

**T1**

Super Beam Distance Beyond Your Limits

User manual

SPERAS T1 has a super beam distance of 1300m and high performance of 1200lm, customized OSRAM LED, a synchronous step-down circuit with high efficiency up to 92% and special optical system. It is an excellent long-rang flashlight. The tail button has mode memory function and can realize ON, momentary-ON and quick strobe function. LED breathing function with changing 7 colors gives you a different experience. T1 is suitable for police and military, law enforcement, search and rescue, hunting and other outdoor activities.

### Features

- ❑ Extended-range of 1300m, high performance of 1200lm.
- ❑ Multifunctional tail button with mode memory function is designed for ON, momentary-ON, and quick strobe.
- ❑ T1 supports a wide voltage of 16.8V, compatible with 2\*18650 Li-battery or 4\*CR123A battery.
- ❑ 7-color breathing light, like a beacon at night, better for seeking flashlight.
- ❑ 2lm for the ECO mode, brings you the suitable beam at night.
- ❑ Side button, simple and easy to operate.
- ❑ Smart temperature control system assure stable output.
- ❑ Battery Capacity Indication, accurate to monitor when turn on.
- ❑ When the power is low (less than 10%), red LED indicator will keep flickering.
- ❑ Over Discharge Protection function, automatically downshift when the battery is low, preventing battery over discharge.
- ❑ Reverse Polarity Protection.
- ❑ High-strength aerospace aluminum body, CNC precision machining, Premium Type III hard anodized anti-abrasive finish for extreme durability.

### Specifications

FL 1 STANDARD	HIGH	MEDIUM	LOW	ECO	STROBE	SOS
OUTPUT	1200LM	400LM	100LM	2LM	1200LM	100LM
RUNTIME	4h	5h	20h	285h	-	-
BEAM INTENSITY	422,500cd	140,833cd	35,208cd	704cd	-	-
BEAM DISTANCE	1300M	751M	375M	53M	-	-
IMPACT DISTANCE	1.5M					
WATERPROOF	IPX-8 (2 meter submersible)					

- ❑ LED CHIP: OSRAM LED, lifetime up to 50,000h.
- ❑ Operate voltage: 6-16.8V
- ❑ Reflector: Smooth Reflector
- ❑ Lens: Hardened Ultra-Clear Glass with abrasion
- ❑ Compatible Battery: 2\*18650 battery or 4\*CR123A battery
- ❑ Material: Aerospace Aluminum alloy
- ❑ Housing: Premium Type III hard-anodized anti-abrasive finish of black
- ❑ Switch: Tactical tail switch & side switch
- ❑ Size: L 244mm x (head) D 63.4mm, (tube) D 25.4mm
- ❑ Net weight: 263.2g/9.28Oz

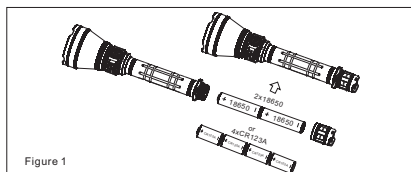
**Notice:** The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using two SPERAS 18650 3400mAh Lithium battery under laboratory conditions. The data may vary slightly during actual use due to battery type, individual usage habits and environmental factors.

### Inside the box

1\*T1 flashlight, 1\*Lanyard, 1\*holster, 2\*O-ring

### Operation Instruction

Correctly insert the battery. ( Follow the Figure 1)



#### ON/OFF & Tail Strobe

- ❑ Can only be turned ON/ OFF by the tail button.
- ❑ Press the tail button, momentary on(memory mode); Release, turn OFF.
- ❑ Press down the tail button, turn on( memory mode); Press then release, turn off.
- ❑ On the OFF state, quickly slight press trice, momentary strobe; Release, OFF.
- ❑ On the OFF state, quickly press and press down, strobe; Press and release, OFF.

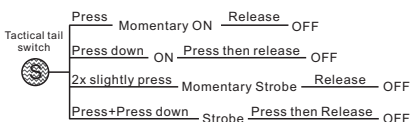


Figure 2

#### Adjust Mode & Breathing function & Strobe & SOS

- ❑ ON state, click the side button to adjust mode. The mode will circle from ECO, LOW, MED to HIGH;
- ❑ ON state, Long Press for 0.5s, enter to the breathing lamp function; click again, will enter the former state.
- ❑ ON state, Double click, enter strobe; Double click

again, enter SOS; click, enter to memory mode. (Follow the figure 3-A)

- ❑ Breathing lamp state, click the side button to the memory mode;
- ❑ Breathing lamp state, long press 0.5s, enter to ECO mode.
- ❑ Breathing lamp state, double click, enter strobe; Double click again, enter SOS; click, enter to memory mode (Follow the figure 3-B)

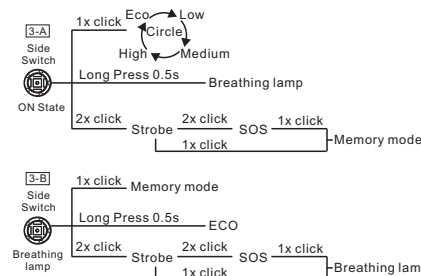


Figure 3

#### Battery Indication Function

- Turn on flashlight, the LED indicator in the side button will automatically monitor the power.
- 1) Battery capacity  $\geq 70\%$ , Blue LED will flicker 5s;
  - 2)  $30\% \leq$  Battery capacity  $< 70\%$ , Orange LED will flicker 5s.
  - 3)  $10\% <$  Battery Capacity  $< 30\%$ , Red LED will flicker 5s.
  - 4) Battery Capacity  $\leq 10\%$ , Red LED will keep flashing to remind you that the power is running out soon.

### Usage and Maintenance

- ❑ The temperature on the surface of the flashlight may increase during use, especially during the periods of continuous higher lumen output. The maximum safe operating temperature on the surface is under  $55^{\circ}\text{C} / 131^{\circ}\text{F}$ .
- ❑ Please fully charge battery before initial use. Included battery is charged to less than 50% for safety shipping. If use this battery directly, the flashlight may not power in standard data.
- ❑ To maintain 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 location.

### Warranty

- ❑ The product is provided 5 years warranty. Any non-artificial damage, please contact SPERAS after-sale department.
- ❑ The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance, or repair by anyone other than an authorized retailer or SPERAS itself.



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