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

Tel: +420-571-751500
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onePATT™

Another member of the extended PATT family of retro-style lighting fixtures, onePATT is a RGBW multichip, high-powered, multicolored LED fixture housed in a super slim, lightweight, brushed metal retro-style frame.

Light source

40W RGBW LED multichips

Effects

Individual control of each RGBW pixel, Tungsten lamp emulation

The unit's high light output can be pixel mapped and therefore controlled and used for large scale matrix applications, as well as individual illuminating needs.

It features an integrated intelligent electronic Control System that guarantees flicker-free driving, protection from overheating and together with remote addressing, calibration and status messaging with a Power Supply unit, it ensures easy, remote maintenance and long term reliability. For easy installation the onePATT can be connected or disconnected from the PATT Driver under power.

Total quantity of seven onePATTs can be connected to the PATT Driver – a power and data box specifically designed for pixlePATT, PATT 2017 and onePATT family of products.

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Technical Specification

Source

- Light source type: 40W RGBW multichips
- LED life expectancy: min. 20.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
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- LED life expectancy: min. 20.000 hours
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Optical system

- 200mm parabolic aluminium reflector with special gold-brown coating
- half-ball diffusor dome distributing light evenly from RGBW LED source inside of the reflector
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- half-ball diffusor dome distributing light evenly from RGBW LED source inside of the reflector

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches

Control and programming

- PATT Driver: external
- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM, ArtNet, Kling-Net, sACN
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Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 70 °C (158 °F)
- Minimum operating temperature: -5 °C (23 °F)

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- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 70 °C (158 °F)
- Minimum operating temperature: -5 °C (23 °F)

Electrical specification and connections

- PATT Driver:
  - Power supply: Electronic auto-ranging
  - Input voltage range: 100 - 277 V, 50/60 Hz
  - Power consumption: 240 W
  - Power in/out connector: Neutrik powerCON TRUE1 in/out
  - DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
  - Embeded Ethernet switch 10/100 Mbps: 1x IN/1x Out
  - Ethernet port in/out: RJ45
  - Power and Data out: Locking 4-pin XLR (from PATT Driver to the onePATT)
- onePATT:
- PATT Driver:
  - Power supply: Electronic auto-ranging
  - Input voltage range: 100 - 277 V, 50/60 Hz
  - Power consumption: 240 W
  - Power in/out connector: Neutrik powerCON TRUE1 in/out
  - DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
  - Embeded Ethernet switch 10/100 Mbps: 1x IN/1x Out
  - Ethernet port in/out: RJ45
  - Power and Data out: Locking 4 -pin XLR (from PATT Driver to the onePATT)
- onePATT:

Approvals

- CE Compliant
- cETLus Compliant (pending)
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Mechanical specification

- onePATT:
  - Height: 321 mm (12.6")
  - Width: 309 mm (12.1")
  - Depth: 150 mm (5.9")
  - Weight: 1.6 kg (3.5 lbs)
- PATT Driver:
- onePATT:
  - Height: 321 mm (12.6")
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  - Depth: 150 mm (5.9")
  - Weight: 1.6 kg (3.5 lbs)
- PATT Driver:

Rigging

- Mounting points:
  - Driver: 1x Half-couple clamp, 1x Safety attachment point
  - onePATT: 1x 13mm hole for Clamp mounting
- Operating position:
- Mounting points:
  - Driver: 1x Half-couple clamp, 1x Safety attachment point
  - onePATT: 1x 13mm hole for Clamp mounting
- Operating position:

Included items

- User Manual
- User Manual

Optional accessories

- PATT Driver:
  - Standard version 10055002
  - Wireless version 10055004
- Doughty Trigger Clamp: 17030386
- PATT Driver:
  - Standard version 10055002

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- Wireless version 10055004

- Doughty Trigger Clamp: 17030386

Legal

- onePATT™ is a trademark of Robe lighting s.r.o.

- onePATT™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

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