



#### POWER SUPPLIES

100-240V 50/60Hz

#### INPUT POWER

1250 VA @230Vac - 50Hz.

#### LIGHT SOURCE

37 RGBW LEDs driven at 40 Watt  
 Type: OSRAM OSTAR - Stage II LE RTDUW S2WN  
 Color Temperature: 6,000 K  
 Life: 50,000 hrs

#### OPTICS

4°-60° Electronic Zoom Range



#### EFFECTS SECTION

- Three operating modes: wash, beam, FX (Kaleido effects)
- Bi-directional Rotating Front Lens
- Digital Wash-Beam Framing effect
- Beam edge softening control (in Wash mode)
- Pixel Patterning Macros with enhanced control
- 0-100% linear electronic dimmer
- Adjustable speed stop/strobe effect, with instantaneous blackout
- Dedicated channel for color temperature setting
- White CT Emulation 2500-8000K
- RGBW auto-tuning to lamp CT Emulation
- Tungsten Lamp Emulation
- Slow Strobe: 1 flash/sec; Fast Strobe: 25 flash/sec

#### CONTROL AND PROGRAMMING

- 22/36/111/148 DMX channels
- Basic Engine (Standard and Shape Mode)
- Pixel Engine (RGB and RGBW Mode)
- DMX protocol signal: USITT DMX 512
- Art-Net / RDM
- Arkaos Kling-Net protocol already included in the firmware
- Pan/Tilt Resolution: 16 bit
- Dimmer Resolution: 16 bit
- Movement control: vectorial
- DMX signal connection: 3 and 5 pole XLR input and output
- Software upload through DMX input

#### BODY

- Aluminum structure with die-cast plastic cover
- Two side handles for transportation
- PAN and TILT lock for transport and maintenance

#### IP RATING

IP 20 - Protected against the entry of solid bodies larger than 12mm (0.47"); No protection against the entry of liquids.

#### NOISE LEVEL

Auto Mode Super Silent 35.0 dBA (background 32.5)  
 Auto Mode Silent 36.0 dBA (background 32.5)  
 Auto Mode Standard 39.0 dBA (background 32.5)

#### ELECTRONICS

- Long-life auto-charging buffer battery
- Preset color and graphic effect macros
- Function reset controllable from a central control unit
- Menu-driven internal self-test function
- Ethernet ready with RJ45 socket
- Display: backlit black-and-white graphic LCD display
- Electronic check-up of every single parameter with error alarm
- DMX level monitoring on each channel
- Automatic internal data transmission error diagnostics
- Firmware upgrade even when the unit is not connected to the power supply
- Firmware transfer from one light to another

#### MOTORS

Stepper motors, microprocessor controlled.

#### MOVING BODY

- Movement by means of two stepper motors, controlled by microprocessor
- Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit
- Travel:
  - PAN = 540°
  - TILT = 210°

#### WORKING POSITION

- Working in any position.
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base.
- Optional safety chain.

#### SAFETY DEVICES

- Automatic power safety derating in case of overheat of the LED board
- Forced ventilation

#### CE MARKING

- In conformity with the European Directives:
- 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).
  - 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP).

#### ETL

This product is available, on demand, with cETLus Listed Mark.

#### PACKAGING

- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell (2 position)

#### WEIGHT

27,5 Kg (60.6 lbs).