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X-20-2015A Rev. A



X-20 Series



 EBEN METALCRAFT
MANUFACTURING CORP

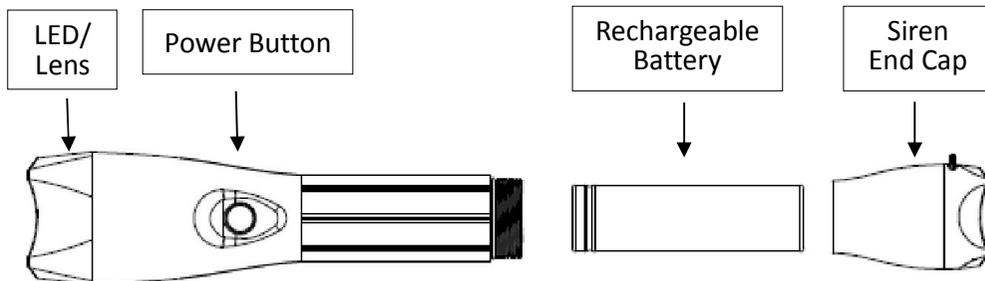
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SPECIFICATIONS

Power	STUN Mode: 10 watt White LED: 3 watt
Number of LED	1 Red, 1 Blue, 1 White
Total Light Output	STUN mode: 90 Lm White LED: 113 Lm
Illuminance (Distance: 2 m)	STUN mode: 1600 lx White LED: 1700 lx
Illuminance (Distance: 3 m)	STUN mode: 1300 lx White LED: 1200 lx
LED Model	CREE XLAMP XM-L Color LED
Flashing Frequency	12~15HZ+50HZ
Effective Range (Day Time)	3 m
Effective Range (Night Time)	5 m
Power Supply	18650 Li-Ion Battery
Usage Time	4 hours
LED Cover Lens	6° optical lens
Material	Aluminum alloy, Zinc alloy
Size	180 mm x 35 mm
Weight	324 g



FEATURES

LED

A certified EN62471 RG-2 light source, STUN PHASER utilizes advanced lighting technology to provide maximum luminosity, power, and stability in performance. LED lifetime 50,000 hours.

Aspheric lens

Designed to maximize reflection output, beam intensity, and reach, STUN PHASER's cone shaped aspheric lens increases its effectiveness by focusing its output to a 6 degree beam angle.

Lithium-Ion rechargeable battery

Rechargeable lithium-ion battery provides the high energy output required to activate STUN PHASER's multiple LEDs. Adapter plugs in directly to the STUN PHASER to recharge. Overcharging protection offers additional safety.

CAUTION

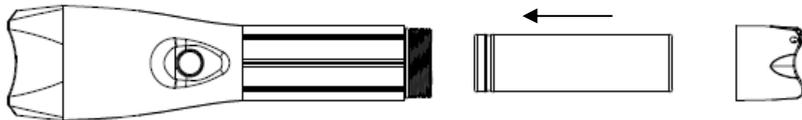
DO NOT expose the lithium battery to water, fire, high temperatures, or other hazardous or combustible materials. Do not disassemble, puncture, cut, crush, or short circuit the battery. Lithium battery may explode or cause burns if not handled properly.

Upon receiving your STUN PHASER

1. Inspect the items in the package:
 - i. STUN PHASER X-20 with regular end cap
 - ii. Siren end cap, battery included
 - iii. 18650 Rechargeable Lithium Battery
 - iv. 16V/1A AC100V-240V Adapter
 - v. Wrist strap

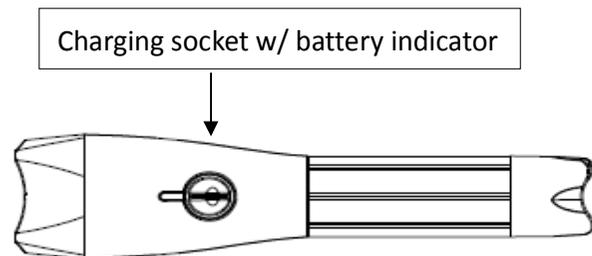
2. Remove battery insulation

Unscrew the end cap. Remove insulation, confirm positive end of the battery is inserted first.



3. Charge the battery

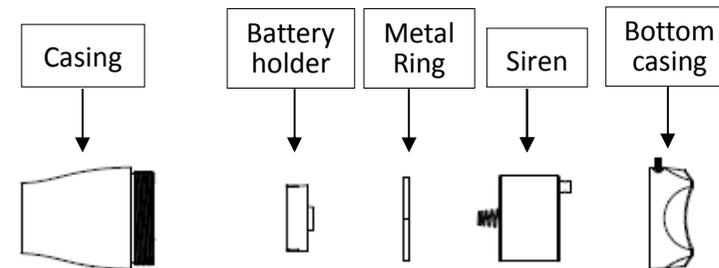
Open the waterproof cover to expose the rechargeable plug. Plug in the Adapter and charge the battery until the light indicator is green.



- i. Depleted battery charge time: 3 hours
- ii. Idle battery charge frequency: every three months
- iii. Built-in protection against overcharging: yes

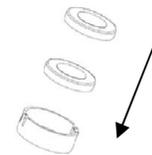
4. Attach optional siren end cap

- i. Test siren by pulling the string attached to the siren end cap. Push the knob back to shut it off.
- ii. Siren end cap components.



5. Siren battery replacement instruction

- i. Unscrew the bottom casing and remove the siren, conductor ring, and battery holder.
- ii. Replace two CR2032 batteries
- iii. Place the positive (flat) end of battery downward in the battery holder, facing the siren.



- iv. Replace the battery holder, metal ring, and the siren. Screw the bottom casing and test the siren.

6. Test the STUN PHASER

To activate the unit, press the power button for 1 second. Release the power button to keep the unit activated. Press again to it turn off. Continuous pressure for 10 seconds will also shut off the unit.

Warranty

STUN PHASER is under warranty for one year from the date of purchase for any defects in materials and workmanship under normal use. The warranty does not apply to the rechargeable battery or any parts which have been subject to modification, misuse, negligence, accident or improper maintenance or repair.

Warranty Limitation

STUN PHASER shall not be liable for incidental, consequential, or special damages arising out of, or in connection with, product use or performance.

Warning

- Keep out of reach of children.
- Use only in a lawful manner. STUN PHASER is an LED device. Please check with your state, federal, or country law regarding its usage.
- Do not attempt to disassemble the STUN PHASER. Doing so will affect its internal structure and voids the warranty.
- STUN PHASER is water resistant. However, do not use it in a water operation.
- Prolonged viewing will cause discomfort and possible photobiological risk. It may trigger epileptic symptoms to susceptible individuals. Do not use STUN PHASER for illumination or look directly into the STUN PHASER for prolonged period of time.