# MOVING HEAD
# SMART SPOT 100 LED



The SMARTSPOT 100 is a new stylish 100W LED spot moving head basing on “smaller and better” design philosophy. It’s our brightest, most economic 100W spot into a new housing. The fixture features a 7500K 100W LED with high intensity and efficiency through a set of high resolution 15° optic system. The PAN/TILT integrates in fast and quiet movement. It offers a full complement of professional characteristics, including a rotating gobo wheel, static gobo wheel, color wheel, a 3-facet prism, linear electronic focus, 0-100% linear LED dimmer, variable speed shutter/strobe.

The SMARTSPOT 100 supports DMX, RDM (Remote Device Management), Art-Net protocol (optional), wireless system built-in (optional). The fixture’s exterior housing is beautifully balanced design with supremely harmonious interior structure for remarkable control. The sculpted body of the SMARTSPOT 100 achieves more than just a striking look. The fixture is applicable for small-medium scale live concerts, DJ Shows, schools, clubs, weddings, etc.

# Technical specification

- **Light Source**

  Source: 100W White LED engine
  Color Temperature: 7500K
  Flicker free operation for broadcast TV and FILM
  Life Span: 50000H
  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
  15°Projection angle
  Linear electric focus

- **Movement**

  PAN movement: 540°(8/16 bit)
  PAN movement: 270°(8/16 bit)
  Fast, quiet, smooth and precise 2-Phase motors
  Smooth, fast and precise resolution for PAN/TILT movement with low noise operation
  Scan position memory, auto reposition after unexpected movement

- **Color System**

  1 Color wheel with 7 dichroic colors plus open (half color mode available)
  Variable direction rainbow effect with speed adjustable

- **Prism System**

  3-Facet prism with variable speed and direction
  Prism indexing

- **Strobe Effect**

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

- **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

  Gobo size 22mm (external)/16mm (inner)

1 Static gobo wheel with 7 gobos plus open with dithering effect

Gobo overlay (gobo morphing)

- **Dimming System**

  0-100% Smooth linear LED dimming

- **Control System**

  14/22 DMX channels USITT DMX-512
  DMX512, master-slave, or auto operation
  DMX recorder and edit function integrated
  RDM available
  (Remote Device Management) Art-NET (optional)
  Wireless receiver system built-in (optional)
  Shielded input signal protection for stable signal without interference
  RJ45 ETHERCON IN/OUT (optional as Art-NET)
  3-Pin XLR DMX connectors IN/OUT

- **Preset Program**

  Auto programs

- **Display System**

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

- **Cooling System**

  Advanced cooling system integrated with aluminum
  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
  PowerCON IN/ OUT with power switch and fuse
  150W Power consumption

- **Housing**

  High intension moulded fire proof ABS PC
  Skeleton made of aluminum and steel metal plates
  Two side handles on base
  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℃ to 45℃ ambient temperatures
  IP20 protection rating

- **Installation**

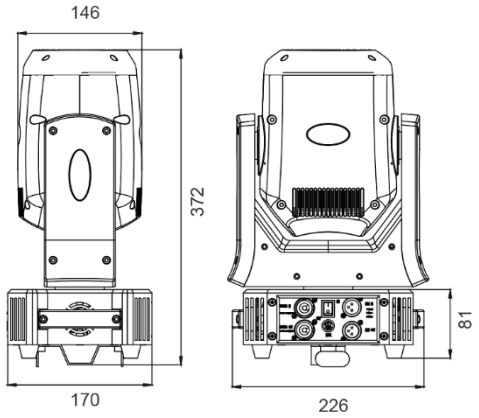
  1*1/4 turn fastening Omega Clamps
  1*Safety attachment point

- **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.: 8.2kg
  G.W.: 9.7kg




- **Dimensions**

  Product Dimensions:
  170(D)*237(W)*372(H)mm
  Packing Dimensions:
  280(D)*295(W)*385(H)mm

- **Contact:**

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