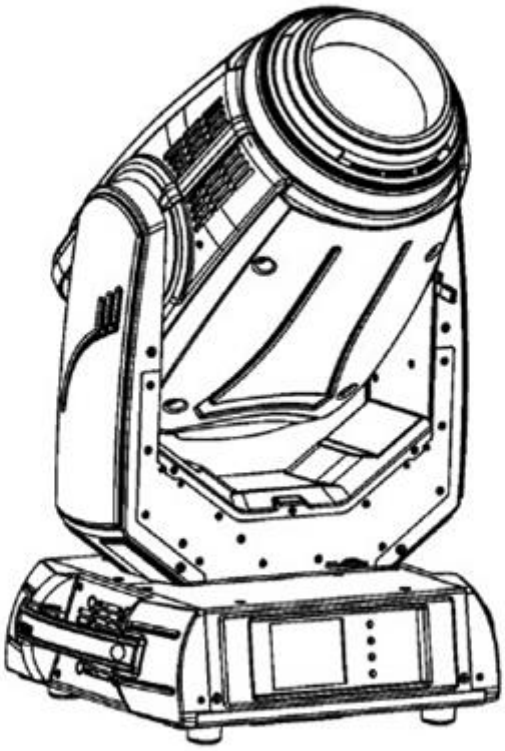
POINTE 280 MOVING HEAD



USER MANUAL

Thank you for choosing our products. For safety, please carefully read this manual before using.

Features

The Empire Ultimate Pointe 280 is an innovation, with an exciting & surprise effect. which has highly superior and innovative features. It’s has Spot+ Wash+ Beam effects, it’s the true "3 in 1 mode". Elegant, lightweight, high color temperature but only16kgs, makes it the most popular in the markets.

Maintenance Features

1. To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
2. Intermittently using will extend this item's service life
3. Please clear the fan, fan net and optical lens in order to keep good work state.
4. Do not use the alcohol or any other organic solvent to wipe the shell.

Statement

The product has perfect performance. All users should be strictly complying with the warning and operating instructions as stated. Or we are not in charge of any result by misusing. Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Note: All information is subject to change without prior notice.

Safety Precautions

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degress.
2. Always mount this unit in safe and stable matter.
3. Install or dismantle should operate by professional engineer
4. Using lamp，the change rate of power voltage should be within±10%，If the voltage is too high，it will shorten the light's life; if it's not enough, will influence the effect
5. Please restart it 20 minutes later after turning off light, until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps。
6. In order to make sure the product is used well, please read the Manual carefully.

Products Instruction

·lamp: Osram SIRIUS HRI 280W/ YODN HRI 280W (Llife:1500-2000 hours Color temperature: 8000K)

· Channel mode:16/24 DMX512 Channel

· Pan scan：540°(16bit) Electric correction

· Tilt scan：270° (16bit) Electric correction

· Amazing dot max ,four tact switch, 180° turning show

· Color wheel: one color wheel, 13 kinds of color chips in one color wheel

· Gobo : two gobo wheels , one static gobo wheel with 13 gobos & one rotating gobo wheel with 9 gobos

· Effect Wheel: Rotatable eight prism, effect move , frost

· 0-100% mechanical dimming, mechanical dimming and free dimming available
strobe macro control available.

· Lens optical system mechanical focus. 2.5° - 10° beam; 5 - 20° spot

· Power: 100-240V,50/60Hz · Consumed power：450W

· IP level: IP20 · Electronic ballast and AC/Dc power supply

· Net weight：16 KGS · Over heat protection

Menu Functions：

	Interface diagram			
Set up	Manuel operation	Information	Display	Lamp
	DMX set up			Invert
				Chinese/English display
	Channel mode			Return

Channels Control:

Mode	Mode	DMX Value	Channels function
1	1	0－255	Pan
2	*	0－255	Pan fine
3	2	0－255	
4	*	0－255	Tilt
5	3	0－255	Pan/Tilt speed ,Pan/Tilt time
6	4		Power/Special functions
		0－19	Reserved
		20－24	Eco mode (Lamp power 280W)
		25-29	Standard mode (Lamp power 280W)
		30-49	Reserved
		50-59	Pan/Tilt speed mode
		60-69	Pan/Tilt time mode
		70-79	Blackout while pan/tilt moving
		80-89	Disabled blackout while pan/tilt moving
		90-99	Blackout while color wheel moving
		100-109	Disabled blackout while pan/tilt moving
		110-119	Blackout while gobo wheel moving
		120-129	Disabled blackout while gobo wheel moving
		130－139	Lamp on ,reset(total reset except pan/tilt reset)
		140－149	Pan/Tilt reset
		150－189	Color system reset
		190－199	Reserved
		200－209	Total reset
		210－229	Reserved
		230－239	Lamp off
		240－255	Reserved
7	5		Color wheel
		0－8	Open/white

		9－17	Deep red
		18－26	Deep blue
		27－35	Yellow
		36－44	Green
		45－53	Magenta
		54－62	Sky blue
		63－71	Red
		72－80	Deep green
		81－89	Amber
		90－98	Blue
		99－107	Orange
		108－116	CTO
		117－127	UV filter
		128－129	White
		130－134	UV filter + CTO
		135－138	CTO + orange
		139－143	Orange + blue
		144－147	Blue + amber
		148－152	Amber + deep green
		153－157	Deep green + red
		158－161	Red + blue
		162－166	Blue + magenta
		167－171	Magenta + green
		172－176	Green + yellow
		177－180	Yellow + deep blue
		181－185	Deep blue + deep red
		186－189	Deep red + White
		190－215	Forwards rainbow effect from fast to slow
		218－243	Backwards rainbow effect from slow to fast
		244－249	Random color selection by audio control
		250－255	Auto random color selection from fast to slow
8	*		Color wheel-fine positioning
9	6		Effect Speed
10	7		Static Gobo wheel
		0－3	Open
		4－9	Gobo1
		10－15	Gobo2
		16－21	Gobo3
		22－27	Gobo4
		28－33	Gobo5
		34－39	Gobo6
		40－45	Gobo7
		46－51	Gobo8

		52－57	Gobo9
		58－63	Gobo10
		64－69	Beam reducer 1
		70－75	Beam reducer 2
		76－87	Beam reducer 3
			Shaking gobos from slow to fast
		88－95	Gobo1
		96－103	Gobo2
		104－111	Gobo3
		112－119	Gobo4
		120－127	Gobo5
		128－135	Gobo6
		136－143	Gobo7
		144－151	Gobo8
		152－159	Gobo9
		160－167	Gobo10
		168－175	Beam reducer1
		176－183	Beam reducer2
		184－199	Beam reducer3
		200-201	Open/hole
		202－221	Forwards gobo wheel rotation from fast to slow
		222-223	No rotation
		224-243	Backwards gobo wheel rotation from slow to fast
		244-249	Random gobo selection by audio control
		250-255	Auto random gobo selection from fast to slow
11	8		Rotating gobo wheel
		0－8	open
		9－17	Gobo1
		18－26	Gobo2
		27－35	Gobo3
		36－44	Gobo4
		45－53	Gobo5
		54－62	Gobo6
		63－71	Gobo7
		72－80	Gobo8
		81－89	Gobo9
			Shaking gobos from slow to fast
		90－97	Gobo1
		98－106	Gobo2
		107－115	Gobo3
		116－124	Gobo4
		125－133	Gobo5
		134－142	Gobo6

		143－151	Gobo7
		152－160	Gobo8
		161－169	Gobo9
		171－179	Gobo10
		180－217	Forwards gobo wheel rotation from fast to slow
		218－255	Backwards gobo wheel rotation from slow to fast
12	9		Rot.gobo indexing and rotation
		0－127	Indexing
		128－177	Forwards gobo rotation from fast to slow
		178－203	No rotation
		204－255	Backwards gobo wheel rotation from slow to fast
13	*	0－255	Fine indexing(rotation)
14	10		Prism
		0－19	Open position(hole)
		20－49	6-facet linear rotating prism-indexing
		50-75	6-facet linear rotating prism-rotation
		76－105	8-facet linear rotating prism-indexing
		106-127	8-facet linear rotating prism-rotation
		128-135	Marco 1
		136-143	Marco 2
		144-151	Marco 3
		152-159	Marco 4
		160-167	Marco 5
		168-175	Marco 6
		176-183	Marco 7
		184-191	Marco 8
		192-199	Marco 9
		200-207	Marco 10
		208-215	Marco 11
		216-223	Marco 12
		224-231	Marco 13
		232-239	Marco 14
		240-247	Marco 15
		248-255	Marco 16
15	11		Prism rotation and indexing
		0－127	Indexing
		128－191	Forwards prism rotation from fast to slow
		192－193	No rotation
		194－255	Backwards prism rotation slow to fast
16	12		Frost
		0－64	Open
		65－255	Linear frost
17	13		Zoom

		0－255	Zoom from max.to min.beam angle
18	*	0－255	Zoom-fine
19	14	0－255	Focus
20	*	0－255	Focus-fine
21	*	0－255	Autofocus(priority & distance selection)
22	15		Shutter/strobe
		0－31	Shutter closed
		32－63	Shutter open
		64－95	Strobe-effect from slow to fast
		96－127	Shutter open
		128－143	Opening pulse in sequences from slow to fast
		144－159	Closing pulse in sequences from fast to slow
		160－191	Shutter open
		192－223	Random strobe-effect from slow to fast
		224－255	Shutter open ,Full lamp power
23	16		Dimmer intensity
		0－255	Dimmer intensity from 0% to 100%
24	*		Dimmer intensity -fine

A warm note:

When your performances over, please use your console to turn off the lamp first (channel 6, value 230 to 239 off), let the fan keep working to cooling down around 5 minutes, then cut off the power.
This action could be helpful to extend the lifetime of lamps.
Thanks for reading. ~.~