

MSPOT 600P

Model:MS600P



BEAM+SPOT+WASH, CMY+CTO, ZOOM (6.5°-41°)

The MSPOT 600P is a professional and intelligent LED moving head BSW designed with a full CMY color mixing system plus CTO color correction, smooth and linear zoom from 6.5°-41°. The fixture features a new high intensity and efficiency cool white 600W LED engine (8500K) delivering ultra high light output through a set of high resolution and precise optics that helps to provide extremely clear and even spot coverage. It offers a full complement of other professional characteristics, rotating gobo wheel, static gobo wheel, color wheel, prism wheel, frost filter, linear electronic focus, linear dimmer, variable speed shutter/strobe, full color 180° reversible TFT display with 4 control buttons, etc. The MSPOT 600P supports DMX, RDM (Remote Device Management)

As structure is perfectly designed with ultimate heat sink system, the MSPOT 600P will keep itself in excellent performance in all functions even though in raining, dirty, sandy or water environment. There will be no accumulation of dust or external impact on inside components like optics, gobos, color filters or the light source. And there will be no smoke fluid or humidity gathering inside.

It's fast and quiet operation LED moving head spot. The fixture is tuned with proper LED refresh rate for flicker free operation for TV and FILM. The applications are unlimited. It could be placed at any outdoor environment such as fountain shows, theme park,architectural shows, live concerts, and so on.



Light Source

Source: 600W White LED module
Color Temperature: 8500K (customizable)
CRI: ≥70 (customizable)
Flicker free operation for broadcast TV and FILM
Life Span: 30000H
The life span may vary depending on several following factors but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming)

Optics

A set of high resolution and precise optics
6.5°-41°Smooth and quiet linear motorized zoom
Smooth electronic focus

Movement

PAN movement: 540°(8/16 bit)
TILT movement: 270°(8/16 bit)
Fast, quiet, smooth and precise 3-Phase motors
Smooth, fast and precise resolution for PAN/TILT movement with low noise operation
Scan position memory, auto reposition after unexpected movement
PAN/TILT time controllable
PAN/TILT reversible and swap

Color System

Full CMY color mixing system with linear CTO color correction
CMY macros
1 Color wheel with 5 dichroic colors plus open
Variable direction rainbow effect with speed adjustable

Gobo System

1 Rotating gobo wheel with 6 rotatable and interchangeable glass gobos plus open with speed adjustable, stream effect, dithering effect and rotatable clockwise or anticlockwise
Gobo indexing available
1 Static gobo wheel with 6 gobos plus open+animation effect
Gobo overlay (gobo morphing)

Prism System

8-Facet prism with variable speed and direction
6-Facet linear prism with variable speed and direction
Prism overlay (prism morphing)

Strobe Effect

0-25T/sec high speed LED shutter/strobe effect with variable speed
Preset variable/random strobe and dimming pulse effect

Wash System

Even and soft coverage

Dimming System

0-100% Smooth linear LED dimming
4 Dimming curve modes, linear/square law/Inv square law/S-curve

Control System

26 DMX channels USITT DMX-512
DMX512, master-slave, or auto operation
DMX recorder and edit function integrated
RDM available
(Remote Device Management)
Shielded input signal protection for stable signal without interference
IP rated 3-Pin XLR DMX connectors
IN/OUT with

Software Update

Software up-datable through DMX connectors
Multi units up-datable in daisy chain

Display System

1.8" TFT LCD display
4 Control buttons
180°Reversible for LCD display
Display auto OFF
DMX signal monitoring indicator

Cooling System
Advanced cooling system integrated aluminum and copper with liquid
Efficient low noise self adjusting fan

cooling system
Constant temperature readout and management function
Over temperature protection management

Power Supply

Electronic supply with active PFC
AC100-240V 50/60Hz
IP rated powercon connectors IN/OUT
700W Power consumption

Housing

Die-cast aluminum housing+plastic
Chassis constructed from aluminum and steel plates
Two side handles on both base and arm
Exterior finish: Black

Installation

2*1/4 turn fastening Omega Clamps
(Adaptable vertically and horizontally)
1*Safety attachment point

Operating Condition

Operating positions:
all (device on floor or fixed to a support)
-25 C to 45 C ambient temperature
IP66 protection rating

Compliance

CE
2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
2014/30/EU - Electromagnetic Compatibility (EMC)
2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)

Weight

N.W.: 22.8kg
G.W.: 25.9kg

Dimensions

Product Dimensions:
263(D)*361(W)*638(H)mm
Packing Dimensions:
360(D)*795(W)*500(H)mm

