



FTP20
Tactical Pen
USER MANUAL

Product Overview

The FTP20 Tactical Pen is a versatile and reliable everyday carry tool that seamlessly integrates a smooth writing experience with powerful illumination functions. Designed for professionals, outdoor enthusiasts, and daily users, it features a comfortable grip, durable construction, and a precision pen mechanism. In addition to its primary writing function, it incorporates a bright white LED, a green laser pointer, and a multicolor RGB light system—all housed in a sleek, pen-style body.

Key Features

As a Pen:

- Smooth Writing Experience: Equipped with a high-quality refillable ballpoint pen cartridge for consistent, skip-free writing.
- Comfortable Grip: Ergonomically designed pen barrel with a balanced weight distribution for extended writing comfort.
- Durable & Stylish: Available in aircraft-grade aluminum or titanium alloy with a refined finish.

As a Tactical Light:

- Triple lighting modes: White light + Green laser + RGB color light
- Three brightness levels: High / Medium / Low
- Multiple operation modes: White light, laser, RGB static & flashing, SOS, police-style flash
- Lockout function: Prevents accidental activation during transport
- Rechargeable battery: Built-in 130mAh Li-ion battery, USB charging supported
- Compact & Portable: Pen-style design, easy to carry in pocket or bag

Technical Specifications

Item	Specification
Product Name	FTP20 Tactical Pen
Light Source	White LED + RGB LED + Green Laser
Dimming Mode	Button switch, cycle adjustable (High → Medium → Low)
Circuit Type	Constant current drive
Pen refill	60mm(L)*26mm(tail)* 22.5mm(head), Compatible with LAMY M22
Battery	Built-in Li-ion battery, 3.7V, 130mAh
Charging	USB-C Charging
Body Material	Aluminum or Titanium Alloy
Surface Treatment	Hard anodized (Aluminum) / Natural finish (Titanium)
Dimensions	138mm (Length) × Φ12.7mm (Body Diameter)
Weight	27g (Aluminum) / 37.7g (Titanium)
Lens Type	Tempered glass (Laser)
Switch Type	Silicone Side switch
Water Resistance	N/A
Drop Resistance	1 meter
Accessory	USB charging cable*1, Pen refill*1, O ring*2, User manual*1

Performance Data

Mode	Brightness	Runtime	Beam Distance	Peak Intensity
High	50 lumens	30 minutes	8 meters	75 cd
Medium	10 lumens	1.2h	—	—
Low	0.5 lumens	35h	—	—

Note: all data above was generated by Fitorch Labs. Actual data may vary depending on usage and conditions.

Operation Instructions

White Light Mode

Turn on: Click once in standby.

Adjust brightness: Press and hold to cycle: High → Medium → Low.

Turn off: Click once to return to standby.

Laser Mode

Activate: Press and hold for 0.5 seconds in standby.

Deactivate: Click once to return to standby.

RGB & Emergency Modes

Red/Blue flashing: Double-click in any mode.

SOS (Red): Double-click again in flash mode.

RGB static colors: In SOS mode, click to cycle Red → Green → Blue.

Exit: Press and hold 0.5 seconds to return to standby.

Lock/Unlock Function

Lock: In standby, triple-click within 1 second. White light flashes 3 times to confirm.

Unlock: Triple-click again within 1 second. White light flashes 3 times and turns on in High mode.

Charging

Unscrew the pen body to reveal the charging port, then connect the charging port to the USB charging cable. Blue LED flashes during charge; solid green indicates full charge.

Safety & Maintenance

- Do not stare directly into the laser or LED beam.
- Avoid contact with water or extreme temperatures.
- Use only the provided or recommended charger.
- Keep away from children and store in a dry place when not in use.
- Do not attempt to disassemble or modify the pen.
- If the pen becomes hot during extended use, turn it off and allow it to cool.

Support & Warranty

- If you discover any problems with the product within 15 days of purchase, you may contact your local Fitorch dealer for a replacement.
- We offer a limited 2-year (24-month) warranty for functional problems arising under normal use conditions.

This warranty does not cover:

- Damage caused by human actions, disassembly, or modification of the product.
- Damage resulting from failure to follow the instructions in this manual.
- Damage caused by battery leakage.
- Damage caused by impact or dropping.
- Damage due to water ingress or the entry of foreign objects.

This warranty policy applies only to the original owner of the product. It does not apply to resold, stolen, modified, or misused products, and does not cover accessories, packaging, etc.



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