

KSH2xy-Ex

Portable Safety Lamp with multiple patterns in dual colours



Zones 0, 1, 2; Gas Groups IIA, IIB, IIC; Temperature Classes T1~T3



KSH2xy-Ex is a very flexible model with two colours to choose from. "x y" specifies colours. Default type is KSH2ry-Ex in Red and Yellow but you can specify other colors in orders using "x y". There are 5 operating modes available in different colours, patterns and LED numbers.

Ex ia IIC T3 IP67

OPERATIONS

LEDs can be in stable 10-LEDs on in either colour for the best signal strength or flashing 4-LEDs in either colour for a long operation and a better visual effect. It also can flash between two colours with 4-LEDs. With these flexible options, there are 5 operating modes.

- ▲ Press the button to turn it on;
- ▲ Press the button in any mode to go to next mode;
- ▲ Press and hold the button for 2 seconds, the lamp is switched off;
- ▲ When switched on, the lamp starts from current mode. Therefore, when a favourite Operating Mode is used, the lamp turns to a single mode lamp staying in this mode as long as the battery is not flat.

Operating Modes (KSC2rb-Ex)

Other colours can be specified in ordering

LED					
Colour	Red		Blue		Red/ Blue
Pattern	Stable	Flash	Stable	Flash	Flash
LED#	10	4	10	4	10

FEATURES

- ▲ Strong signal intensity & long signal distance;
- ▲ Long operating time;
- ▲ Adjustable lamp angle facilities to point toward the desired direction;
- ▲ Extremely light weight, so easy to wear and mount;
- ▲ Various accessories make it extremely convenient to mount or wear in multiple positions;
- ▲ Constructed from impact resisting material with a fully integrated sealed structure, designed for severe outdoor environments;
- ▲ Strong protection from over voltage, over current and over discharge.

Typical Application

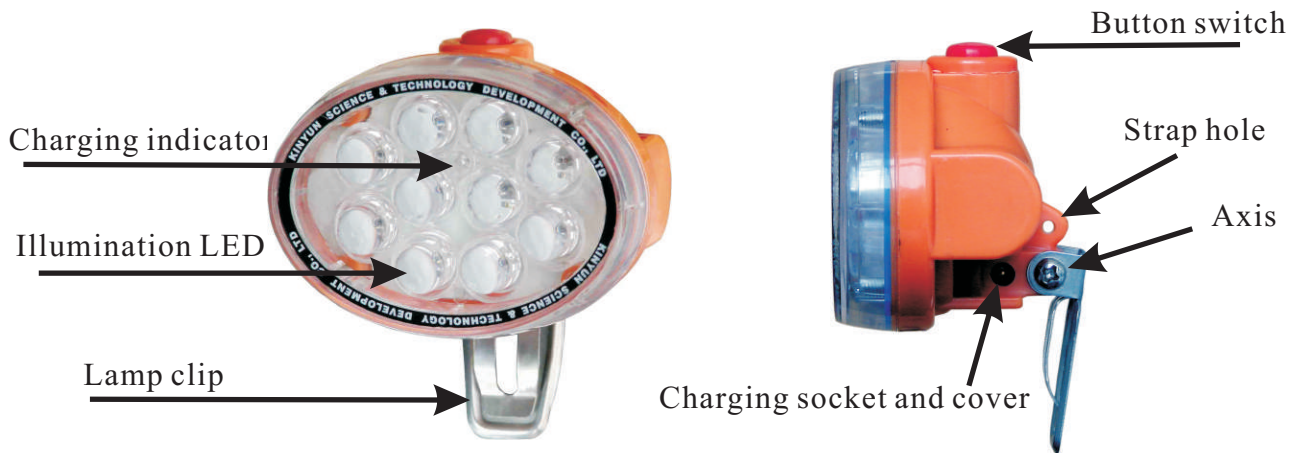
Vehicle indication: Attached on the back or front of a vehicle
Site warning: Mounted either on a pole, support, wall, tank, equipment or other objects
Emergency: Installed at an emergency site
Personal safety: Worn on either the belt or the helmet
Traffic control: Used as a handheld or fixed traffic light.
Others: Such as sending messages for evacuation, danger and state report.

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STRUCTURE



MOUNTING/WEARING METHODS

Fixed location: Screw or glue a Lamp Bracket to an object then clip the lamp on it.

Mobile location: Clamp a Magnetic Clamp Bracket to an object then clip the lamp on it.

On metal object: Magnetically attach a Magnetic Bracket Clamp to metal object then clip the lamp on it.

On belt: Attach a Belt Worn Bracket on the belt then clip the lamp on it.

On Helmet: For miner's helmet, simply fit the lamp in the lamp bracket on the helmet. For a plain hard cap, wear a Cap Strap or mount a Lamp Bracket on the hard cap then clip the lamp on it. The lamp also can be worn in side-ways using our Side Lamp Bracket.

Hold in the hand: Hold the lamp in hand. Wrist Strap can help secure the lamp.

Other ways: Various other accessories provided for your convenient applications including Bar bracket, Head strap, Tripod and others.



CHARGING FACILITIES

Mains Charger: Charge the lamp from a Mains outlet (*standard accessory in every package*).

Vehicle Charger: Charge the lamp from the cigarette lighter in a car or truck (12/24VDC).

Charging Banks: Three models available to charge 8, 36 or 52 lamps together from different powers.

SPECIFICATIONS

Operating time:	11 hours (All LEDs on in red)
Charging time:	8 hours
Battery:	2AH, 3.7V
Battery lifetime:	80%C after 500 full charging cycles
LED lifetime:	30,000 hours
Weight:	115 g
Enclosure:	IP67
Warranty:	1year replacement

CERTIFICATION

Intrinsically Safe



IP67

Ex Code:	Ex ia IIC T3
Certificate #:	IECEX TSA 10.0006X ANZEx 10.3012X
Standards:	General Ex Standard: IEC66079-0 Intrinsically Safe Standard: IEC66079-11 Ingress Protection Standard: AS60529