SPERAS

T3R
User manual

SPERAS T3R is an innovative noiseless "thrower". Despite its compact size it can reach a maximum throw of 1095 meters with its output of 1,600 lumens. This together with a maximum run time of 92 hours makes it an excellent high performance flashlight for hunting, outdoor, search and rescue, etc.

Features

- Beam Distance: 1095m
- Brightness:1600lm maximum output.
- Modes: 6 (High, Medium, Low, Eco, Strobe, SOS).
- Type C charging and functionality to use as a power bank to charge various electronic devices.
- Noiseless Switches: Multifunctional tail button & side button to change brightness levels.
- Memory mode function: Memory mode can be activated and de-activated. When activated the flashlight will return to last used setting when switched on with the Tail Button. If the memory mode is not activated the flashlight will default to the HIGH mode when switched on with the Tail Button.
- Eco mode: 20lm ideal for a reading with a maximum runtime of 92h.
- Optional remote pressure switch for hunters.
- Smart temperature control system.
- Battery level indicator.
- Over discharge protection that automatically downshifts the brightness when the battery is low in order to prevent the battery from over discharging.
- Reverse polarity protection.
- High-strength aerospace aluminum body, produced by 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	1600LM	600LM	120LM	20LM	1600LM	120LM
Runtime	2.1H	3.75H	17.5H	92H	--	--
Beam Intensity	300,000cd	109,250cd	19,500cd	4,350cd	--	--
Beam Distance	1095m	661m	279m	132m	--	--
LED	Customized Luminus LED					
Impact Distance	1.5m					
Waterproof	IPX-8 (2 meter submersible)					

- LED Chip: Customized Luminus LED with a lifetime up to 50,000h.
- Operating voltage:3-4.2V
- Lens: Double AR-coating harden glass
- Compatible Battery: 1* 21700 batteries
- Size: 175.7mm(L), 63.6mm(Head),26mm(Tube)
- Net weight: 308g (including battery)

Note:
The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using SPERAS 3.7V/5000mAh battery under laboratory conditions. The data may vary slightly during actual use due to the battery type, individual usage habits and environmental factors.

Inside the box

- 1X T3R Rechargeable LED Torch
- 1x Accessory Bag (including 1x Type C Charging Cable, 1x lanyard, 2x O-rings and 1x OTG connector)
- 1x Manual
- 1x 21700 Battery(Optional)
- 1x RM21 Remote pressure switch(Optional)

Operating instructuon

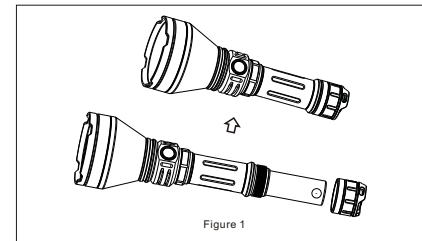### 1. Correctly insert the battery.
(Please follow Figure 1)

Figure 1

2. ON/OFF/Strobe/SOS—Operation through the Tail Button

- In the OFF state click the Tail Button once to enter the high mode or memory mode (Note: depending on whether the memory mode is activated or not). To switch OFF the flashlight click the Tail Button again.
- In the OFF state, press and hold of the Tail Button for longer than 0.3 seconds, to enter the high mode or memory mode (Note: it depends on whether the memory mode is activated or not.). Releasing the Tail Button will turn off the flashlight
- In the ON state, press and hold the Tail Button for more than 0.3 seconds to enter the high mode. Releasing tail button will be back to previous state
- In any state, double click the Tail Button to enter the strobe mode. Double click again to change to the SOS mode and click again to revert back to the previous mode before strobe mode.
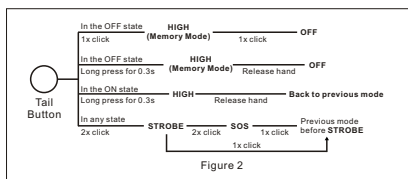

Figure 2

3. ON/OFF/Change mode/Strobe/SOS—Operation through the Side button

- In the OFF state, click the side button to enter the memory mode. Click again to change the mode and circle from eco, low, medium and high. Long press 0.3 seconds, to turn off.
- In any state, double click the side button to enter the strobe; double click again, to enter SOS; click again to revert back to the status before strobe.
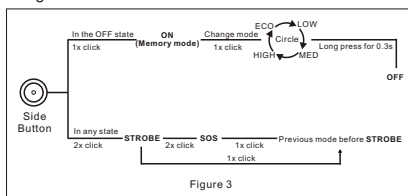

Figure 3

4. Operation of Remote Pressure Switch

1) S1 button:

- In the OFF state, one click will enter the high mode or memory mode (Note: it depends on whether the memory function is activated or not); Click again, to turn off.
- In the OFF state, press and hold the S1 button for longer than 0.3 seconds to enter the high mode or memory mode (Note: it depends on whether the memory function is activated or not). When released it will turn off.
- If the strobe/SOS mode was activated by the side button of flashlight one click of the S1 button will turn off the flashlight.

2) For S2/S3 button:

- In the OFF state, press and hold will enter the strobe mode and if release it will switch back to OFF state.
- In the ON state, one click will change mode and circle from eco, low, medium and high.
- In the ON state, press and hold for longer than 0.3 seconds it will enter strobe mode and when released it will revert back to the previous mode.
- If the flashlight is in Strobe mode, which was activated by the side button, press and hold the S2/S3 button for 0.3 seconds, it will stay in strobe mode and revert back to the previous state when released.
- If the flashlight is in the SOS mode which was activated by the side button, press and hold the S2/S3 button for it will change to strobe mode and it will revert back to previous mode when released.

5. Lock and Unlock Operation

1)Lock

- Press both buttons (Side Button + Tail Button or Side Button + S1 button) for 2 seconds. The main LED will flicker twice to indicate that the flashlight is locked. In this state the flashlight will not function.
- In the locked state the orange LED indicator in the middle of the side button will flicker five times to indicate that the flashlight is locked and must be unlocked in order to function.

2)Unlock:

- Use any of the methods below to unlock the flashlight:
- 1) Quickly click the side button three times;
- 2) Quickly click the tail button three times;
- 3) Quickly click the S1 button three times.
- Any one of the above methods can be used to unlock the flashlight and the main LED will flicker twice to indicate that the flashlight is ready to function.

6. Charge and Discharge by OTG connector

- The T3R supports 5V/2A charging. Please connect a 5V/2A adapter and insert the type C charging port of the flashlight for charging.
- When charging the LED indicator will show red and when fully charged the indicator will show green.
- Please note that when charging the flashlight may only be used in ECO mode. The T3R supports 2A current discharging. Please insert the OTG connector to the type C charge port of the flashlight and connect a USB cable to discharge as a power bank.

7. Memory Mode Function

- The memory mode function can be activated or de-activated.
- In any state, the memory mode function is activated or de-activated by pressing the side button for 10 seconds. The green indicator on the side button will flicker 5 times to indicate that the memory mode function is activated. The red indicator on the Side Button will flicker 5 times to indicate that the memory mode function is de-activated.

8. Battery indicator

- Turn on the flashlight and the LED indicator on the side button will automatically monitor the power.
- 1)Battery capacity≥70%, Green LED
- 2)Battery capacity＜70%, Orange LED
- 3)Battery Capacity＜30%, Red LED
- 4)Battery Capacity ≤10%, Red LED will keep flashing to indicate that the power will be depleted soon.

Usage and Maintenance

- The temperature on the surface of the flashlight may increase during use especially during periods of continuous high lumen output. The maximum safe operating temperature on the surface is under 55 degrees Celsius.
- Fully charge battery before initial use. The included battery pack is charged to less than 50% for safe shipping purposes.
- To maintain the waterproof rating, please lubricate the O-ring with silicone safe lubricant and replace broken O-rings as soon as possible.
- 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 with a Limited Lifetime Warranty.
- The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance or repairs done by anyone other than an authorized retailer or SPERAS itself.
- For more information contact the SPERAS team.

CE RoHS

摊开240x110mm 折后60x110㎜
157g铜版纸单黑双面印刷