

# CRAZYBAR 46M

Model:CM46



The CRAZYBAR 46M is a high-performance stage lighting bar fixture that features 4 individual moving MINI heads, each of which 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 CRAZYBAR 46M 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 front neon ring design on each head, the BAR could bring ultra brilliant and magic lighting effect to the lighting designers.

One of the standout features of the CRAZYBAR 46M is with two PAN/TILT modes, mode 1 for its flexible 360°continuous movement and mode 2 for its 540°PAN/270° TILT, which allows each lighting head to be easily adjusted and aimed in any direction. This makes it easy for lighting professionals and performers to create customized lighting setups that are tailored to the unique needs of their events.

The CRAZYBAR 46M also features a range of advanced lighting effects, including strobe, color mixing, and chase effects. 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 CRAZYBAR 46M 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 connect different CRAZYBAR 46M seamlessly and get synchronized movement that produces an impressive wave of light, paralleled to each other due to it's 3.5°projection angle.

Overall, the CRAZYBAR 66M is a powerful and versatile lighting fixture that is sure to impress audiences and enhance performances. Its advanced features and flexible design make it a popular choice among lighting professionals and performers alike.

At the meantime, the CRAZYBAR 46M could be mounted horizontally on our CB1 (CRAZYBASE 1, an optional moving base system) to get continuous PAN movement with variable speed that make the CRAZYBAR with most dynamic effect for the users.

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, etc.

## Light Source

Source:  
4\*60W 4-IN-1 RGBW LEDs  
(4\*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  
4PCS high efficiency lens  
3.5°Projection angle

## Movement

PAN: 2 modes  
1. 360° Continuous movement  
2. 540° (8/16 bit)  
TILT: 2 modes  
1. 360° Continuous movement  
2. 270° (8/16 bit)  
Fast, quiet, smooth and precise 2-phase motors  
Smooth, fast and precise resolution for TILT movement with low noise operation  
Scan position memory, auto reposition after unexpected movement

## Colors

Pixel mapping capability with each LEDs controllable individually  
Sophisticated 4 colors RGBW mixed  
Linear CTO 2500-8000K  
Sharp beam effect  
Preset static patterns  
Preset dynamic patterns with variable speed  
Preset dynamic color macro with variable speed

## Strip Effect

Each head with strip 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  
25/47/69/76/90 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  
260W Power consumption

## Housing

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

## Installation

2\*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.: 15.5kg  
G.W.: 18.8kg

## Dimensions

Product Dimensions:  
168(D)\*800(W)\*263(H)mm  
Packing Dimensions:  
380(D)\*1010(W)\*260(H)mm

