ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

SVOPATT™

Iconic Luminaires are instantly recognisable in the lighting world. As a proudly Czechia based manufacturer, we pay homage to the past, bringing you a new icon, the SVOPATT™.

Light source

9 modules - each module containing 7 x 40W RGBW Multichips, middle pixels containing additional 200W white strobe LEDs

Light output

75.000 lm, 118.000 lx

Zoom range

3,8° - 50°

Effects

Cpulse™ - Flicker Free Management, L3™ dimming system for ultra-smooth fade to black, AirLOC™ (Less Optical Cleaning), Motorised exceptionally quiet zoom, Wireless CRMX™, Epass™: Ethernet pass through switch, RLCT™ Innovative lens coating technology, Electronic strobe effect

Transforming into the modern age, you cannot fail to make an impact with the SVOPATT™ both as a scenic element and a source of captivating effects. With nine individual modules each containing 7 x 40W RGBW multichips and the centre pixel also containing a 200W white LED strobe, the fixture generates over 75.000 lm (integrating sphere). You have a source worthy of its lineage.

Helping to maintain this high level of performance, the RLCT™ lens coating protects against scratches and scuffs while preventing particle adhesion, ensuring your optics stay cleaner for far longer.

With a multitude of modes and protocols, including ArtNet and sACN ensuring easy pixel mapping; a choice of RGB or CMY colour mixing modes; variable CCT range from 1.700K to 20.000K; onboard DataSwatch™ colour library with 66 preset colours, and tungsten lamp emulation, the SVOPATT™ provides a comprehensive colour control set.

Each individual module contains a noise-dampened motorized zoom. With a range of 3.8° - 50° you can create tight beams or wide washes from each individual module.

ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Designed for noise-sensitive environments, the SVOPATT™ operates at an ultra-quiet 18 dB(A) in quiet mode due to its advanced AirLOC™ cooling technology and noise dampening design. Along with Cpulse™ software for on-screen flicker removal and +/- green content control, this luminaire is ideal for studio environments.

Network communication is streamlined with REAP™ (Robe Ethernet Access Portal), while the Epass™ Ethernet pass-through switch maintains connectivity even when the fixture is powered off. To maintain the characteristic look of the original, an external power supply is included.

SVOPATT™ - Updating the iconic

ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Technical Specification

Source

- Light source type:
  - 9 modules - each module contains 7 x 40W RGBW multichips
  - Middle pixels contain additional 200W white strobe LEDs
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours

Optical system

- Robe's proprietary optical design
- High-efficiency zoom optical system, ratio 13:1
- Zoom range: 3.8° - 50°
- Fixture total lumen output:
  - 75.000 lm (integrating sphere)
  - 58.500 lm (goniophotometer)
- Illuminance: 118.000 lx @ 5 m
- RLCT™ Innovative lens coating technology

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- + - Green correction function
- Individual control of each RGBW pixel
- 9 individually controllable Strobe LED zones
- White light: Variable CCT 1.700K - 20.000K
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4200K (red shift and thermal delay)
- Motorised exceptionally quiet zoom
- High resolution electronic dimming: 0 - 100%
- Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K

ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Control and programming

- Setting & Addressing: ROBE Navigation System 3 (RNS3)

- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding

- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN

- REAP™ - Robe Ethernet Access Portal

- Wireless CRMX™ technology from Lumen Radio

- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity

- DMX Protocol modes: 4

- Control channels: 21, 124, 286, 384

- RGBW / CMY: 8 or 16 bit

- Zoom: 8 or 16 bit

- Dimmer: 8 or 16 bit (internal 18 bit)

Movement

- Pan movement: Manual

- Tilt movement: Manual

Thermal specification

- Maximum ambient temperature: 45°C (113°F)

- Maximum surface temperature: 80°C (176°F)

- Minimum operating temperature: -5°C (23°F)

- Maximum SVOPATT™ Driver surface temperature: 50°C (122°F)

Noise Levels

- Sound pressure level:
    - 18 dB(A) at 1 m (quiet mode)
    - 34 dB(A) at 1 m (auto mode)

- Sound power level:
    - 26 dB(A) (quiet mode)
    - 42 dB(A) (auto mode)

ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Electrical specification and connections

- SVOPATT™ Driver
  - Power supply: Electronic auto-ranging
  - Input voltage range: 200-240 V, 50/60 Hz
  - Power consumption: Max. 2400 W
  - Power connector in: Neutrik powerCON TRUE1
  - DMX and RDM data in/out: Locking 5-pin XLR connectors
  - Ethernet port in/out: RJ45, for Embedded Epass™ switch 10/100 Mbps
  - Power connector out: Amphenol connector
- SVOPATT™
  - DMX and RDM data in: Locking 5-pin XLR connector
  - Power connector in: Amphenol connector

Approvals

- CE Compliant
- cETLus Compliant

Mechanical specification

- SVOPATT™
- Height:
  - 435 mm (17.1") - without yoke
  - 545 mm (21.5") - with yoke
- Width:
  - 1005 mm (39.6") - without yoke
  - 1162 mm (45.7") - with yoke
- Depth: 216 mm (8.5")
- Weight: 37.3 kg
- SVOPATT™ Driver: 6.5 kg
- Ingress protection rating: IP20

ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Rigging

- SVOPATT
  - 2x Omega bracket (top and bottom)
  - 2x Safety cable attachment point
  - Can be merged to a wall of light
- SVOPATT™ Driver
  - 1x Omega bracket
  - 1x Safety attachment point

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector
- Jumper Cable: 2m

Optional accessories

- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Omega Adaptor CL-regular 2 pcs: 10980033
- Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Single Top Loader Case: 10120358
- Dual Top Loader Case: 10120360

Legal

- SVOPATT™ is a Trademark of Robe lighting s. r. o.
- SVOPATT™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents