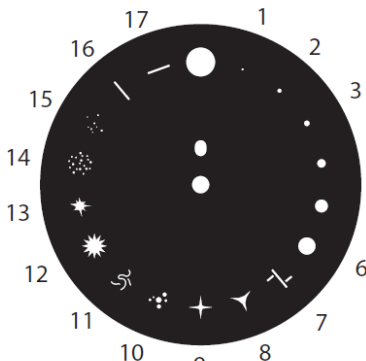


# Axcor Beam 300

## DMX Chart

Number of DMX parameter	DMX MODES	
	STANDARD mode 14 Parameters	SHARPY mode 16 Parameters
1	COLOUR WHEEL	COLOUR WHEEL
2	STOPPER / STROBE	STOPPER / STROBE
3	DIMMER	DIMMER
4	DIMMER FINE	STATIC GOBO CHANGE
5	STATIC GOBO CHANGE	PRISM INSERTION
6	PRISM INSERTION	PRISM ROTATION
7	PRISM ROTATION	DIMMER FINE
8	FOCUS	NOT USED
9	PAN	FOCUS
10	PAN FINE	PAN
11	TILT	PAN FINE
12	TILT FINE	TILT
13	RESET	TILT FINE
14	FUNCTION	FUNCTION
15	-	RESET
16	-	NOT USED

STANDARD mode	SHARPY mode	DMX Value	Function
1	1		<b>COLOUR WHEEL</b>
		0 - 4	Empty position
		5 - 8	Empty + Dark red
		9 - 12	Dark red
		13 - 16	Dark red + Orange
		17 - 21	Orange
		22 - 25	Orange + Aquamarine
		26 - 29	Aquamarine
		30 - 33	Aquamarine + Deep green
		34 - 38	Deep green
		39 - 42	Deep green + Light green
		43 - 46	Light green
		47 - 50	Light green + Half Minus Green
		51 - 55	Half Minus Green
		56 - 59	Half Minus Green + Pink
		60 - 63	Pink
		64 - 67	Pink + Yellow
		68 - 71	Yellow
		72 - 76	Yellow + Magenta
		77 - 80	Magenta
		81 - 84	Magenta + Cyan
		85 - 88	Cyan
		89 - 93	Cyan + CTO2
		94 - 97	CTO2
		98 - 101	CTO2+ CTO1
		102 - 105	CTO1
		106 - 110	CTO1+ CTB
		111 - 114	CTB
115 - 118	CTB + Dark blue		
119 - 122	Dark blue		
123 - 127	Dark blue + Empty position		
128 - 255	Continuous colour wheel CCW rotation at linearly variable speed from slow to fast		
2	2		<b>STOPPER / STROBE</b>
		0 - 3	Light OFF
		4 - 103	Strobe at linearly variable frequency from low (1 flash/sec) to high (25 flashes/sec)
		104 - 107	Light ON
		108 - 207	Pulsation at linearly variable speed from slow to fast
		208 - 212	Light ON
		213 - 225	Random Strobe at low frequency
		226 - 238	Random Strobe at medium frequency
		239 - 251	Random Strobe at high frequency
		252 - 255	Light ON
3	3		<b>DIMMER</b>
		0 - 255	Light output linearly increases from no-light to max output.
4	7		<b>DIMMER FINE</b>
		0 - 255	Fine Dimmer brightness

STANDARD mode	SHARPY mode	DMX Value	Function
5	4		<b>STATIC GOBO CHANGE</b> 
		0 - 3	Empty position
		4 - 7	Gobo 1
		8 - 11	Gobo 2
		12 - 15	Gobo 3
		16 - 19	Gobo 4
		20 - 23	Gobo 5
		24 - 27	Gobo 6
		28 - 31	Gobo 7
		32 - 35	Gobo 8
		36 - 39	Gobo 9
		40 - 43	Gobo 10
		44 - 47	Gobo 11
		48 - 51	Gobo 12
		52 - 55	Gobo 13
		56 - 59	Gobo 14
		60 - 63	Gobo 15
		64 - 67	Gobo 16
		68 - 71	Gobo 17
		72 - 113	Continuous gobo wheel CCW rotation at linearly variable speed from fast to slow
		114 - 117	Stop rotation
		118 - 159	Continuous gobo wheel CW rotation at linearly variable speed from slow to fast
		160 - 165	Gobo 1 shakes at variable speed from slow to fast
		166 - 171	Gobo 2 shakes ...
		172 - 176	Gobo 3 shakes ...
		177 - 182	Gobo 4 shakes ...
		183 - 187	Gobo 5 shakes ...
		188 - 193	Gobo 6 shakes ...
		194 - 199	Gobo 7 shakes ...
		200 - 204	Gobo 8 shakes ...
		205 - 210	Gobo 9 shakes ...
		211 - 215	Gobo 10 shakes ...
216 - 221	Gobo 11 shakes ...		
222 - 227	Gobo 12 shakes ...		
228 - 232	Gobo 13 shakes ...		
233 - 238	Gobo 14 shakes ...		
239 - 243	Gobo 15 shakes ...		
244 - 249	Gobo 16 shakes ...		
250 - 255	Gobo 17 shakes ...		

# Axcor Beam 300 DMX Chart

STANDARD mode	SHARPY mode	DMX Value	Function
6	5		<b>PRISM INSERTION</b>
		0 - 127	Prism out
		128 - 255	Prism 8-facet into the light beam
7	6		<b>PRISM ROTATION</b>
		0 - 21	Prism indexing: 0° to 90° range
		21 - 42	Prism indexing: 90° to 180° range
		42 - 63	Prism indexing: 180° to 270° range
		63 - 84	Prism indexing: 270° to 360° range
		84 - 105	Prism indexing: 360° to 450° range
		105 - 127	Prism indexing: 450° to 540° range
		128 - 190	Continuous CW prism rotation at linearly variable speed from fast to slow
		191 - 192	Stop rotation
193 - 255	Continuous CCW prism rotation at linearly variable speed from slow to fast		
8	9		<b>FOCUS</b>
		0 - 255	Focus moves linearly from far to near position
9	10		<b>PAN</b>
		0 - 255	Pan movement/positioning from 0° to 540°
10	11		<b>PAN FINE</b>
		0 - 255	Fine Pan positioning
11	12		<b>TILT</b>
		0 - 255	Tilt movement/positioning from 0° to 270°
12	13		<b>TILT FINE</b>
		0 - 255	Fine Tilt positioning
13	15		<b>RESET</b>
		0 - 25	Unused range
		26 - 76	Effects Reset Effects Reset sequence is activated passing through the unused levels range and staying in this range for 5 seconds
		77 - 127	Pan / Tilt Reset Pan/Tilt Reset sequence passing through the unused levels range and staying in this range for 5 seconds.
128 - 255	Complete Reset All-effects Reset sequence passing through the unused levels range and staying in this range for 5 seconds.		

# Axcor Beam 300 DMX Chart

STANDARD mode	SHARPY mode	DMX Value	Function
14	14		<b>FUNCTION</b>
		0 – 10	Unused range
		11 – 20	Led frequency 600 Hz
		21 – 30	Led frequency 1200 Hz (default)
		31 – 40	Led frequency 2000 Hz
		41 – 50	Led frequency 4000 Hz
		51 – 60	Led frequency 8000 Hz
		61 – 70	Led frequency 16 KHz
		71 – 80	Led frequency 25 KHz
		81 – 90	Fan Mode Auto (default)
		91 – 95	Fan Mode SLN
		96 – 100	Fan Mode Theatre
		101 – 110	Fan Mode Constant
		111 – 120	Pan/Tilt slow speed
		121 – 130	Pan/Tilt medium speed
131 – 140	Pan/Tilt fast speed (default)		
	141 - 255	Free	
-	16		<b>NOT USED</b>
			This parameter (as the number 8) is not used but they take the space into DMX line so in case of Sharpy replacement they will have the same DMX line.

### IMPORTANT NOTE

*To prevent accidental breakage of the effects, which could collide with each others during transport, before switching the projector OFF check that all the projector Channels have been excluded (DMX level = 0 bit.).*

*To preserve the LED engine is recommended to set the Dimmer @ 0bit a few minutes before turning off the fixture.*