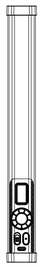
MITOYA

MITOYA PIKE 120 RGB LED Light



Manual

Thank you for choosing MITOYA products! PIKE 120 RGB is a tube-shaped LED video light. The light is an electrical device; improper use may cause malfunction or injury. Before using the product, please read this manual carefully.

PRODUCT OVERVIEW

PIKE 120 RGB is a 38 W LED video light. It can emit natural CCT light with adjustable color temperature from 2500-9900 K, operate in RGB color mode controlled via HSI (hue, saturation, intensity), or use one of 21 themed EFFECT modes. A high CRI of 96+ in CCT mode ensures accurate color reproduction. Light settings are easier to manage thanks to the auxiliary TFT display. The light has a built-in lithium-ion (Li-ion) battery consisting of four 2500 mAh 14.8 V cells. Charging is done via the USB-C port. A 1/4" threaded mount allows the light to be installed on photo and lighting stands.

KEY FEATURES

→ Smooth brightness adjustment
→ Wide CCT color temperature adjustment range
→ Precise RGB color control
→ Practical themed modes
→ Built-in battery charged via USB
→ Built-in diffuser
→ Soft, nicely diffused light

PACKAGE CONTENTS

MITOYA PIKE 120 RGB LED light
USB charging cable
Carrying case
User manual

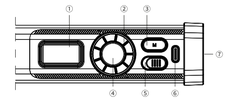
WARNINGS

- The light has a built-in lithium-ion (Li-ion) battery; protect it from heat and fire.
- The light is not weather-sealed; protect it from moisture, rain, and dust.
- The light is not shock-resistant; protect it from mechanical damage and drops.
- Do not aim the light near the eyes; intense light may cause eye damage.
- Use only a compatible charger to charge the battery; incorrect voltage/current (V, A) may cause permanent damage or a power network failure.
- The light is not designed to operate while charging. Do not use the light when connected to a power source; this may cause overheating and negatively affect battery life.
- Lithium-ion (Li-ion) batteries degrade over time and lose their original performance; this is normal.
- To maintain maximum battery life, charge it regularly, at least once a month. If the light will not be used for a long period, charge it before planned use.
- The permitted operating temperature is 0–35°C. The light has overheating protection; it switches off automatically if it overheats.
- If the light is used in a higher-temperature environment or heats up beyond this range, and the overheating protection does not activate properly, stop using it and contact service.
- Stop using the light if the housing is damaged, internal components are visible, the light emits an unpleasant odor, or smoke comes out of it.
- After use, wait until the housing cools down before packing it into a bag/box.
- Store the device out of reach of children and pets in a dry, ventilated place.

Do not disassemble the housing or attempt repairs yourself.

This device has Class III protection rating.

PARTS



1) TFT display
2) Function dial
3) MODE button (changes operating mode
4) Select button (confirms the selected parameter)
5) Power switch
6) USB-C port (for charging)
7) 1/4" mounting thread

TFT DISPLAY

9) Battery level indicator
10)Mode: CCT (natural light), HSI (RGB light), EFT (EFFECT / preset themed programs)
11) Color temperature (K)
12) Brightness (%)
13) H (hue): 0-360°
14) S (saturation): (%)
15) Themed program number
16) Themed program name

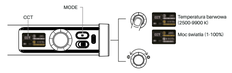
USAGE

- Power on

→ To turn on the light, slide the ON/OFF switch.

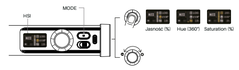
- **CCT mode (Correlated Color Temperature)**

→ Press MODE and switch to CCT mode.
→ Use the function dial and the select button to adjust color temperature and brightness.



- **HSI mode (RGB)**

→ Press MODE and switch to HSI mode.
→ Use the function dial and the select button to adjust hue, saturation, and brightness (intensity).
→ Hue selection uses a 0-360° scale, where the extreme values (0, 360°) correspond to red. For green, set approximately 120°. For blue, set approximately 240°.



- **EFFECT mode (themed programs)**

→ Press MODE and switch to EFFECT mode.
→ Use the function dial and the select button to choose a program and adjust its brightness.

MITOYA PIKE 120 RGB offers 21 preset themed programs that imitate natural and artificial lighting effects. For easier operation, each mode has a system code, a common name, and an icon.

PIKE tekst z instrukcji

THEMED PROGRAMS

Flash	Strobe 3
Flash (fast)	HUE 1 (color loop)
TV Screen	HUE 2 (color loop)
Candle	HUE 3 (color loop)
Flame 1	Fireworks 1
Flame 2	Fireworks 2
Police Car	Fireworks 3
Ambulance	Club 1
Fire Truck	Club 2
Strobe 1	Romantic Mood
Strobe 2	

MOUNTING THE LIGHT ON A STAND

MITOYA PIKE 120 RGB has a 1/4" threaded mounting hole located on the bottom edge. The 1/4" thread is compatible with a wide range of photography tripods, lighting stands, and mounting accessories.

Mounting does not require additional tools.

CHARGING

MITOYA PIKE 120 RGB has a built-in lithium-ion (Li-ion) battery. Power is supplied by four 2500 mAh 14.8 V cells. Power consumption is 38 W.

The battery is charged via the USB-C port: 5–20 V (max 60 W). During charging, a flashing battery icon appears on the TFT display, indicating correct operation.

WARNING! MITOYA PIKE 120 RGB is not designed to operate while charging. Do not use the light when connected to a power source - this may cause overheating and negatively affect battery life and condition.

TECHNICAL SPECIFICATIONS

Number of LEDs	560 (112 × RGB, 224 × CCT)
Brightness adjustment	1-100%
Color temperature rangej	2500-9900 K
RGB control (HSI)	HSI 0-360°
Color rendering	96+
Illuminance	3700 Lux @ 0,5 m (9900 K)
Power consumption	38 W
Battery type	Lithium-ion (Li-ion)
Battery capacity	2500 mAh 14,8 V × 4
Charging port	USB-C 5–20 V 60 W max.
Charging power	light off - 30 W max light on - 20 W max
Cooling system	Passive
Dimensions	1206 × 37 × 37 mm
Manufacturer/Model	Mitoya Pike 120 RGB
SKU	MTYPIKE120RGB

- The manufacturer reserves the right to change the information contained in this manual without prior notice.

SAFETY AND DISPOSAL

The CE mark on the device confirms that the product meets the requirements of applicable European Union directives on safety, health, and environmental protection.

The WEEE symbol indicates that the device contains power components subject to separate collection. Do not dispose of the product or its battery with household waste. Return used equipment to designated collection points for electrical and electronic equipment or batteries.

Remember: proper disposal helps protect health and the environment!

MANUFACTURER / IMPORTER

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