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WARNING:

Dear valued customer, thank you very much for purchasing this product! Please Properly read and understand this manual before using this product.

1. Some headlamps use 18650 batteries for power supply. Please install the batteries in the correct direction (*+ means positive and *- means negative).
2. The product is equipped with an indicator light. When charging, the indicator light is red, and when it is fully charged, the indicator light is green/blue. When the battery is low, the indicator light will flash red.



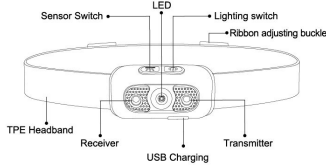
• Charging • Full Charged

1.1 USB charging instruction chart

3. Do not shine directly in eyes. Powerful LED light can damage eyesight immediately.
4. Only use provided charging equipment for charging.
5. If the battery isn't used for a very long time, please recharge and discharge it every 3 months to keep the battery in good condition.
6. It's normal that the headlight will get a little hot when it is used for a long time.
7. Please recharge the battery as soon as possible when indicator light shows low power.
8. Please keep the battery away from water, moisture and drop etc.
9. To avoid any damage to headlamp's surface, please don't constantly expose headlamp to sunlight, water, chemicals, corrosive gases or any other oxidizing environments.
10. All product parameters provided in this manual are our laboratory data, for reference only, and there is no actual way to use it.
11. As our series of products will be continuously upgraded, this manual can still be applied to the subsequent series of products.

1

HL05 HL05-X INSTRUCTIONS



INSTRUCTIONS

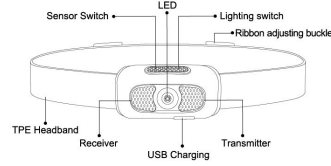
1. HL05/HL05-X headlamps are available in black and orange.
2. HL05/HL05-X both have 3 modes. Click the left button to turn on strong light, continue to click the left button to adjust, and press "strong light - medium light - weak light - shutdown" successively. In any first gear mode, long press the left button for 2 seconds to enter SOS mode.
3. Click the right button, the blue indicator light is always on, to open the induction mode, continue to click the right button to close the induction mode. Manual induction is available at any gear position, and the sensing distance is 10CM.
4. The illumination angle of the light source of the headlamp can be adjusted between 0 and 60 to meet various illumination requirements. (As Figure 1.3)
5. The headlamp is equipped with a USB charging port, and the headlamp can be charged with chargers, power banks, computers and other devices. The red light is always on when charging, and the green light is always on when full.

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL05	500Lm	Battery inside (850mAh)	USB cable	4 modes (Stro/ Mid/Weak)
HL05-X	500Lm	Battery inside (850mAh)	USB cable	Modes/Main LT/Auxiliary/Main (Auxiliary/red LT/red strobe)

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HL05-C INSTRUCTIONS



INSTRUCTIONS

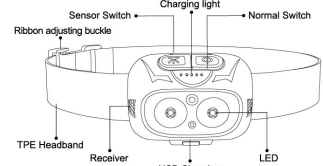
1. HL05-C have five lights modes. Press the button, turn on the power supply, press the button continuously to shift gears, and then press the cycle of "strong white light-middle white light-weak white light-red light is always on-red light SOS-shutdown". If you continue to press the gear shift, you must complete the switching within 4 seconds. If it exceeds 4 seconds, press the button to turn off the light source. HL05-C has no sensing function.
2. The illumination angle of the headlamp can be adjusted between 0 and 60 to meet various illumination requirements.
3. The headlamp is equipped with a USB charging port, and the headlamp can be charged with chargers, power banks, computers and other devices. The red light is always on when charging, and the green light is always on when full. (As Figure 1.3)

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL05-C	200Lm	built-in battery 702535(500mAh)	USB cable	5 modes/White LT: Stro/ Mid / Low Red LT: SOS

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HL05-S INSTRUCTIONS



INSTRUCTIONS

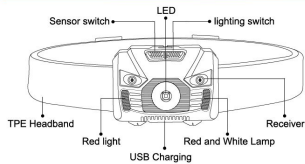
1. HL05-S have three lights modes. Press the left switch key to turn on the headlights, the white indicator light is always on, and then press the shift (white/light-yellow light-off cycle). Double-click the button on the left in any gear to enter the red flash gear, and press again to turn off the light source.
2. Stepless dimming operation: press the left switch key to turn on the headlights, and press and hold the dimming (the lights change from bright to dark or from dark to bright)
3. Click the right button, the blue indicator light is always on, to open the induction mode, continue to click the right button to close the induction mode. Manual induction is available at any gear position, and the sensing distance is 10CM.
4. The illumination angle of the light source of the headlamp can be adjusted between 0 and 60 to meet various illumination requirements. (As Figure 1.3)
5. The headlamp is equipped with a USB charging port, and the headlamp can be charged with chargers, power banks, computers and other devices. The red light is always on when charging, and the green light is always on when full.

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL05-S	500Lm	built-in battery (1800mAh)	USB cable	3 modes (white LT/yellow LT/red LT strobe)

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INSTRUCTION FOR HL06 HL06-X



INSTRUCTIONS

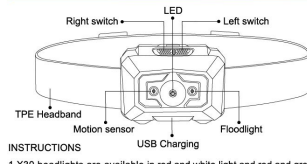
1. HL06/HL06-X headlamp has 6 modes. Click the right button, turn on the white light and strong light, continue to click the right button to shift, and press "strong light - weak light - strobe - shutdown" successively. In any white light mode, long press the right button for 1.5 seconds to keep the red lights on both sides, continue to click the right button to adjust the gear, and press "red light keeps on - red light strobing - power off" successively. In any red light gear mode, long press 1.5 seconds to switch to white light and strong light.
2. Hand-wave sensor function: Press the left button, and the blue light will turn on the induction mode. Continue to press the left button to turn off the induction mode. Any gear into the induction mode manual sweep is strong light. Manual sweep sensing distance of 10CM.
3. The illumination angle of the light source can be adjusted between 0 and 60 to meet various illumination requirements.
4. The headlamp is equipped with a USB charging port, and the headlamp can be charged with chargers, power banks, computers and other devices. The red light is always on when charging, and the green light is always on when full. (As Figure 1.3)

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL06	500Lm	Battery inside (1200mAh)	USB cable	1 modes
HL06-X	300Lm	Built in battery (1800mAh)	USB cable	1 modes(right : on/off; 3 modes strobe/weak/SOS); 2 modes : strong/SOS

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INSTRUCTION FOR HL09/X30 series



INSTRUCTIONS

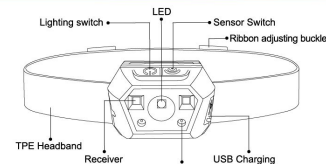
1. X30 headlamps are available in red and white light and red and green light sources. HL09/X30 red and white light source headlamps have five gear modes. Press the button to turn on the light source, press the button to shift gears, and then cycle in the order of "main light-auxiliary light-main and auxiliary light-red light is always on-red light flashes-shutdown". It is necessary to complete the switching within 2 seconds if you continue to press the shift key. If it exceeds 2 seconds, press the button to turn off the light source. Any gear has gear memory.
2. X30 headlamp has 5 lighting modes in red and green light source style. Press the right button to turn on the light source, and press "white light condensing-white light flooding-white light condensing and flooding-red light always on-green light turn-off" in turn. Press the left button to turn on the induction mode, and the blue light is always on. (As Figure 1.4)
3. Sensing function: When the sensing switch is pressed, the blue indicator light is always on. Hand scanning can be used in any gear, and the distance of hand scanning is 10cm.
4. The illumination angle of 4.HL09/X30 headlamp can be adjusted from 0 to 60 to meet various illumination requirements.
5. HL09/X30 headlamp are equipped with a USB charging port, and the headlamp can be charged with chargers, power banks, computers and other devices. The red light is always on when charging, and the green light is always on when full. (As Figure 1.3)

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL09	500Lm	built-in battery (1200mAh)	USB cable	Modes/Main LT/Auxiliary/Main (Auxiliary/LT/red strobe)
X30	500Lm	built-in battery (1800mAh)	USB cable	Modes/Main LT/Auxiliary/Main (Auxiliary/LT/red strobe)

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INSTRUCTION FOR HL13 series



INSTRUCTIONS

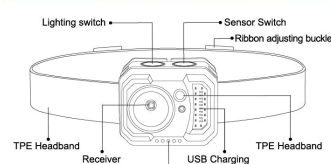
1. HL13 has four lights modes. Press the right side of the top of the headlight to turn on the white light and strong light gear, press the gear shift continuously, and then press (white light and strong light-white light and weak light-white light flashes-yellow light-off) to cycle. Press the switch for about 2 seconds in any gear to shut down. Power-on status: the right green indicator light is always on.
2. Wave sensing function: Press the left sensing switch to start the sensing mode, and the sensing distance is 5cm. Any gear has a sensing function. When the sensing function is turned on, the red indicator light on the right side is always on.
3. HL13 can be adjusted between 0 and 60 to meet various illumination requirements.
4. HL13 headlights are equipped with USB charging interface, which can be charged by chargers, charging treasures, computers and other equipment. The red indicator on the right side is always on when charging, and the green/blue indicator on the right side is always on when full. When the headlight is low in power, the indicator light flashes red. (As Figure 1.3)

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL13	500Lm	rechargeable Li-ion battery	USB cable	5 modes (white high spot LT/white medium spot LT/white low spot LT/yellow light)

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INSTRUCTION FOR HL19 series



INSTRUCTIONS

1. HL19 headlamp has five lights modes, and the auxiliary lamp (COB lamp) has one lights mode. Press the button on the right to turn on the main light source, continue to press the gear shift, and press the cycle of "strong light-weak light-flashing-red light always on-red light flashing-off" in turn. Press and hold the gear shift to complete the switching within 2 seconds, and press and hold for more than 2 seconds to turn off the light source. Long press the right button for 1 seconds to turn on/off the auxiliary lamp (COB lamp) light source.
2. Wave sensing function: Press the left button to turn on the sensing mode. Hand scanning can be used to start/shut down in any gear within 10cm. The blue indicator is always on when the sensing function is turned on.
3. HL19 has gear memory function, which can remember the last gear when it was closed for a long time.
4. HL19 can be adjusted from 0 to 60 to meet various illumination requirements.
5. HL19 is equipped with type-C charging interface, which supports "forward and backward insertion". You can use chargers, charging treasures, computers and other equipment to charge the headlamps. Green/blue indicator lights up when charging, and always lights up when full. When the headlight is low in power, the indicator light flashes red. (As Figure 1.3)

PRODUCT PARAMETERS

Items	Theoretical Brightness	Battery Type (Battery Capacity)	Charging way	Light Modes
HL19	500Lm	rechargeable Li-ion battery	USB cable	6 modes (white/High/Low/strobe/red/stable/strobe/COB stable)

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APPLICATION SCENARIO



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