animation Rotation
33		Blade 3 rotation	Animation Rot. Fine
34		Blade 4 position	Blade 1 position
35		Blade 4 rotation	Blade 1 position fine

DMX Chart Summary

Channel	Basic	Standard	Extended
36		Frame rotation	Blade 1 rotation
37		Frame macros	Blade 1 rotation fine
38		Frame macros speed	Blade 2 position
39		Control	Blade 2 position fine
40			Blade 2 rotation
41			Blade 2 rotation fine
42			Blade 3 position
43			Blade 3 position fine
44			Blade 3 rotation
45			Blade 3 rotation fine
46			Blade 4 position
47			Blade 4 position fine
48			Blade 4 rotation
49			Blade 4 rotation fine
50			Frame rotation
51			Frame rotation fine
52			Frame macros
53			Frame macros speed
54			Control

BAS	STD	EXT	Function	DMX Value	Default
1	1	1	PAN Lineary from 0% to 100%	000 ÷ 255	128
	2	2	PAN FINE	000 ÷ 255	128
2	3	3	TILT Lineary from 0% to 100%	000 ÷ 255	128
	4	4	TILT FINE	000 ÷ 255	128
3	5	5	DIMMER Lineary from 0% to 100%	000 ÷ 255	000
	6	6	DIMMER FINE	000 ÷ 255	000
4	7	7	SHUTTER Close Strobe from slow to fast Open Pulse in from slow to fast Open Pulse out from slow to fast Open Random from slow to fast Open	000 ÷ 001 002 ÷ 062 063 ÷ 064 065 ÷ 125 126 ÷ 127 128 ÷ 188 189 ÷ 190 191 ÷ 251 252 ÷ 255	255
5	8	8	CYAN Linear insertion from 0% to 100%	000 ÷ 255	000
		9	CYAN FINE	000 ÷ 255	000
6	9	10	MAGENTA Linear insertion from 0% to 100%	000 ÷ 255	000
		11	MAGENTA FINE	000 ÷ 255	000
7	10	12	YELLOW Linear insertion from 0% to 100%	000 ÷ 255	000
		13	YELLOW FINE	000 ÷ 255	000
8	11	14	CTO Linear insertion from 0% to 100%	000 ÷ 255	000
		15	CTO FINE	000 ÷ 255	000
9	12	16	COLOR WHEEL 1 Indexed Open Open + 5600K High CRI 5600K High CRI 5600K High CRI + Bright Red Bright Red Bright Red + Deeper Blue Deeper Blue Deeper Blue + Forest Green Forest Green Forest Green + Deep Orange Deep Orange Deep Orange + Magenta Magenta Magenta + Congo Blue Congo Blue Congo Blue + Medium Blue Green Medium Blue Green Medium Blue Green + Open Forward Spin From fast to slow Stop Stop Reverse Spin From slow to fast	0 ÷ 8 9 ÷ 15 16 ÷ 22 23 ÷ 29 30 ÷ 36 37 ÷ 43 44 ÷ 50 51 ÷ 57 58 ÷ 64 65 ÷ 71 72 ÷ 78 79 ÷ 85 86 ÷ 92 93 ÷ 99 100 ÷ 106 107 ÷ 113 114 ÷ 120 121 ÷ 127 128 ÷ 190 191 ÷ 192 193 ÷ 255	0

BAS	STD	EXT	Function	DMX Value	Default
10	13	17	ROT GOBO Indexed Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Forward Spin From fast to slow Stop Stop Reverse Spin From slow to fast Shake Gobo 1 from slow to fast Gobo 2 from slow to fast Gobo 3 from slow to fast Gobo 4 from slow to fast Gobo 5 from slow to fast Gobo 6 from slow to fast Gobo 7 from slow to fast	0 ÷ 7 8 ÷ 15 16 ÷ 23 24 ÷ 31 32 ÷ 39 40 ÷ 47 48 ÷ 55 56 ÷ 63 64 ÷ 130 131 ÷ 132 133 ÷ 199 200 ÷ 207 208 ÷ 215 216 ÷ 223 224 ÷ 231 232 ÷ 239 240 ÷ 247 248 ÷ 255	000
11	14	18	R. GOBO ROTATION Indexed Lineary from 0° to 360° Forward Spin From fast to slow Stop Stop Reverse Spin From slow to fast	000 ÷ 127 128 ÷ 190 191 ÷ 192 193 ÷ 255	000
	15	19	R. GOBO ROTATION FINE	000 ÷ 255	000
12	16	20	4F CIRCULAR PRISM Open Prism insert	000 ÷ 127 128 ÷ 255	000
13	17	21	4F CIRCULAR PRISM ROTATION Indexed Lineary from 0° to 360° Forward Spin From fast to slow Stop Stop Reverse Spin From slow to fast	000 ÷ 127 128 ÷ 190 191 ÷ 192 193 ÷ 255	000
	18	22	4F CIRCULAR PRISM ROTATION FINE	000 ÷ 255	000
14	19	23	FROST Linear insertion from 0% to 100%	000 ÷ 255	000
		24	FROST FINE	000 ÷ 255	000
15	20	25	IRIS Indexed Lineary from Large to Small Forward Spin Close from fast to slow Stop Open from slow to fast Reverse Spin Open and close from slow to fast	0 ÷ 63 64 ÷ 127 128 ÷ 191 192 ÷ 255	000
		26	IRIS FINE	000 ÷ 255	000
16	21	27	ZOOM Lineary from narrow to wide	000 ÷ 255	000
	22	28	ZOOM FINE	000 ÷ 255	000
17	23	29	FOCUS Linear from far to near	000 ÷ 255	000
	24	30	FOCUS FINE	000 ÷ 255	000
18	25	31	ANIMATION INSERTION Linear insertion from 0% to 100%	000 ÷ 255	000

BAS	STD	EXT	Function	DMX Value	Default
19	26	32	ANIMATION ROTATION Indexed Lineary from 0° to 360° Forward Spin From fast to slow Stop Stop Reverse Spin From slow to fast	000 ÷ 127 128 ÷ 190 191 ÷ 192 193 ÷ 255	000
	27	33	ANIMATION ROTATION FINE	000 ÷ 255	000
20	28	34	BLADE 1 POSITION Movement from outward to inward	000 ÷ 255	000
		35	BLADE 1 POSITION FINE	000 ÷ 255	000
21	29	36	BLADE 1 ROTATION Swivelling from -30 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +30 degrees	0 ÷ 127 128 ÷ 128 129 ÷ 255	128
		37	BLADE 1 ROTATION FINE	000 ÷ 255	000
22	30	38	BLADE 2 POSITION Movement from outward to inward	000 ÷ 255	000
		39	BLADE 2 POSITION FINE	000 ÷ 255	000
23	31	40	BLADE 2 ROTATION Swivelling from -30 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +30 degrees	0 ÷ 127 128 ÷ 128 129 ÷ 255	128
		41	BLADE 2 ROTATION FINE	000 ÷ 255	000
24	32	42	BLADE 3 POSITION Movement from outward to inward	000 ÷ 255	000
		43	BLADE 3 POSITION FINE	000 ÷ 255	000
25	33	44	BLADE 3 ROTATION Swivelling from -30 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +30 degrees	0 ÷ 127 128 ÷ 128 129 ÷ 255	128
		45	BLADE 3 ROTATION FINE	000 ÷ 255	000
26	34	46	BLADE 4 POSITION Movement from outward to inward	000 ÷ 255	000
		47	BLADE 4 POSITION FINE	000 ÷ 255	000
27	35	48	BLADE 4 ROTATION Swivelling from -30 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +30 degrees	0 ÷ 127 128 ÷ 128 129 ÷ 255	128
		49	BLADE 4 ROTATION FINE	000 ÷ 255	000
28	36	50	FRAME ROTATION Swivelling from -30 degrees towards 0 degrees 0 degrees Swivelling from 0 degrees to +30 degrees	0 ÷ 127 128 ÷ 128 129 ÷ 255	128
		51	FRAME ROTATION FINE	000 ÷ 255	000

BAS	STD	EXT	Function	DMX Value	Default
	37	52	FRAME MACROS		
			No Function	0 ÷ 3	
			Macro 1	4 ÷ 10	
			Macro 2	11 ÷ 17	
			Macro 3	18 ÷ 24	
			Macro 4	25 ÷ 31	
			Macro 5	32 ÷ 38	
			Macro 6	39 ÷ 45	
			Macro 7	46 ÷ 52	
			Macro 8	53 ÷ 59	
			Macro 9	60 ÷ 66	
			Macro 10	67 ÷ 73	
			Macro 11	74 ÷ 80	
			Macro 12	81 ÷ 87	
			Macro 13	88 ÷ 94	
			Macro 14	95 ÷ 101	
			Macro 15	102 ÷ 108	
			Macro 16	109 ÷ 115	
			Macro 17	116 ÷ 122	
			Macro 18	123 ÷ 129	
			Macro 19	130 ÷ 136	
			Macro 20	137 ÷ 143	
			Macro 21	144 ÷ 150	
			Macro 22	151 ÷ 157	
			Macro 23	158 ÷ 164	
			Macro 24	165 ÷ 171	
			Macro 25	172 ÷ 178	
			Macro 26	179 ÷ 185	
			Macro 27	186 ÷ 192	
			Macro 28	193 ÷ 199	
			Macro 29	200 ÷ 206	
			Macro 30	207 ÷ 213	
			Macro 31	214 ÷ 220	
			Macro 32	221 ÷ 227	
			Macro 33	228 ÷ 234	
			Macro 34	235 ÷ 241	
			Macro 35	242 ÷ 248	
			Macro 36	249 ÷ 255	
	38	53	FRAME MACROS SPEED		
			Slow to fast	000 ÷ 255	000

BAS	STD	EXT	Function	DMX Value	Default
29	39	54	CONTROL		
			No Function/Safe	000 ÷ 001	
			PAN REVERSE ON	002 ÷ 003	
			PAN REVERSE OFF	004 ÷ 005	
			TILT REVERSE ON	006 ÷ 007	
			TILT REVERSE OFF	008 ÷ 009	
			PAN/TILT MODE FAST	010 ÷ 011	
			PAN/TILT MODE MEDIUM	012 ÷ 013	
			PAN/TILT MODE SLOW	014 ÷ 015	
			HOME MODE STANDARD	016 ÷ 017	
			HOME MODE CUSTOM	018 ÷ 019	
			MOVEMENT IN BLACKOUT ON	020 ÷ 021	
			MOVEMENT IN BLACKOUT OFF	022 ÷ 023	
			COLOR WHEEL BLACKOUT ON (index)	024 ÷ 025	
			COLOR WHEEL BLACKOUT OFF (index)	026 ÷ 027	
			COLOR WHEEL CONTINUOUS MOVEMENT (index)	028 ÷ 029	
			COLOR WHEEL STEP MOVEMENT (index)	030 ÷ 031	
			ROTATING GOBO WHEEL BLACKOUT ON (index)	032 ÷ 033	
			ROTATING GOBO WHEEL BLACKOUT OFF (index)	034 ÷ 035	
			ROTATING GOBO WHEEL CONTINUOUS MOVEMENT (index)	036 ÷ 037	
			ROTATING GOBO WHEEL STEP MOVEMENT (index)	038 ÷ 039	
			DISPLAY ON	040 ÷ 041	
			DISPLAY 10S	042 ÷ 043	
			DISPLAY 20S	044 ÷ 045	
			DISPLAY 30S	046 ÷ 047	
			FLIP DISPLAY ON	048 ÷ 049	
			FLIP DISPLAY OFF	050 ÷ 051	
			FLIP DISPLAY AUTO	052 ÷ 053	
			KEY LOCK ON	054 ÷ 055	
			KEY LOCK OFF	056 ÷ 057	
			FAN MODE AUTO	058 ÷ 059	
			FAN MODE SILENT	060 ÷ 061	
			FAN MODE HIGH	062 ÷ 063	
			NO SIGNAL HOLD	064 ÷ 065	
			NO SIGNAL BLACKOUT	066 ÷ 067	
			STATUS LED ON	068 ÷ 069	
			STATUS LED OFF	070 ÷ 071	
			DIMMER CURVE LINEAR	072 ÷ 073	
			DIMMER CURVE S-CURVE	074 ÷ 075	
			DIMMER CURVE SQUARE LAW	076 ÷ 077	
			DIMMER CURVE INVERSE SQUARE LAW	078 ÷ 079	
			DIMMER SPEED AUTO	080 ÷ 081	
			DIMMER SPEED FAST	082 ÷ 083	
			DIMMER SPEED MEDIUM	084 ÷ 085	
			DIMMER SPEED SLOW	086 ÷ 087	
			LED FREQUENCY 600HZ	088 ÷ 089	
			LED FREQUENCY 1200HZ	090 ÷ 091	
			LED FREQUENCY 2000HZ	092 ÷ 093	
			LED FREQUENCY 4000HZ	094 ÷ 095	
			LED FREQUENCY 6000HZ	096 ÷ 097	
			LED FREQUENCY 25KHZ	098 ÷ 099	
			LED FREQUENCY 50KHZ	100 ÷ 101	
			INVERT ZOOM OFF	102 ÷ 103	
			INVERT ZOOM ON	104 ÷ 105	
			RESET ALL	106 ÷ 107	
			RESET PAN	108 ÷ 109	
			RESET TILT	110 ÷ 111	
			RESET PAN & TILT	112 ÷ 113	
			RESET CYAN	114 ÷ 115	
			RESET MAGENTA	116 ÷ 117	
			RESET YELLOW	118 ÷ 119	
			RESET CTO	120 ÷ 121	
			RESET COLOR WHEEL	122 ÷ 123	
			RESET GOBO WHEEL	124 ÷ 125	
			RESET GOBO ROTATION	126 ÷ 127	
			RESET ANIMATION	128 ÷ 129	
			RESET ANIMATION ROTATION	130 ÷ 131	
			RESET PRISM	132 ÷ 133	
			RESET PRISM ROTATION	134 ÷ 135	
			RESET FROST	136 ÷ 137	
			RESET IRIS	138 ÷ 139	
			RESET ZOOM	140 ÷ 141	
			RESET FOCUS	142 ÷ 143	
			RESET FRAME ROT	144 ÷ 145	

BAS	STD	EXT	Function	DMX Value	Default
29	39	54	CONTROL		
			RESET BLADE 1 POSITON	146 ÷ 147	
			RESET BLADE 1 ROT	148 ÷ 149	
			RESET BLADE 2 POSITON	150 ÷ 151	
			RESET BLADE 2 ROT	152 ÷ 153	
			RESET BLADE 3 POSITON	154 ÷ 155	
			RESET BLADE 3 ROT	156 ÷ 157	
			RESET BLADE 4 POSITON	158 ÷ 159	
			RESET BLADE 4 ROT	160 ÷ 161	
			FAN MODE SUPER SILENT	162 ÷ 163	
			Reserved 164 165	164 ÷ 165	
			Reserved 166 167	166 ÷ 167	
			Reserved 168 169	168 ÷ 169	
			Reserved 170 171	170 ÷ 171	
			Reserved 172 173	172 ÷ 173	
			Reserved 174 175	174 ÷ 175	
			Reserved 176 177	176 ÷ 177	
			Reserved 178 179	178 ÷ 179	
			Reserved 180 181	180 ÷ 181	
			Reserved 182 183	182 ÷ 183	
			Reserved 184 185	184 ÷ 185	
			Reserved 186 187	186 ÷ 187	
			Reserved 188 189	188 ÷ 189	
			Reserved 190 191	190 ÷ 191	
			Reserved 192 193	192 ÷ 193	
			Reserved 194 195	194 ÷ 195	
			Reserved 196 197	196 ÷ 197	
			Reserved 198 199	198 ÷ 199	
			Reserved 200 201	200 ÷ 201	000
			Reserved 202 203	202 ÷ 203	
			Reserved 204 205	204 ÷ 205	
			Reserved 206 207	206 ÷ 207	
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			Reserved 212 213	212 ÷ 213	
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			Reserved 220 221	220 ÷ 221	
			Reserved 222 223	222 ÷ 223	
			Reserved 224 225	224 ÷ 225	
			Reserved 226 227	226 ÷ 227	
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			Reserved 242 243	242 ÷ 243	
			Reserved 244 245	244 ÷ 245	
			Reserved 246 247	246 ÷ 247	
			Reserved 248 249	248 ÷ 249	
			Reserved 250 251	250 ÷ 251	
			Reserved 252 253	252 ÷ 253	
			FACTORY DEFAULT OF CONTROL FUNCTIONS	254 ÷ 255	