

Synapse Pro 300

LED BWS



Synapse equips with all essential components and precision, that bring all your creativity, the spark that you have in your mind to live.

Range Technology Limited

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🏠 Flat /Rm509, 5/F, Yick Tai Industrial Building, 650 – 652 Castle Peak Road, Lai Chi Kok, Kowloon



SPECIFICATIONS

OPTIC

- Light Source: 300W White LED Module
- Life time: 50,000 Hours
- Color temperature: 7000K

MOVEMENT

- Pan movement: 540° (16 bit)
- Tilt movement : 270° (16 bit)
- Automatic reset function

COLORS

- 1+11 colors, Bi-directional rainbow effect
- Linear CMY+CTO

FEATURE

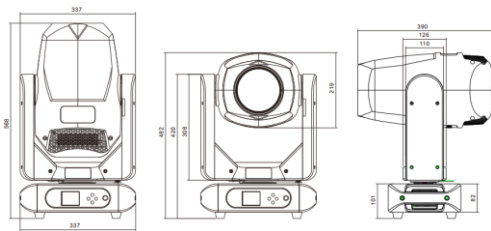
- Prism: 1 interchangeable rotating and indexable prism (3,8,16,24 facet option)
- Iris: Linear adjustable with macro
- Frost: 1 pcs Frost Filter, linear frost
- Focus: AUTO-FOCUS
- Zoom: 5°-45° linear adjustment
- Dimmer: 0-100% linear dimmer
- Strobe: Electronic strobe, 0.3-20 TIMES/SEC

IP GRADE

- IP: 20

WEIGHT AND DIMENSION

- Net weight: 14KG
- Product size: (see below)
- Carton size: 500*400*700MM
- Flight case size (2in1): 740*520*770MM



HOUSING

- Environmentally friendly flame retardant materials
- High temperature resistant engineering plastics
- Device locking PAN and TILT mechanisms for transportation and maintenance
- Intellectual property rights of appearance and structure design

POWER SUPPLY

- Input voltage: AC 100V~240V 50/60Hz
- Rate power: 500W@220V
- Power socket: power connector input and output
- DMX and RDM data IN/OUT : Locking 3-pin & 5-pin XLR

OTHER FUNCTION

- 2.4 inch color LCD screen
- High reliability touch button
- Support Multi-language
- Automatic monitoring of light source temperature, high temperature automatic protection
- Intelligent cooling system
- DMX512 Software update
- Display lamps use time
- 100% brightness without stroboscopic problem
- Internal rechargeable battery (3.7V rechargeable lithium-ion battery)
- Maintenance mode
- Intelligent control of wind speed
- Reverse display
- Control panel lock

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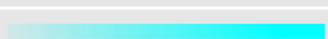
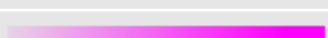
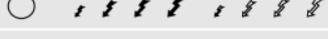
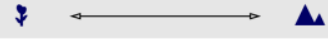
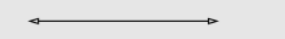
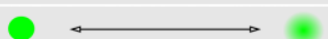
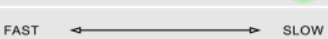
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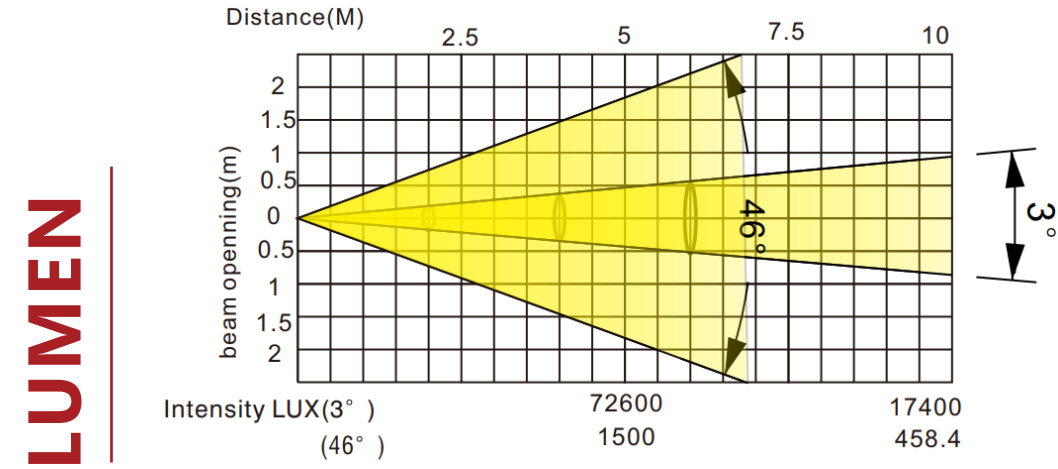
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DMX CHANNEL

Channel NO.	Function	Description
Ch1	Pan	000   255
Ch2	Pan Fine	000   255
Ch3	Tilt	000   255
Ch4	Tilt Fine	000   255
Ch5	Color Wheel 1	000        255
Ch6	Cyan	000  255
Ch7	Magenta	000  255
Ch8	Yellow	000  255
Ch9	CTO	000  255
Ch10	Fixed Gobo wheel	000        255
Ch11	Rotating Gobo wheel	000        255
Ch12	Gobos Auto-Rotation	000   255
Ch13	Dimmer	000  255
Ch14	Strobe	000        255
Ch15	Dimmer mode	000 DELAY  FAST 255
Ch16	Prism	000   255
Ch17	Prism Auto-Rotation	000   255
Ch18	Zoom	000    255
Ch19	Focus	000   255
Ch20	Auto Focus Distance	000  255
Ch21	Auto Focus Distance	000  255
Ch22	Iris	000    255
Ch23	Frost	000   255
Ch24	Scan speed	000 FAST  SLOW 255
Ch25	Control	000  255

GOBOS



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