ACEBEAM
Light Where You Want It

User Manual

X80

PORTABLE MULTI-ROLE WORKING LIGHT
12 x CREE XHP50.2 25,000Lumens
2 x CREE XPE2-R2 630nm 270Lumens
2 x CREE XPE2-G3 530nm 350Lumens
2 x CREE XPE2-B4 475nm 170Lumens
1 x Nichia 276A 365nm 2Lumens

Features
- Utilizes 12 x CREE XHP50.2 LED to emit maximum output of 25000 Lumens.
- Equipped with 2 x CREE XPE2-R2 630nm Red / 2 x CREE XPE2-G3 530nm Green / 2 x CREE XPE2-B4 475nm Blue / 1 x Nichia 276A 365nm UV light.
- Intelligent memory function (special modes can not be memorized).
- Intelligent highly efficient circuit board design for max performance and long run time.
- Intelligent temperature controlled light output for user safety.
- Strobe / SOS mode for tactical and emergency use.
- Aircraft grade aluminum body structure.
- Premium type III hard anodized anti-abrasive finish.
- Ultra-clear tempered glass lens with anti-reflective coating, which achieves a 98.3% light transmittance.
- Smooth reflector for max light output.
- Highly focused beam for maximum distance.
- Tactical knurling for firm grip.
- Streamlined body design.
- Working voltage: 10V to 16.8V.
- Underwater 30 meters(The X80 is a durable flashlight produced by Acebeam,capable ofsurviving accidental immersion to extreme depths of up to 30 metres! However it is not a diving light, and should not be turned on or off underwater).

Specifications
Size: 117.7mm(length)x 65mm(head diameter)x 49mm(tube diameter)
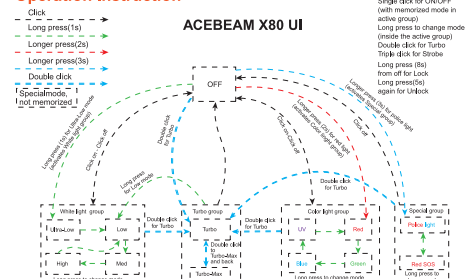Weight: 330g without battery

Accessories
4 x ACEBEAM 3100mAh 18650 batteries, 1 x Holster, 1 x Lanyard, 2 x O-rings,1x User manual, 1 x Warranty card, 1 x Battery warning card

Technical Parameter

FL1 ANSI/NEMA	Turbo-Max	Turbo	High	Mid	Low	Ultra-Low	Strobe	Red	Green	Blue	UV
(lumens)	25000 lumens	11300 lumens	5000 lumens	2700 lumens	850 lumens	150 lumens	5000 lumens	270 lumens	350 lumens	170 lumens	0.8W
(time)	1h 15min	1h 30min	1h 30min	3h	8h 30min	52h	3h	9h	10h	6h 45min	17h
(distance)	333m	220m	142m	115m	60m	24m		23m	23m	22m	8m
(intensity)	27,760cd	12,090cd	5,060cd	3,320cd	906cd	140cd		130cd	134cd	124cd	15cd

Notice: The above-mentioned parameters have been measured in accordance with the international flashlight testing standard ANSI/NEMA FL 1 being tested with 4 x ACEBEAM 3100mAh 18650 batteries, and are approximate and may vary from flashlights, batteries, and environments.
The Turbo output is measured in total of runtime including output at step-down levels due to temperature regulation or protection mechanism.

Operation Instruction

Click
Long press(1s)
Longer press(2s)
Longer press(3s)
Double click
Special mode, not memorized

ACEBEAM X80 UI

Single click for ON/OFF (with memorized mode in active group)
Long press to change mode (inside the active group)
Double click for Turbo
Triple click for Strobe
Long press (8s) from off for Lock
Long press(5s) again for Unlock

OFF

White light group
Ultra-Low Low High Med
Turbo group
Double click for Turbo Turbo Double click to Turbo-Max and back Turbo-Max
Color light group
UV Blue Green Red
Special group
Police light Red SOS

ON/OFF: Single click the switch for ON/OFF.

Lock / Unlock
When the light OFF, long press for 8 seconds.
When the list is Locked, long press for 5 seconds.

White Light Group:
When the light is OFF, long press 1 second and then loosen for Ultra-Low and entry White Light Group, next press and hold the switch to cycle from Low → Med → High(Ultra-Low is not cycled), loosen then at your selected mode. The next ON will memorize the last mode you selected without replace batteries.

Color Light Group:
When the light is OFF, long press 2 seconds and then loosen for Red and entry Color Light Group, next press and hold the switch to cycle from Red → Green → Blue → UV, loosen then at your selected mode. The next ON will memorize the last mode you selected without replace batteries.

Special Group:
When the light is OFF, long press 3 seconds and then loosen for Police Light and entry Special Group, next press and hold the switch to cycle from Police Light- Red SOS, loosen then at your selected mode. Special Group is not memorized.

Turbo & Turbo-Max:
When the light is ON/OFF, double click the switch for Turbo, next double click for Turbo-Max , any next double click cycle from Turbo to Turbo-Max .
Strobe: When the light is ON/OFF, triple click the switch for Strobe(not be memorized).

Warning
1.X80 is a high intensity lighting device and capable causing eye damage, avoid shining the light directly into the eyes.

2.Please do not mix batteries of different brands, sizes, capacity of type.
3.Applications must be treated with caution and handled with care.
4.Quality batteries with circuit production will reduce the potential risk.
5.For combustion or explosion by cell damage or short circuit are potentially risks the users' consumption.
6.When the X80 is stored in a backpack or left unused for extended periods, it is suggested to loosen the tube to cut off the power entirely to prevent the accidental activation of the flashlight.

Usage and Maintenance
- Please do not disassemble the sealed head, doing so can cause damage to the flashlight.
- High-power flashlights needs batteries capable of high current electric discharge. We strongly recommend to use rechargeable batteries for their high performance.
- Please take the battery out of the flashlight if you will not use the light for a long time, or the power of the battery will run out. Otherwise, some poor batteries may leak and damage the light.
- Please replace the O-ring if it becomes damaged after using for a long time, and regularly lubricate the O-ring so as to not erode the rubber. Doing so will also keep the flashlight properly sealed against water;
- Clean the contacts of the light periodically, especially when the flashlight flickers abnormally or cannot light up.
There may be several reasons as following:
Reason 1: The batteries need to be replaced.
Solution: Replace the batteries (ensure the proper installation of anode and cathode).
Reason 2: The threads, PCB board contact or other contacts are dirty.
Solution: Clean the contact points with an alcohol soaked cotton swab.
If the above methods do not solve the issue, contact your distributor and refer to the warranty policy.

Product Warranty
ACEBEAM guarantees flashlights against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 60 months of the period of purchase date will be repaired or replaced without charge. This warranty does not cover damage caused by accident, unreasonable use or product alteration. Failure to follow the general maintenance directions will result in damage to your flashlight that may be not covered by ACEBEAM warranty.
If this flashlight is proved defectively, the product will be repaired or replaced under the above terms. Please contact ACEBEAM or your original ACEBEAM dealer for warranty return instructions. For the latest information on ACEBEAM products and services, please contact the local ACEBEAM distributor or send email to info@acebeam.com.

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