E2R
User manual

The SPERAS E2R is a multifunctional, high-performance flashlight with an outdoor setting, innovative tactical setting, and a unique infinity setting. It is equipped with a LUMINUS LED, and an advanced circuit design which provides up to 97% efficiency. The maximum output and distance are 1500lm and 267 m respectively. The new tail button design allows an easy access to the one-touch strobe, one-touch turbo, one-touch ECO or different lumen output modes of the different settings. It supports TYPE-C 5V/2A charging and 2A discharging enabling it to be used as a power bank. The E2R can be powered by 1*21700 battery or 2*CR123A to meet the desired requirements of outdoor use, tactical, law enforcement, security and defense, hunting or personal use etc.

Features

- Design & performance: compact handheld and excellent structure design; Max output of 1500lm and a beam distance of 267m.
- Charging: supports TYPE C 5V/2A charging, increasing charge rate by a 100%.
- Discharging: connect with the OTG connector to charge various electronic products acting as a power bank with a 2A current output.
- Tail switch: the multifunctional tail switch allows an easy access to one-touch strobe, one-touch turbo, one-touch ECO and changes the mode or adjusts the lumen output of the functions.
- Battery: support a wide voltage of 8.4V and is powered by 1*21700 batteries or CR123A batteries use with the inner tube insert.
- Settings: various settings (outdoor, tactical and infinity) to adapt your circumstances with a memory mode.
  1.) Setting 1 (Outdoor) Feature:
     a. One hand functionality to switch between modes.
     b. Suitable for most outdoor recreational circumstances due to the different modes (High, Medium, Low, Eco, Strobe and SOS)
  2.) Setting 2 (Tactical) Features:
     a. Easy to activate one-touch turbo or one-touch strobe.
     b. The strike bezel can be utilized as a glass breaker or to defend you from an attacker.
  3.) Setting 3 (Infinity) Features:
     a. Gradual increase / decrease of lumen output to obtain desired lighting of object / target.
- Firm dual direction stainless steel pocket clip for multiple carry options.
- Intelligent temperature control system (ITS); accurate battery capacity detection; over discharge protection and reverse polarity protection.
- High-strength aerospace aluminum alloy body with CNC technology; Premium TYPE III hard anodized anti-abrasive finish for extreme durability;

Specifications

FL 1 STANDARD		High	Medium	Low	ECO	Strobe	SOS
Output (Setting 1)		1500LM (900LM)	400LM	60LM	10LM	1500LM	60LM
Output (Setting 2)		1500LM (900LM)	400LM	—	10LM	1500LM	60LM
Runtime		2.6h	6.25h	50h	500h	—	—
Beam Intensity		17,824cd	6,052cd	732cd	136cd	—	—
Beam Distance		267m	156m	54m	23m	—	—
LED		LUMINUS LED					
Impact Distance		1.5m					
Waterproof		IP68 (2 meter submersible)					
Charging Time		3.5h					
Output (Setting 3)		1500LM~~20LM (The running time depends on usage situation)					

- Operate Voltages: 3V-8.4V
- Reflector: Smooth Reflector
- Lens: Hardened ultra-clear glass with abrasion
- Compatible batteries:1.*21700 battery or 2*CR123A battery (use with the internal tube)
- Housing: Premium Type III hard-anodized anti-abrasive black finish
- Size: L120.5mm*H28.5mm, Tube D.:27mm
- Net weight: 100g/ 3.53 Oz

Note:
The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using one SPERAS 21700 5000MAH(model:S50) Power lithium battery under laboratory conditions. The data may vary slightly during actual use due to battery type, individual usage habits and environmental factors.

Inside the box

1*E2R flashlight (dual direction pocket clip included)
1*Type-C cable
1*OTG
1*Holster
1*Lanyard
2*O-ring
1*Manual

Operational accessories

1* 21700 battery (S50)
1* Tube insert (TI01)

Charging/Discharging Operation

- a. E2R supports 5V/2A charging. Connect a 5V/2A adapter, and insert the TYPE-C charging port of the flashlight for charging.
- b. Charging indication: Red LED means charging and green LED means fully charged.
- c. Discharging: E2R supports 2A current discharging. Please insert the OTG connector to the Type-C charge port of the flashlight, and then connect a USB cable to discharge as a power bank.
- **Attention**:
  *Only support 1*21700 Batter to charge or discharge.
  *When in charge, the flashlight CAN NOT turn on.
  *Please don't turn on the flashlight when discharging.

Battery Indication

When you turn on the flashlight, the LED indicator will automatically indicate the battery power level for 5s. More than 90%, green LED; 30%--70%, orange LED; less than 30% Red led; Less than 10%, the red LED will flicker.

Usage and Maintenance

- The temperature on the surface of the torch may increase during use, especially during periods of continuous high lumen output. The maximum safe operating temperature on the surface is 55℃.
- Please fully charge battery before initial use. Included battery is charged to less than 50% for safer shipping.
- To maintain the waterproof rating, please lubricate the O-ring with silicone safe lubricant and replace broken O-rings as needed.
- Do not shine light directly into eyes.
- For long-term storage, please remove the battery and store in a cool and dry place.

Warranty

- The product is provided with a 5-year life warranty.
- The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance, or repairs by anyone other than an authorized retailer or SPERAS itself.
- For more details on warranty please email us: info@speraslight.com.