DMX CHARTS

RDM Personality ID List

ID	Mode
1	Standard

PAN/TILT VALUES

Pan = 128	Pan = 128	Pan = 128
Tilt = 0	Tilt = 128	Tilt = 255

DMX 255   DMX 255   DMX 0   DMX 0
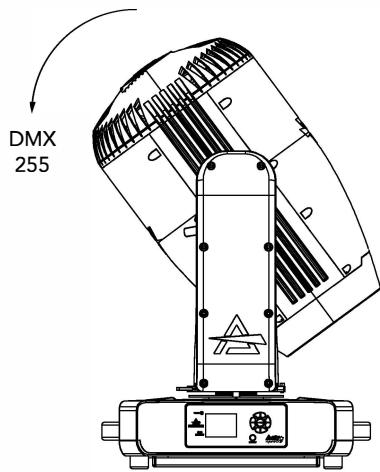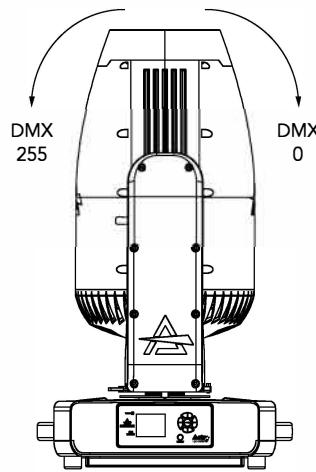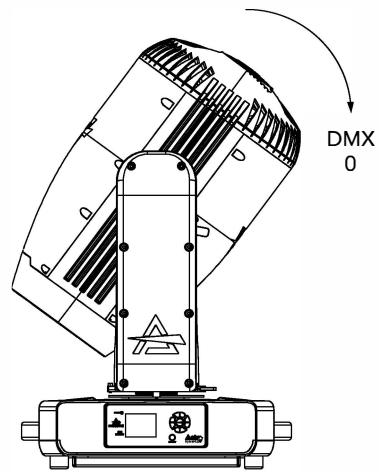
Tilt movement range: 270°
Pan movement range: 540

Pan = 0	Pan = 128	Pan = 255
Tilt = 80	Tilt = 80	Tilt = 80

DMX 255   DMX 255   DMX 0   DMX 0

Display   Display   Display

PROLIGHTS - Astra Hybrid420IP
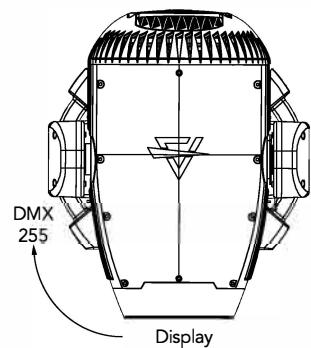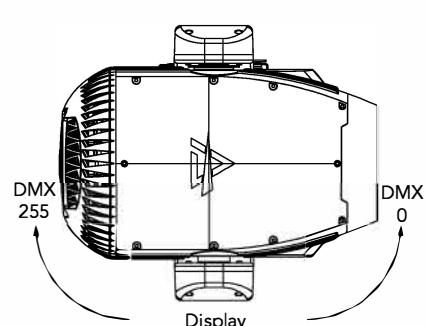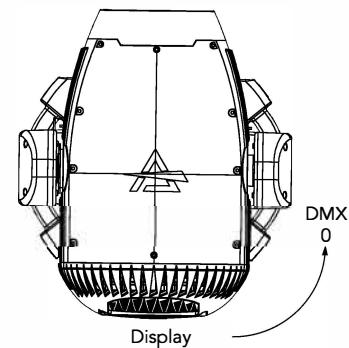
DMX Chart Summary

Channel	Standard
1	Pan
2	Pan Fine
3	Tilt
4	Tilt Fine
5	Dimmer
6	Dimmer Fine
7	Shutter
8	Cyan
9	Magenta
10	Yellow
11	Color Wheel 1
12	Color Wheel 2
13	Color Wheel 3
14	Rot Gobo
15	Rot Gobo Rotation
16	Rot Gobo Rotation Fine
17	Fixed Gogo
18	4f Circular Prism
19	4f Circular Prism Insertion
20	8f Circular Prism
21	8f Circular Prism Insertion
22	Frost
23	Zoom
24	Zoom Fine
25	Focus
26	Focus Fine
27	Animation Insertion
28	Animation Rotation
29	Beam / Spot Filter
30	Control

STD	Function	DMX Value	Default
1	**PAN** Lineary from 0% to 100%	000 ÷ 255	128
2	**PAN FINE** Lineary from 0% to 100%	000 ÷ 255	128
3	**TILT** Lineary from 0% to 100%	000 ÷ 255	128
4	**TILT FINE** Lineary from 0% to 100%	000 ÷ 255	128
5	**DIMMER** Lineary from close to open	000 ÷ 255	000
6	**DIMMER FINE** Lineary from close to open	000 ÷ 255	000
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
8	**CYAN** Linear insertion from 0% to 100% *** Color Wheel 1 must be @ 0**	000 ÷ 255	255
9	**MAGENTA** Linear insertion from 0% to 100% *** Color Wheel 2 must be @ 0**	000 ÷ 255	255
10	**YELLOW** Linear insertion from 0% to 100% *** Color Wheel 3 must be @ 0**	000 ÷ 255	255
11	**COLOR WHEEL 1** **Indexed** Open Open + UV UV UV + Lavander Lavander Lavander + CTO 3200K CTO 3200K CTO 3200K + CTO 2500K CTO 2500K CTO 2500K + Blue Wood Blue Wood Blue Wood + Open **Forward Spin** From fast to slow **Stop** Stop **Reverse Spin** From slow to fast	 000 ÷ 013 014 ÷ 027 028 ÷ 041 042 ÷ 055 056 ÷ 069 070 ÷ 083 084 ÷ 097 098 ÷ 111 112 ÷ 125 126 ÷ 139 140 ÷ 153 154 ÷ 167 168 ÷ 210 211 ÷ 212 213 ÷ 255	0
12	**COLOR WHEEL 2** **Indexed** Open Open + Dark Green Dark Green Dark Green + CTB CTB CTB + Dark Blue Dark Blue Dark Blue + H.M. Green H.M. Green H.M. Green + Dark Red Dark Red Dark Red + Open **Forward Spin** From fast to slow **Stop** Stop **Reverse Spin** From slow to fast	 000 ÷ 013 014 ÷ 027 028 ÷ 041 042 ÷ 055 056 ÷ 069 070 ÷ 083 084 ÷ 097 098 ÷ 111 112 ÷ 125 126 ÷ 139 140 ÷ 153 154 ÷ 167 168 ÷ 210 211 ÷ 212 213 ÷ 255	0

STD	Function	DMX Value	Default
13	**COLOR WHEEL 3** **Indexed** Open Open + Light Green Light Green Light Green + Pink Pink Pink + Acquamarine Acquamarine Acquamarine + Dark Orange Dark Orange Dark Orange + Light Orange Light Orange Light Orange + Open **Forward Spin** From fast to slow **Stop** Stop **Reverse Spin** From slow to fast	 000 ÷ 013 014 ÷ 027 028 ÷ 041 042 ÷ 055 056 ÷ 069 070 ÷ 083 084 ÷ 097 098 ÷ 111 112 ÷ 125 126 ÷ 139 140 ÷ 153 154 ÷ 167 168 ÷ 210 211 ÷ 212 213 ÷ 255	0
14	**ROT GOBO (not available in Beam Mode)** **Indexed** Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo 8 Gobo 9 **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 Gobo 8 from slow to fast Gobo 9 from slow to fast	 000 ÷ 008 009 ÷ 017 018 ÷ 026 027 ÷ 035 036 ÷ 044 045 ÷ 053 054 ÷ 062 063 ÷ 071 072 ÷ 080 081 ÷ 089 090 ÷ 131 132 ÷ 132 133 ÷ 174 175 ÷ 183 184 ÷ 192 193 ÷ 201 202 ÷ 210 211 ÷ 219 220 ÷ 228 229 ÷ 237 238 ÷ 246 247 ÷ 255	000
15	**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
16	**R. GOBO ROTATION FINE**	000 ÷ 255	000

STD	Function	DMX Value	Default
17	**FIXED GOBO** **Indexed** Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo 8 Gobo 9 Gobo 10 Gobo 11 Gobo 12 Gobo 13 Gobo 14 Gobo 15 Gobo 16 Gobo 17 Gobo 18 **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 Gobo 8 from slow to fast Gobo 9 from slow to fast Gobo 10 from slow to fast Gobo 11 from slow to fast Gobo 12 from slow to fast Gobo 13 from slow to fast Gobo 14 from slow to fast Gobo 15 from slow to fast Gobo 16 from slow to fast Gobo 17 from slow to fast Gobo 18 from slow to fast	 0 ÷ 3 4 ÷ 7 8 ÷ 11 12 ÷ 15 16 ÷ 19 20 ÷ 23 24 ÷ 27 28 ÷ 31 32 ÷ 35 36 ÷ 39 40 ÷ 43 44 ÷ 47 48 ÷ 51 52 ÷ 55 56 ÷ 59 60 ÷ 63 64 ÷ 67 68 ÷ 71 72 ÷ 75 76 ÷ 127 128 ÷ 129 130 ÷ 181 182 ÷ 187 188 ÷ 191 192 ÷ 195 196 ÷ 199 200 ÷ 203 204 ÷ 207 208 ÷ 211 212 ÷ 215 216 ÷ 219 220 ÷ 223 224 ÷ 227 228 ÷ 231 232 ÷ 235 236 ÷ 239 240 ÷ 243 244 ÷ 247 248 ÷ 251 252 ÷ 255	000
18	**4F CIRCULAR PRISM** Open Prism insert	 000 ÷ 127 128 ÷ 255	000
19	**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
20	**8F CIRCULAR PRISM** Open Prism insert	 000 ÷ 127 128 ÷ 255	000
21	**8F 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

STD	Function	DMX Value	Default
22	**FROST** Linear insertion from 0% to 100%	000 ÷ 255	000
23	**ZOOM** Lineary from narrow to wide	000 ÷ 255	000
24	**ZOOM FINE**	000 ÷ 255	000
25	**FOCUS** Linear from far to near	000 ÷ 255	000
26	**FOCUS FINE**	000 ÷ 255	000
27	**ANIMATION INSERTION** Linear insertion from 0% to 100%	000 ÷ 255	000
28	**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
29	**BEAM / SPOT FILTER** Spot Mode Beam Mode *** Rot Gobo must be @ 0**	000 ÷ 127 128 ÷ 255	000
30	**CONTROL** No Function/Safe PAN REVERSE ON PAN REVERSE OFF TILT REVERSE ON TILT REVERSE OFF PAN/TILT MODE FAST PAN/TILT MODE MEDIUM PAN/TILT MODE SLOW MOVEMENT IN BLACKOUT ON MOVEMENT IN BLACKOUT OFF COLOR WHEEL 1 BLACKOUT ON (index) COLOR WHEEL 1 BLACKOUT OFF (index) COLOR WHEEL 2 BLACKOUT ON (index) COLOR WHEEL 2 BLACKOUT OFF (index) COLOR WHEEL 3 BLACKOUT ON (index) COLOR WHEEL 3 BLACKOUT OFF (index) ROTATING GOBO WHEEL BLACKOUT ON (index) ROTATING GOBO WHEEL BLACKOUT OFF (index) FIXED GOBO WHEEL BLACKOUT ON (index) FIXED GOBO WHEEL BLACKOUT OFF (index) COLOR WHEEL 1 CONTINUOUS MOVEMENT (index) COLOR WHEEL 1 STEP MOVEMENT (index) COLOR WHEEL 2 CONTINUOUS MOVEMENT (index) COLOR WHEEL 2 STEP MOVEMENT (index) COLOR WHEEL 3 CONTINUOUS MOVEMENT (index) COLOR WHEEL 3 STEP MOVEMENT (index) ROTATING GOBO WHEEL CONTINUOUS MOVEMENT (index) ROTATING GOBO WHEEL STEP MOVEMENT (index) FIXED GOBO WHEEL CONTINUOUS MOVEMENT (index) FIXED GOBO WHEEL STEP MOVEMENT (index) HOME MODE STANDARD HOME MODE CUSTOM DISPLAY ON DISPLAY 10S DISPLAY 20S DISPLAY 30S FLIP DISPLAY ON FLIP DISPLAY OFF FLIP DISPLAY AUTO KEY LOCK ON KEY LOCK OFF NO SIGNAL HOLD NO SIGNAL BLACKOUT STATUS LED ON STATUS LED OFF INVERT ZOOM OFF INVERT ZOOM ON RESET ALL	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065 066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 075 076 ÷ 077 078 ÷ 079 080 ÷ 081 082 ÷ 083 084 ÷ 085 086 ÷ 087 088 ÷ 089 090 ÷ 091 092 ÷ 093 094 ÷ 095	000

STD	Function	DMX Value	Default
30	RESET PAN/TILT	096 ÷ 097	000
	RESET COLOR 1	098 ÷ 099	
	RESET COLOR 2	100 ÷ 101	
	RESET COLOR 3	102 ÷ 103	
	RESET CYAN	104 ÷ 105	
	RESET MAGENTA	106 ÷ 107	
	RESET YELLOW	108 ÷ 109	
	RESET ROTATING GOBO	110 ÷ 111	
	RESET GOBO ROTATION	112 ÷ 113	
	RESET FIXED GOBO	114 ÷ 115	
	RESET ZOOM	116 ÷ 117	
	RESET FOCUS	118 ÷ 119	
	RESET ANIMATION	120 ÷ 121	
	RESET 4F PRISM	122 ÷ 123	
	RESET 8F PRISM	124 ÷ 125	
	RESET FROST	126 ÷ 127	
	RESET SHUTTER	128 ÷ 129	
	RESET OTHER	130 ÷ 131	
	LAMP OFF	132 ÷ 133	
	LAMP ON	134 ÷ 135	
	Reserved	136 ÷ 253	
	FACTORY DEFAULT OF CONTROL FUNCTIONS	254 ÷ 255	