

ENGLISH

**iB-715B**  
Ordercode: 41540

## Description

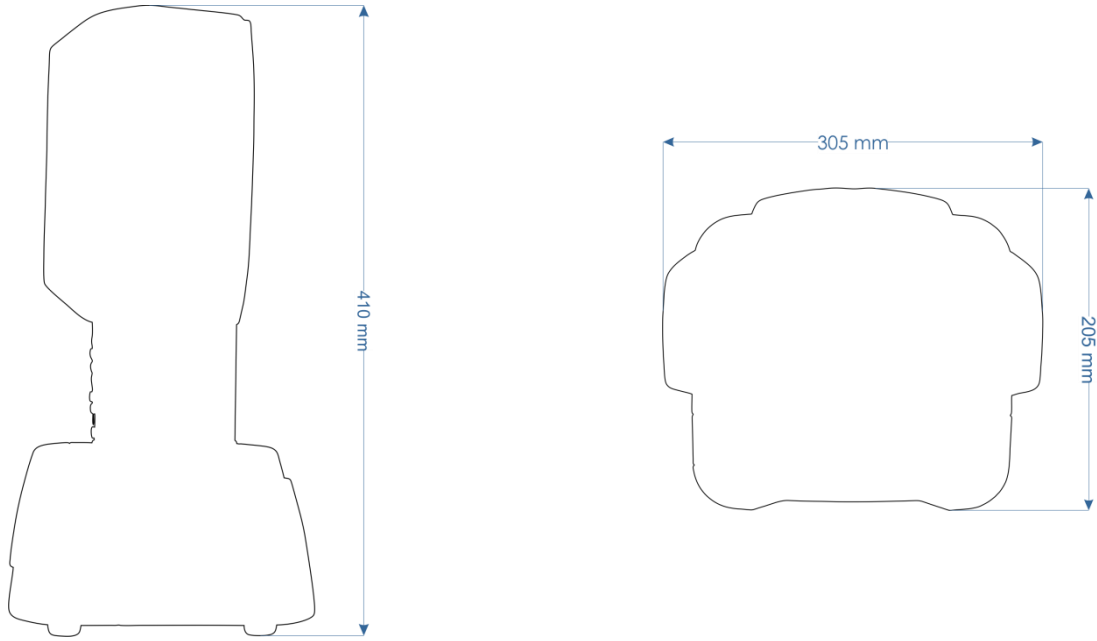
The Infinity iB-720 offers unlimited freedom by its continuous rotating on both pan and tilt movement. It offers an enormous light output due to the Osram O-Star RGBW LED's in combination with the newly developed high grade optical system with a beam angle of just 4.5°.

The LED's can be controlled apiece ensuring creative and dramatic effects in any venue. The high torque motors ensuring very fast movements and unlimited freedom of movement

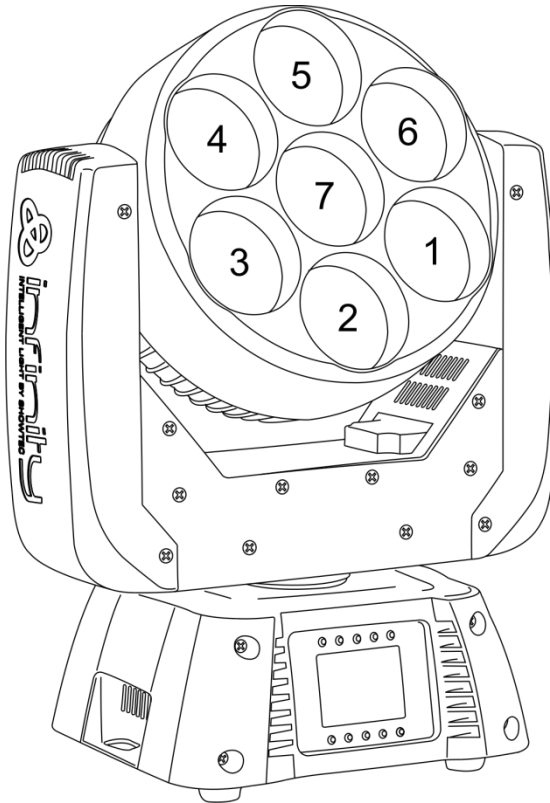
## Specifications

Output	Lux @ 1m:	3200
	Beam Angle:	4,5°
	Light Source:	Osram Ostar 7x15W RGBW 4-in-1
Electrical	Input Voltage:	100-240V / 50-60Hz (auto ranging)
	Power consumption:	150W at full output
Control	On-Board:	Battery powered full color display including gravity sensor
	Mode:	DMX, Auto, Master/Slave
	Control Protocol:	DMX512
	Control Personality:	Advanced 51 ch / Basic 23 ch
Optical system	Dimmer:	0-100%
	Dimmer curves:	Linear, Square, I-Square, S curve
	Dimmer speed:	Smooth, Fast
	Color balance:	Separate RGBW adjustment
	Strobe:	0-20Hz
Movement	Pan:	540°
	Tilt:	270°
	Pan/Tilt resolution:	16 bit
	Special:	Pan/Tilt change black out, User selectable Pan & Tilt ranges, 540°/360°/180°, Reverse Pan / Tilt movement.
Physical:	Color:	Black
	Housing:	Metal & Flame retardant plastic
	Fixture connections:	XLR 3&5p Data in/out, Powercon in- output
	Dimensions:	204 x 219 x 404mm
	Weight:	9 kg
Certification and Safety:	Certification:	CE
	Max. ambient temp:	40°

## Dimensions



## Pixel location



## DMX Channels

### 51 Channels

Ch	Function	DMX-value	Feature
1	PAN	000 ~ 255	0 - 540°
2	TILT	000 ~ 255	0 - 270°
3	PAN fine	000 ~ 255	16 bit spinner
4	TILT fine	000 ~ 255	16 bit spinner
5	Pan / Tilt Speed	000 ~ 255	Controllable speed with decreasing
6	Pan infinite	000 ~ 127	Left turn (from slow to fast)
		128 ~ 255	Right turn (from slow to fast)
7	Tilt infinite	000 ~ 127	Left turn (from slow to fast)
		128 ~ 255	Right turn (from slow to fast)
8	Red all	000 ~ 255	from dark to bright
9	Green all	000 ~ 255	from dark to bright
10	Blue all	000 ~ 255	from dark to bright
11	White all	000 ~ 255	from dark to bright
12	Red 1	000 ~ 255	from dark to bright
13	Green 1	000 ~ 255	from dark to bright
14	Blue 1	000 ~ 255	from dark to bright
15	White 1	000 ~ 255	from dark to bright
36	Red 7	000 ~ 255	from dark to bright
37	Green 7	000 ~ 255	from dark to bright
38	Blue 7	000 ~ 255	from dark to bright
39	White 7	000 ~ 255	from dark to bright

40	CTC	000	No function		
		001 ~ 255	Color temperature from 19000K to 2700K		
41	Color	000	No function		
		001 ~ 002	white 2700K		
		003 ~ 004	white 3200K		
		005 ~ 006	white 4200K		
		007 ~ 008	white 5600K		
		009 ~ 010	white 8000K		
		011	blue (R=0, G=0, B=255, W=0)		
		012 ~ 048	R=0, G+, B=255, W=0		
		049	cyanine (R=0, G=255, B=255, W=0)		
		050 ~ 086	R=0, G=255, B-, W=0		
		087	green (R=0, G=255, B=0, W=0)		
		088 ~ 124	R+, G=255, B=0, W=0		
		125	yellow (R=255, G=255, B=0, W=0)		
		126 ~ 162	R=255, G-, B=0, W=0		
		163	red (R=255, G=0, B=0, W=0)		
		164 ~ 200	R=255, G=0, B加, W=0		
		201	fusion (R=255, G=0, B=255, W=0)		
		202 ~ 238	R-, G=0, B=255, W=0		
		239	blue (R=0, G=0, B=255, W=0)		
		240 ~ 247	color gradual change with decreasing speed		
		248 ~ 255	color jump with decreasing speed		
		42	Fix Gobo	000 ~ 009	No function
				010 ~ 255	Gobos 001 - 095
43	Rot. Gobo	000 ~ 135	Gobo programs		
		136 ~ 255	Gobo programs (Fixed color)		
44	Rot.Gobo speed	000	Stop		
		001 ~ 127	positive with increasing speed		
		128 ~ 255	negative with increasing speed		
45	Gobo fade	000 ~ 255	Gobo program glow fade		

46	Reverse Color	000	No function
		001 ~ 002	white 2700K
		003 ~ 004	white 3200K
		005 ~ 006	white 4200K
		007 ~ 008	white 5600K
		009 ~ 010	white 8000K
		011	blue (R=0, G=0, B=255, W=0)
		012 ~ 048	R=0, G=0, B=255, W=0
		049	cyanine (R=0, G=255, B=255, W=0)
		050 ~ 086	R=0, G=255, B=0, W=0
		087	green (R=0, G=255, B=0, W=0)
		088 ~ 124	R=0, G=255, B=0, W=0
		125	yellow (R=255, G=255, B=0, W=0)
		126 ~ 162	R=255, G=255, B=0, W=0
		163	red (R=255, G=0, B=0, W=0)
		164 ~ 200	R=255, G=0, B=0, W=0
		201	fuchsiion (R=255, G=0, B=255, W=0)
		202 ~ 238	R=255, G=0, B=255, W=0
		239	blue (R=0, G=0, B=255, W=0)
		240 ~ 247	color gradual change with decreasing speed
		248 ~ 255	color jump with decreasing speed
		47	Revcoll dimmer
48	Main dimmer	000 ~ 255	0 – 100% electronic dim
49	Shutter	000 ~ 019	Off
		020 ~ 024	On
		025 ~ 064	Strobe 1 with decreasing speed
		065 ~ 069	On
		070 ~ 084	Strobe 2 (fast on slow off) with decreasing speed
		085 ~ 089	On
		090 ~ 104	Strobe 3 (slow on fast off) with decreasing speed
		105 ~ 109	On
		110 ~ 124	Strobe 4 (random strobe) with decreasing speed
		125 ~ 129	On
		130 ~ 144	Strobe 5 (random fast on slow off)with decreasing speed
		145 ~ 149	On
		150 ~ 164	Strobe 6 (random slow on fast off) with decreasing speed
		165 ~ 169	On
		170 ~ 184	Strobe 7 (pulse strobe) with decreasing speed
		185 ~ 189	On
		190 ~ 204	Strobe 8 (random pulse strobe) with decreasing speed
		205 ~ 209	On
		210 ~ 224	Strobe 9 (gradual on gradual off) with decreasing speed
		225 ~ 229	On
		230 ~ 244	Strobe 10 (pulse strobe) with decreasing speed
		245 ~ 255	On

50	Function	000 ~ 009	no function
		010 ~ 014	pan/tilt blacked
		015 ~ 019	reserve
		020 ~ 024	color mixing RGBW (active in 3 sec)
		025 ~ 029	color mixing CMY (active in 3 sec)
		030 ~ 049	Reserve
		050 ~ 054	pan reset (active in 3 sec)
		055 ~ 059	tilt reset (active in 3 sec)
		060 ~ 069	reserve
		070 ~ 074	all reset (active in 3 sec)
		075 ~ 109	reserve
		110 ~ 114	pan/tilt fast (active in 3 sec)
		115 ~ 119	pan/tilt slow (active in 3 sec)
		120 ~ 124	fan slow (active in 3 sec)
		125 ~ 129	fan full speed (active in 3 sec)
		130 ~ 134	fan speed temp. controlled(active in 3 sec)
		135 ~ 139	dimmer fast (active in 3 sec)
		140 ~ 144	dimmer smooth (active in 3 sec)
		145 ~ 255	reserve
		51	Macro
008 ~ 023	macro 1		
024 ~ 039	macro 2		
040 ~ 055	macro 3		
056 ~ 071	macro 4		
072 ~ 087	macro 5		
088 ~ 103	macro 6		
104 ~ 119	macro 7		
120 ~ 135	macro 8		
136 ~ 151	macro 9		
152 ~ 167	macro 10		
168 ~ 183	macro 11		
184 ~ 199	macro 12		
200 ~ 215	macro 13		
216 ~ 231	macro 14		
232 ~ 247	macro 15		
248 ~ 255	macro 16		

## 23 Channels

Ch	Function	DMX-value	Feature
1	PAN	000 ~ 255	0 - 540°
2	TILT	000 ~ 255	0 - 270°
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6	Pan infinite	000 ~ 127	Left turn (from slow to fast)
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15	Rot. Gobo	000 ~ 135	Gobo programs
		136 ~ 255	Gobo programs (Fixed color)
16	Rot.Gobo speed	000	Stop
		001 ~ 127	positive with increasing speed
		128 ~ 255	negative with increasing speed
17	Gobo fade	000 ~ 255	Gobo program flow fade

18	Reverse Color	000	No function		
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