



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: 6000 K.
Life: 50000 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 / sACN.
Arkaos Kling-Net protocol already included in the firmware.
Display: Graphic LCD backlit b/w Display.
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.

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).