



Quartz 300

Product Code: SG QUARTZ300

Moving head wash 19x15W led RGBW/FC Zoom



Description

Quartz 300 is an innovative versatile led moving head, which can outstandingly perform several different jobs during one show. Thanks to the innovative Full Color technology of its 19 brand new leds OSRAM RGBW/FC, 15W each, Quartz300 guarantees a superior light washing over surfaces and stages as well as a stunning brightness over the entire chromatic range. Quartz300 runs onboard an advanced zoom technology with dedicated optics, which allows to keep the highest color mixing quality even running the digital zoom from 8 up to 62. Furthermore the advance zoom technology enables Quartz300 to release a narrow and defined light ray, performing a "beam effect", as well as a wide and diffused beam, performing a "wash effect". This brand new moving head series offers the users the "single pixel" control system thus create several graphic effects, which combined to the optical system guarantees an effective "air fx".

Technical Specifications

Light source

- 19x15W RGBW Full Color
- LED lifespan: >50.000h
- LED Refresh frequency: >400Hz flicker-free

Optic system

- Beam angle: zoom from 8° - 62°
- Luminous flux: 8600Lux (5m – full ON – 8°) / 800Lux (5m – full ON – 62°)

Color system

- LED source 4 in 1 RGBW Full Color
- Infinite chromatic possibilities

Effects

- Linear dimmer 0-100%
- Electronic high speed strobe from 1 to 20 flashes/s, with adjustable speed
- Random strobe and pulse effect with adjustable speed
- Single Pixel control
- Color macros and Pixel macros selectable from DMX

Control and programming

- 3 different DMX channels configurations: 14/20/92 channels
- Protocol USITT DMX 512
- Pan&Tilt 8/16 bit resolution selectable
- Master / Slave mode
- Reset via DMX

Structure and cabinet

- Black metal Housing, and plastic materials with high resistance
- LCD color graphic display
- PAN selectable 630°/540°/270° and TILT selectable 270°/180°/90°
- Mounting points: 1 pairs of 1/4 turn locks
- Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit
- 3-poles XLR in/out connection
- IP Rating: IP 20

- Forced air fan cooling system with electronic control

Power supply

- Input Voltage: AC~100-240V 50/60Hz
- Switching power supply unit
- Power consumption 350W
- Power IN/OUT connection with powerCON sockets
- Power supply cable 1,5 mt included

Weight and dimensions

- Net weight: 11,5 kg
- Dimensions: 420x205x450 mm