

# Moving Head Beam Series

## 420W Moving Head Beam



## YR-420B/YR-421B

### Working parameters:

Operating voltage: AC100V-240V (50/60HZ)  
Total rated power: 800W  
Power factor: 0.99  
Rated current: 3.64A  
Maximum ambient temperature: 40 degrees

### Light source parameters:

Light source: 420W  
Lifespan : 4,000 hours  
Color temperature: 7600K

### Control parameters:

Optical path lens: combined lens, the light Angle of the whole lamp is 1.4°, which can achieve focusing and sharp beam  
Stroboscopic: two-piece stroboscopic 1-30 times/second, support pulse stroboscopic + effect stroboscopic + random stroboscopic

Dimming: Linear dimming

Control signal: DMX512(Digital MultipleX 512)+RDM, in line with international standard light control  
System transmission protocol, support console set address code, support DMX interface upgrade software

Control channel: 16/20 channel

Operation mode: console, manual, master-slave, optional DMX512 wireless signal control

Heat dissipation of light source: 2 4-line turbine fans + gyroscope control the rotation of the fan at different angles to accurately blow the lamp +2 high-power fans convection air, active heat dissipation, to ensure more stable products.

Color: 1 color tray: 13 high-gloss coating colors (including 1 CTO and 1 CTB) + white light

Gobo: 1 metal gobo plate: 17 gobo + white light, step conversion pattern, with variable speed jitter, two-way variable speed Bow effect

Prism: 1pcs 8 prism +1pcs 8+16 triple-layer honeycomb prism, superimposed to obtain 16+24 double-layer prism, can be independently rotated, with two-way variable speed rotation effect

Six-color tray: 6 high-gloss coating colors, with prism can produce six-color prism effect

Frost: 1 independent frost plate, which can convert the beam into dyeing effect

Scanning: horizontal 540 degrees 2.3S/ cycle, vertical 270 degrees 1.2S/ cycle, three-phase motor, using photoelectric reset + Hall correction + zero point, end point detection of double precision reset, so that positioning is more accurate, while automatic error correction, with automatic return function, smooth subdivision technology runs more smoothly

Display function: The screen can be reversed, Chinese and English switch, automatic screen off/persistent bright screen, can display the bright bubble time, fault detection, software version information, factory Settings can be restored

Over temperature protection: high sensitivity ceramic temperature control full control, can automatically cut off the protection of the light source

Light bulb opening mode: can set automatic lighting bubble, manual lighting bubble and console lighting bubble

Safety protection: Automatically cut off the power supply when the body overheats or the system fails

### Light parameters:

Wire: The high pressure part uses high temperature resistant silicone wire, the weak part uses 1332 TeBon high temperature wire

Shell: high temperature and fire retardant engineering plastic

Display: Touch LCD display +5 mechanical buttons

Power interface: Hand 1.5 m power cord +16A waterproof plug, more convenient project

Signal interface: hand in hand 1.5 meters to connect the signal line, the project is more convenient

IP rate: IP20

Accessories: Equipped with folding integrated light hook, easy to install engineering performance

Net weight:18KG