



Mini-B Sparky Aqua

Shield Family (IP66)



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Step into the future with **Mini-B Sparky Aqua**—a true game-changer in the world of compact, lightweight mini moving-heads! This **IP66-rated fixture** is causing a stir, and for good reason: prepare to be hypnotized by the **powerful strobe effects** of Mini-B Sparky Aqua! Let's dive into the details: **Robust Design, Powerful Performance:** Mini-B Sparky Aqua doesn't play games when it comes to durability and brightness. Its high-output RGBW SMD LEDs, arranged in 10 individually controllable concentric circles, create intense colors that spread evenly across a wide 120° floodlight. Whether indoors or outdoors, this tiny fixture delivers awesome visual effects, from kaleidoscopic displays to strong strobe effects. **Swift Moves, Precise Beams:** Thanks to lightning-fast pan and tilt movements, Mini-B Sparky Aqua hits its mark every time. Perfect for live performances, events, and dynamic light shows, it's like having a nimble dancer on stage. From gentle fades to dramatic sweeps, it's got the moves. **Sleek Design, Seamless Integration:** Mini-B Sparky Aqua's compact profile fits anywhere—trusses, overhead rigs, or discreet spots. Modern design meets top-tier performance. **Creativity Released:** Our Advanced Layer Management system lets you merge effects effortlessly. Background color, built-in macros, and external video content—mesmerizing possibilities at your fingertips. **Rock the Stage, Illuminate the backdrops:** Mini-B Sparky Aqua can deliver vibrant lighting effects that leave audiences spellbound. Whether you're planning a large-scale event, a theatrical production, or a themed installation, this fixture promises to deliver unparalleled performance and reliability. Get ready to be hypnotized!

Specifications

- **Light Source**
330 x 1W RGBW SMD LEDs arranged into 10 concentric circles
- **Light Output**
up to 14,000 lm



- **Zoom range**
120° beam aperture
- **Effects**
Pixel mapping; 16-bit electronic dimmer;
Electronic strobe @ 30 f/sec

Light Source Type

Source type

LED RGBW (330 pcs x 1W)

LED life expectancy

50000 hrs L70*

*It may vary depending on various factors, as type of use and environment

Photometric Data

Aperture

120°

Lumen Output

14000 Lm (integrating sphere)

Front Lens

Ø 188 mm

Optical system

High efficiency

Noise Level

Fixed presets

- Auto: 51,2 dB
- Silent: 41 dB
- Theatre: 49,1 dB
- Constant: 51.2 dB

Control and Connections

Personalities

- Main engine: 5 modes with 14 / 18 / 28 / 36 /



- 30 control channels
- Pixels engine : 2 modes with 30 / 40 control channels

Protocol

DMX, Art-Net, RDM, sACN, webserver

Connectors

- Locking 5 pin XLR IN/OUT
- RJ45 IN/OUT

Power connector

PowerCon True1 IN/OUT

Web Server

Built In

CloudIO

Fully compatible

Dynamic Effects**Colors**

- RGBW color mixing – 16 bit
- Linear CTO 2700K to 8000K
- Advanced layers management (color, internal shape, pixel mapping)
- individual control of 10 LEDs areas (ring);
- Pre-programmed shape selection of static and dynamic patterns

Movement

- Tilt: 220° (16 bit)
- Pan: 540° (16 bit)

Strobe

Electronic strobe from 1 to 25 f/sec



Dimmer/Shutter

- High speed electronic dimmer – 16 Bit, 5 curves
- High speed electronic shutter and strobe

Hardware and Software

- Long life self charging battery
- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM

Housing

- Magnesium housing
- Two side handles for transportation
- IP66 protection rate
- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base
- Optional safety chain

Electrical

Operating Voltage

100-240V, 50/60 Hz

Power Supply

Electronic auto range with active PFC

Max Power consumption

340W

Thermal Specification

Max ambient temperature

45°C (113°F)

Min ambient temperature

-20°C (-4°F)



	Max temperature of the external surface	90°C (194°F)
	Total heat dissipation	1161 BTU/hr ±10% / 1224 kJ/hr ±10%
Safety Specs	Minimum distance of illuminated objects	0.2 m (8")
	Minimum distance from flammable materials	0.2 meters (8")
	Protections	<ul style="list-style-type: none">• Thermally protected power supply (overheating and cooling failure)• Forced ventilation with fans and heatsink• Fuse T10 – 250V + battery use T10A 250V
Compliance	CE Marking (in conformity to the following)	<ul style="list-style-type: none">• 2014/ 35 EU Safety of electrical equipment supplied at low voltage (LVD)• 2014/30/EU Electromagnetic compatibility of equipment (EMC)• 2011/65/EU Restriction of the use of certain hazardous substances (RoHS)• 2009/125/EC EcoDesign requirements for Energy related Products (ErP)
	UKCA conforms to UK regulations	<ul style="list-style-type: none">• S.I. 2016 N. 1101• S.I. 2016 N. 1091• S.I. 2021 N. 745
	cMETus LISTED	<ul style="list-style-type: none">• UL 1573: 2003• CSA C22.2 N. 166: 2015



Packaging

**Carton box +
Polystyrene**

**Carton box + Foam
shell**

**Flight case + Foam
shell (6 positions)**

Weight - Size

Weight

12,194 Kg (26,88 lbs)

Base dimensions

332 x 200 mm (13.07 x 7,87 In)

**With vertical head
(h)**

- 373 mm (14,68 In)
- 420 mm (16.53 In) with top hat

**Distance between
two fixtures**

400 mm

Accessories

Omega clamps

1 x 433060-801 (Included)

Top-hat

CA3066000102 (Included)

ETL Power

CAB02B-802 (Included)*

* Cord 1.5 m (bare end with IP65 PowerConTrue1 connector)

**Flight case (6
positions)**



CF1036F (Optional)

Foam shell

F21339-001 (Optional)

Safety Chain

105015-802 (Optional)

Clamp

C21070 (Optional)

**PowerCon True1
connector**

CON000 (Optional)