Axcor Beam 300

N°	CHANNEL LIST	
	STANDARD mode **14 channels**	**SHARPY mode** **16 channels**
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	-
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	-	-

STANDARD mode	SHARPY mode	DMX Value	Function
1	1		**COLOUR WHEEL** PINK · YELLOW · LAVANDER · MAGENTA · LIGHT GREEN · CYAN · DEEP GREEN · CTO 2 · AQUAMARINE · CTO 1 · ORANGE · CTB · DARK RED · DARK BLUE (6, 7, 8, 9, 10, 11, 12, 13, 14, 1, 2, 3, 4, 5)
		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 + Lavender
		51 - 55	Lavender
		56 - 59	Lavender + 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 pos
		128 - 255	Continuous colour wheel CCW rotation at linearly variable speed from slow to fast

Axcor Beam 300 – DMX Channels

STANDARD mode	SHARPY mode	DMX Value	Function
2	**2**		**STOPPER / STROBE**
		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**		**DIMMER**
		0 - 255	Light output linearly increase from no-light to maximum brightness.
4	**7**		**DIMMER FINE**
		0 - 255	Fine Dimmer brightness

Axcor Beam 300 – DMX Channels

STANDARD mode	SHARPY mode	DMX Value	Function
			STATIC GOBO CHANGE
		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
5	**4**	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 …
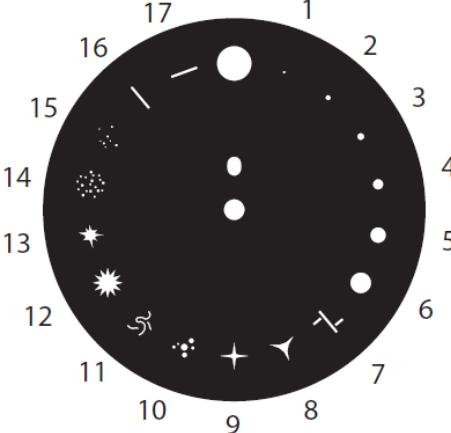
Axcor Beam 300 – DMX Channels

STANDARD mode	SHARPY mode	DMX Value	Function
6	**5**		**PRISM INSERTION**
		0 - 127	Prism out
		128 - 255	Prism 8-facet into the light beam
7	**6**		**PRISM ROTATION**
		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**		**FOCUS**
		0 - 255	Focus moves linearly from far to near position
9	**10**		**PAN**
		0 - 255	Pan movement/positioning from 0° to 540°
10	**11**		**PAN FINE**
		0 - 255	Fine Pan positioning
11	**12**		**TILT**
		0 - 255	Tilt movement/positioning from 0° to 244°
12	**13**		**TILT FINE**
		0 - 255	Fine Tilt positioning
13	**15**		**RESET**
		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 Channels

STANDARD mode	SHARPY mode	DMX Value	Function
14	**14**		**FUNCTION**
		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 – 100	Fan Mode SLN
		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
			The functions are activated/selected passing through the unused levels range and staying in the necessary range for 5 seconds.

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

Axcor Beam 300 – DMX Channels