TechnicalBrochure

coemar
Light Emotion

Infinity Profile XL

InfinitySeries

∞ Infinity
Profile XL

KEY FEATURES

- 1500 W Fast Fit discharge lamp
- Framing system, adjustable over 180°
- Modular design for easy maintenance and servicing
- Optical unit with extremely high luminous efficiency

Infinity Profile XL
SPECIFICATIONS
CMY color mixing system
5 colors + open
Proportional CTO
Framing system, adjustable over 180°
1 aerial wheel, 6 rotating gobos + open
1 break-up wheel, 6 static gobos + open
Focus
Proportional zoom 8° - 35°
Iris
Dimmer (mechanical and digital)
Mechanical strobe, electronic strobe (zap effect), synchronized, random, pulse effect
Modular design for easy maintenance and servicing
Pan 530°, Tilt 270°, 16 bit
PHYSICAL SIZE
Length: 450 mm (17.7 in)
Width: 505 mm (19.9 in)
Height: 880 mm (30.7 in), head straight up
Weight: 51 kg (112.4 lbs)
LAMP AND BALLAST
Type: Philips MSR Gold 1500 Fast Fit
Color temperature: 6000 Kelvin
Color rendering index: 83
Average lamp life: 750 hours
Socket: PGJX50
Electronic ballast with Power Factor Correction
CONTROL PROTOCOL AND PROGRAMMING
USITT DMX512/1990
Artnet, Artnet to DMX converter
DMX channels: 32/33
Setting and addressing: LCD display or remotely
RDM ready
ELECTRICAL SPECIFICATIONS/CONNECTIONS
AC power: 190 - 250 V, auto-sensing, 50/60 Hz, 2 m (6.6 ft) integral cable without power plug
Power consumption: 8 A at 230 V
DMX data in/out: 3 pin and 5 pin locking XLR

DMX Chart 33 Channels (16 bit)	
channel	**effect**
1	X axis, base movement (pan) coarse
2	X axis, base movement (pan) fine
3	Y axis, yoke movement (tilt) coarse
4	Y axis, yoke movement (tilt) fine
5	movement speed
6	dimmer
7	strobe, shutter and zap effect
8	iris diaphragm (LIN-Linear)
8	iris diaphragm (with internal PULS effect)
Note 1: the iris diaphragm operation will vary according to the selection made for IRIS on the display panel (linear LIN or with internal PULS effect)	
9	zoom
10	focus
11	rotation gobo selection on wheel 1 (standard)
11	rotation gobo selection on wheel 1 (effect activated from channel 31/30)
Note 2: channel 11 will vary according to the selection made for channel 31 (16 bit) / 30 (8 bit)	
12	indexing gobo rotation on wheel 1 through 360°
13	fine indexing of the gobos
14	gobo rotation on wheel 1
Note 3: when channel 12 is set to a level between 0 and 10, gobo rotation does not effect indexing, the gobo stops instantly	
15	gobo selection on wheel 2 (standard)
15	gobo selection on wheel 2 (effect activated from channel 31/30)
Note 4: channel 15 (16bit) / 14 (8bit) will vary according to the selection made for channel 31 (16 bit) / 30 (8 bit)	
16	framing shutter 1
17	framing shutter 1 angle
18	framing shutter 2
19	framing shutter 2 angle
20	framing shutter 3

channel	effect
21	framing shutter 3 angle
22	framing shutter 4
23	framing shutter 4 angle
24	framing assembly rotation
25	colours selection from the colour wheel
26	cyan
27	magenta
28	yellow
29	CTO
30	zap effect (effect varies depending upon channel 7 strobe)
31	gobo effect selection
32	lamp power control in conjunction with channel 33/32
33	lamp on/off and motors reset
Nota 5: the display panel may be used to disable the switching off of the lamp via DMX	
Nota 6: turning off the lamp and all reset functions are delayed by 6 seconds to prevent accidental activation	
Nota 7: the lamp on/off function can only be effected if an opposite level is set	

DMX Chart 32 Channels (8 bit)	
channel	**effect**
1	X axis, base movement (pan) coarse
2	X axis, base movement (pan) fine
3	Y axis, yoke movement (tilt) coarse
4	Y axis, yoke movement (tilt) fine
5	movement speed
6	dimmer
7	strobe, shutter and zap effect
8	iris diaphragm (LIN-Linear)
8	iris diaphragm (with internal PULS effect)

Note 1: the iris diaphragm operation will vary according to the selection made for IRIS on the display panel (linear LIN or with internal PULS effect)

9	zoom
10	focus
11	rotation gobo selection on wheel 1 (standard)
11	rotation gobo selection on wheel 1 (effect activated from channel 31/30)

Note 2: channel 11 will vary according to the selection made for channel 31 (16 bit) / 30 (8 bit)

12	indexing gobo rotation on wheel 1 through 360°
13	gobo rotation on wheel 1

Note 3: when channel 12 is set to a level between 0 and 10, gobo rotation does not effect indexing, the gobo stops instantly

14	gobo selection on wheel 2 (standard)
14	gobo selection on wheel 2 (effect activated from channel 31/30)

Note 4: channel 15 (16bit) / 14 (8bit) will vary according to the selection made for channel 31 (16 bit) / 30 (8 bit)

15	framing shutter 1
16	framing shutter 1 angle
17	framing shutter 2
18	framing shutter 2 angle
19	framing shutter 3

20	framing shutter 3 angle
21	framing shutter 4
22	framing shutter 4 angle
23	framing assembly rotation
24	colours selection from the colour wheel
25	cyan
26	magenta
27	yellow
28	CTO
29	zap effect (effect varies depending upon channel 7 strobe)
30	gobo effect selection
31	lamp power control in conjunction with channel 33/32
32	lamp on/off and motors reset

Nota 5: the display panel may be used to disable the switching off of the lamp via DMX

Nota 6: turning off the lamp and all reset functions are delayed by 6 seconds to prevent accidental activation

Nota 7: the lamp on/off function can only be effected if an opposite level is set