

CRAZYDOT 16

Model:C16



The CRAZYDOT 16 is a high-performance stage lighting BEAM fixture that features a ultra flexible moving MINI head, which is available with 76° for both PAN/TILT movement. The fixture is equipped with a powerful 60W 4-IN-1 RGBW LED light source. With its versatile design and advanced features, specially the mirror based optical system, the CRAZYDOT 16 is capable of producing a wide range of dynamic sharp and collimated BEAM lighting effects that are sure to captivate audiences and enhance performances. Also, thanks to the ingenious neon ring design on the front head, the fixture could bring ultra brilliant and magic lighting effect to the lighting designers.

The CRAZYDOT 16 also features a range of advanced lighting effects, including strobe, color mixing, and CTO. These effects can be easily accessed and controlled via the controller, allowing for precise and customizable lighting setups.

In addition to its advanced features, the CRAZYDOT 16 is built to withstand the rigors of live events and touring. Its rugged construction and high-quality components ensure that it will deliver reliable and consistent performance night after night. The users could combine different CRAZYDOT 16 together on truss/wall/ceiling and get an impressive wave of light through it's 3.5° specially designed optical system.

The fixture is tuned with proper LED refresh rate for flicker free operation for TV and FILM. It's a perfect option for large scale live concerts, TV productions, road shows, clubs/bars, weddings, ballrooms, banquet halls, etc.

Light Source

Source:
1*60W 4-IN-1 RGBW LEDs
30*0.2W 3-IN-1 SMD RGB LEDs
Flicker free operation for broadcast TV and FILM
Life Span: 50000H
900Hz-2.5KHz LED frequency adjustable
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, etc)
Optics
High efficiency lens
3.5° Projection angle
Sharp and clear beam effect

Movement

PAN movement: 76° (8/16 bit)
TILT movement: 76° (8/16 bit)
Fast, quiet, smooth and precise 2-phase motors
Smooth, fast and precise resolution for movement with low noise operation
Scan position memory, auto reposition after unexpected movement

Colors

Sophisticated 4 colors RGBW mixed
Linear CTO 2500-8000K
Preset static patterns
Preset dynamic patterns with variable speed
Preset dynamic color macro with variable speed

Strip Effect

Brilliant and magic trip effect with different built-in macros
(variable speed control)

Strobe Effect

1-25Hz shutter/strobe effect with variable speed
Preset pulse strobe effect with variable speed
Random strobe effect with variable speed

Dimming System

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

Control System

23/28 DMX channels USITT DMX-512
DMX512, master-slave, sound activated or auto operation
DMX recorder and edit function integrated
RDM available (Remote Device Management)
Shielded input signal protection for stable signal without interference
3-Pin XLR connectors IN/OUT

Display System

1.44" TFT LCD display
English/Chinese menu
5 Control buttons
180° Reversible for LCD display
Display auto OFF

Cooling System

Advanced self-adjusting fan cooling system integrated aluminum
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 fuse
78W Power consumption

Housing

High tension molded fire proof housing with PA6+fibre
Skeleton made of aluminum and steel metal plates
Exterior finish: Black

Installation

1*1/4 turn fastening Omega Clamps
Specific parts for seamless combination between lights
1*Safety attachment point

Operating Condition

Operating positions: all (device on floor or fixed to a support)
-25 C to 45 C ambient temperature
IP20 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.: 4.8kg
G.W.: 6.5kg

Dimensions

Product Dimensions:
224(D)*224(W)*262.5(H)mm
Packing Dimensions:
425(D)*330(W)*335(H)mm

