

Halo® RGB / Halo® Driver

Halo - a new exciting dimension in led pixel lighting for stage and set.

A circle of encapsulated bright micro-pixel led's, mounted on a standard size Parcan colour frame, Halo can bring the classic fixtures back into the latest lighting designs or be used alone to add many new dimensions and effects.

Controlled via DMX, the operator can quickly and simply program the most sophisticated effects using the internal content generator or switch to display pixel mapped video content.

The system consists of 6 frames of RGB led's and a 6 way data controller/driver in the familiar colour-scroller truss-hanging format.

The system is interconnected using the industry standard 4pin XLR scroller cables that are already part of most lighting company inventories.

**Light source**

192 x 0.25W RGB LED multichip

Zoom range

Viewing angle 160 Deg

LIGHT OUTPUT

N/A

Effects

zone pixel control, color rainbow effect, strobe effects, Pre-programmed pixel effects with color, dimming and strobe chases, waves and pulses at variable speed and directions

Technical Specification

SOURCE

- Light source type: 192 x 0.25W RGB / W LED multichip
- Led Life Expectancy: minimum 10.000 hours
- Typical Lumen Maintenance: 70% @ 10.000 hours
- LED color variants: RGB / White

OPTICAL SYSTEM

- Efficient component optics
- Viewing angle 160 Deg

DYNAMIC EFFECTS

- Colour mixing: RGB
- Individual control of each RGB or W pixel
- Color rainbow effect with variable speed
- Pre-programmed pixel effects with color, dimming and strobe chases, waves and pulses at variable speed and directions
- Dimmer
- Strobe effect with variable speed

CONTROL AND PROGRAMMING

- Protocols: USITT DMX-512
- DMX protocol modes: 4
- Control channels: 24
- R, G, B colors: 8-bit
- Dimmer: 8-bit

THERMAL SPECIFICATION

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 100 °C (212 °F)

ELECTRICAL SPECIFICATIONS AND CONNECTIONS

1. Power supply: Electronic auto-ranging
2. Input voltage range: 100-240 V, 50-60 Hz
3. Power consumption: 320 W @ 230 V / 50-60 Hz, 50 W per. HALO RGB / W module
4. HALO RGB / W

- Locking 4-pin XLR
- HALO Driver
 - Data in/out: Locking 5-pin XLR
- Power in/out: Neutrik powerCON TRUE1

- 6 zone outputs on 1 HALO RGB or W: Locking 4-pin XLR
- HALO Driver operates either HALO RGB or W or mix of both
- Combined power/data input

MECHANICAL SPECIFICATION

1. HALO Driver

- Height: 361 mm (14.2")
 - Width: 161 mm (6.3")
 - Depth: 93 mm (3.7")
 - Weight: 3.9 kg (8.6 lbs)
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- HALO RGB / W
 - Height: 255 mm (10.0")
 - Width: 255 mm (10.0")
 - Depth: 56 mm (2.2")
 - Weight: 0.8 kg (1.8 lbs)

RIGGING

1. HALO RGB / W

- Fits to PARcan64 gel frame holder
 - Can be merged to digital canvas via 8 mounting holes
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- HALO Driver
 - 1 x Omega bracket
 - 1 x safety attachment point

ACCESSORIES

Canvas joints
Safety wire
4-pin XLR cables

