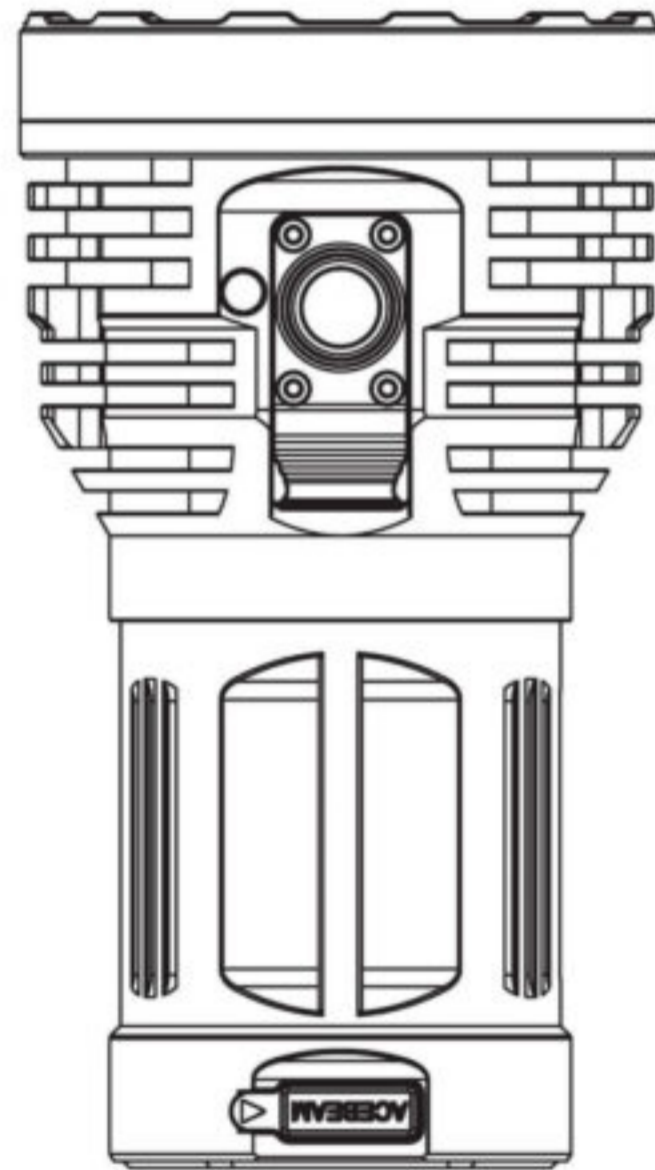




User Manual



X50

Multipurpose Handheld Searchlight

FEATURES

- Utilizes 8 x CREE XHP70.2 LEDs with a max output of 40,000 lumens
- Maximum beam intensity of 160,000cd and maximum throw of 800 meters
- Beam angle is up to 120°, wider range of seeing
- A step-down constant current circuit design with an efficiency rate up to 98%
- Built-in 10.8V/4250mAh Li-ion battery pack
- Fast USB Type-C charging with discharging function available
- 1.8 hours for full charging, 1.5 hours for full charging over 90%
- Built-in intelligent adaptive charging and discharging function and protocols of QC 3.0 & PD3.0
- Built-in intelligent temperature overheat protection
- Reliable mechanical safe lock-prevents accidental activation
- Detachable handheld handle meets various lighting demands
- One single stainless steel switch provides access to all functions
- Hardened dual AR coated, 99% transmittance glass
- Made of durable A6061-T6 aluminum alloy, provided a rigid structure and a fast cooling efficiency
- Premium type HAIII hard-anodized anti-abrasive finish
- Rating in accordance with IP66
- Impact resistant to 1 meter
- Size: 135.2mm x 75mm x 51.5 mm / 5.32" x 2.95" x 2.02"
- Weight: 690g/24.3oz (Including battery pack)

INCLUDED

1x Acebeam X50 flashlight(built-in battery pack); 1x Detachable handle; 1x Charging adapter; 1x USB Type-C charging cable; 1x Holster; 1x UNC1/4" screw; 2 x Spare O-rings; 1x lanyard; 1x Warranty card; 1x User manual; 1x Battery warning card

TECHNICAL PARAMETER

FL1 STANDARD	Turbo	High	Med3	Med2	Med1	Low	Ultra-Low	Strobe
6500K	40000 lumens	26000 lumens	14000 lumens	6500 lumens	2250 lumens	650 lumens	230 lumens	12000 lumens
🕒	1h 30min	1h 45min	1h 50min	2h	3h 40min	11h	24h	1h 45min
📏	800m	620m	473m	350m	240m	120m	/	/
🔦	160,000cd	96,100cd	55,932cd	30,625cd	14,400cd	3,600cd	/	/
5000K	38000 lumens	24000 lumens	13500 lumens	6200 lumens	2150 lumens	600 lumens	200 lumens	12000 lumens
🕒	1h 30min	1h 45min	1h 50min	2h	3h 40min	11h	24h	1h 45min
📏	750m	600m	460m	330m	230m	110m	/	/
🔦	140,625cd	90,000cd	52,900cd	27,225cd	13,225cd	3,025cd	/	/

Notice: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by ACEBEAM through its laboratory testing using the 10.8V/4250mAh rechargeable battery pack. The actual performance of this model may vary according to different working environments. The Turbo output is measured in a total of runtime including output at step-down levels due to temperature regulation or protection mechanism.

OPERATING INSTRUCTION

On/Off: Single click the switch to turn on/off the light

Mode Selection: When the flashlight is ON, press and hold the switch to cycle from Low→Med1→Med2→Med3→High, loosen the switch at your selected mode.

Turbo: Double click the switch.

Strobe: Triple click to access Strobe mode regardless of On/Off status

Ultra-Low: When the flashlight is OFF, press and hold the switch for 0.5 second to enter Ultra-Low.

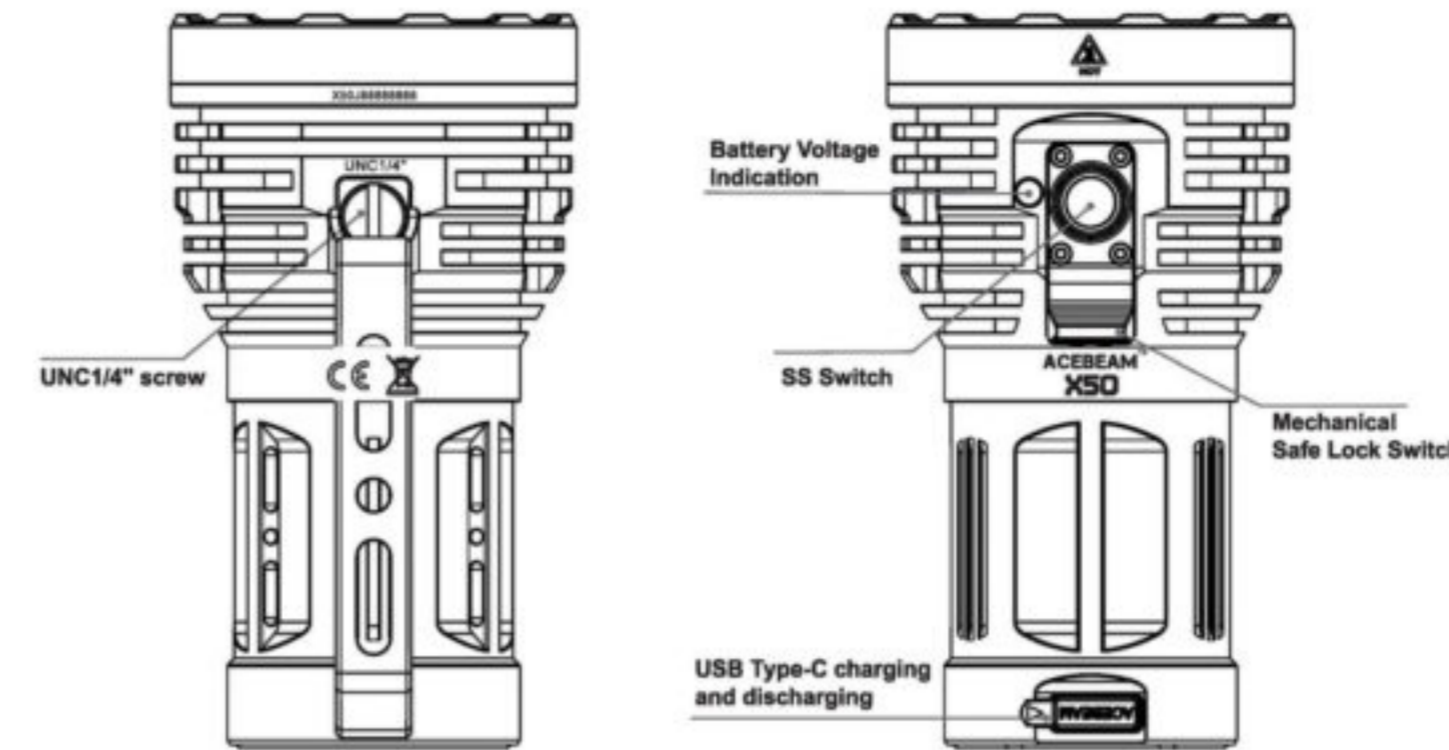
Lockout Function

Mechanical Safe Lock Switch: Push the switch for lock, pull the switch for unlocking.

Intelligent Memory Circuit

The flashlight memorizes the last selected output excluding Ultra-Low and Turbo. When turned on again the previously used output will be recalled.

The flashlight does not memorize Ultra-Low, Turbo mode and Strobe.



CHARGING

1. Switch off the light and plug the USB-C charging cable into the standard adapter, then connect the USB Type-C socket of the charging cable to the light.
2. Intelligent identified charging function, When charging, the indicator will be Red Constant-ON, The indicator will be OFF after charging is completed.
3. Be sure to close the anti-dust cover once charging is completed.

POWER BANK FUNCTION

1. Switch off the light and connect the USB Type-C socket of the charging cable to the light, then connect the USB Type-C socket of the charging cable to the digital device with a USB Type-C port.
2. Intelligent identified discharging function, When discharging, the indicator will be Red Constant-ON.
3. Be sure to close the anti-dust cover once charging is completed.

Note: A. While all modes are available when charging or discharging.

B. The normal charging time is approximately 1.8 hours from depletion to full charging with the included standard adapter.

C. Recharge a stored light every four months to maintain optimum performance of the battery

D. When connecting to the power bank with same PD protocol, it might fail to charge if the protocols are not compatible with the device. Eg: Power bank is charging X50, or X50 is charging power bank.

BATTERY LEVEL INDICATION

The indicator will display the battery status of the under mode working:

Green Constant-ON: 100% ~ 30%

Red Constant-ON: 30% ~ 10%

Red Flash: <10%

LOW-VOLTAGE WARNING

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Ultra-Low output is reached.

When the voltage level drops still low under Ultra-Low output, it will shut off automatically.

INTELLIGENT OVERHEAT PROTECTION

The light will accumulate a lot of heat when used at high-output mode for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down lumens to reduce the temperature.

WARNING

1. DO NOT shine the flashlight directly into anyone's eyes to prevent visual impairment to the user or others.
2. This flashlight is recommended use for adult or under adult supervision.
3. Keep the product in a safe place out of reach of children.
4. This flashlight is capable of emitting intense heat when turning on for a long period of time.

- Remember to install the handle before using. Avoid touching the appearance of the flashlight.
5. DO NOT shine an object at close range, cover the flashlight, or place the head face down when it is on. The heat built-up may objects to burn or even result in unexpected disasters.
 6. DO NOT immerse the flashlight in seawater or other corrosive media as it will damage the light.
 7. Please turn the flashlight off and make sure that its lock out if it is left unused, carried or transported. The heat built-up due to accidental activation may melt the lens of the flashlight, cause close objects to burn, or even result in unexpected disasters.

USAGE AND MAINTENANCE

1. Unauthorized disassembly may damage the light and void the warranty.
2. Lubricate the threads with professional grade lubricant regularly.
3. Please swap out the O-rings regularly to maintain the water resistance level.
4. Maintain and keep clean any contact surfaces of the flashlight with alcohol swab. This may prevent irregular flashes during use.
5. Under poor battery level, please recharge the battery.

PRODUCT WARRANTY

- 15 days free replacement: Acebeam will replace a new product within 15 days of purchase for any manufacturing defects if problems come into being in normal use; We will replace it with the same model. If the model has been discontinued, customers will receive a product with similar or improved model.
- 5 years repair: Acebeam will offer free repair within 5 years for lights from the date of purchase if problems develops with normal use. Different warranty period for different products:
- Built-in battery pack flashlights, Rechargeable batteries, cables, chargers, head mount, bike mount, remote pressure switch and accessories 1 year

Warranty certificate: During the warranty period, the consumer shall contact the dealer with Acebeam Limited's quality assurance card, purchase invoice or receipt, and the dealer shall provide service to the consumers, and our company will provide service support to the dealers.

The free warranty does not apply to any of the following situations:

- A. Defective due to normal wear and tear
- B. Defective due to rough handling
- C. Product defect or damage caused by battery leakage or battery misuse.



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