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 <p>USER MANUAL</p>  <p>SPECTRA T5X Multi-Color Hunting & Blood Tracking Flashlight</p> <p>Thank you for choosing Brinyte! Please read this manual carefully before use and keep it for future reference</p>	<p>Product Overview</p> <p>The Brinyte SPECTRA T5X is a hunting flashlight designed for blood tracking and versatile outdoor use. It offers multispectrum lighting modes: High-Lumen White for general illumination, Red and Green for stealth, and two dedicated Blood Tracking modes that make trails more visible in complex environments. Powered by a high-capacity 21700 5000mAh battery, it provides extended runtimes to support long hunts without frequent recharging. With its durable, impact-resistant build and IP67 waterproof rating, the SPECTRA T5X ensures consistent, reliable performance in any weather or terrain.</p>	<p>Package Contents</p> <ul style="list-style-type: none"> 1 × Brinyte SPECTRA T5X Flashlight 1 × 21700 Rechargeable Battery (5000mAh) 1 × USB-C Charging Cable <p>Product Features</p> <ul style="list-style-type: none"> ✓ Specialized Blood Tracking: Offers two high-contrast strobe rates (Fast 10Hz / Slow 5Hz, 680 lumens) to make blood trails highly visible against various terrain ✓ Multi-color Outputs – white (high/low), red, green, and blood tracking light to cover hunting, search, and field use ✓ Wide 120° Flood Beam: Provides a broad field of view for effective tracking and scanning 	<ul style="list-style-type: none"> ✓ Magnetic Control Ring + Side Switch – intuitive dual control for quick and accurate mode selection ✓ High-Capacity Battery – Powered by one 5000mAh rechargeable 21700 battery for long runtime ✓ USB-C Direct Charging & Indicator – Convenient fast charging with real-time LED indicators for both charging and battery status ✓ High-Transmission Lens: Utilizes a high-transmittance PMMA optical lens (Polymethyl Methacrylate) which is lightweight and highly impact-resistant ✓ Durable Construction – Aerospace-grade aluminum with Type III hard-anodized finish, IPX7 waterproof, and 1m impact resistance for reliable outdoor use 	<p>Technical Specifications</p> <table border="1"> <thead> <tr> <th>Item</th> <th>White Light High</th> <th>White Light Low</th> <th>Red Light</th> <th>Green Light</th> <th>Blood Tracking Fast Strobe (10Hz)</th> <th>Blood Tracking Slow Strobe (5Hz)</th> </tr> </thead> <tbody> <tr> <td>Output (Lumens)</td> <td>1000mAh + 4500mAh</td> <td>1000mAh</td> <td>1150mAh</td> <td>1000mAh</td> <td>4800mAh</td> <td>4800mAh</td> </tr> <tr> <td>Runtime</td> <td>2.1hr ~ 4h (3000mAh)</td> <td>2.1h (3000mAh)</td> <td>2.1h (3000mAh)</td> <td>2.1h (3000mAh)</td> <td>4h (1000mAh)</td> <td>4h (1000mAh)</td> </tr> <tr> <td>Beam Distance</td> <td>100m</td> <td>30m</td> <td>40m</td> <td>30m</td> <td>115m</td> <td>115m</td> </tr> <tr> <td>Beam Angle</td> <td colspan="6">120° (Flood Beam 180° mode)</td> </tr> <tr> <td>Battery</td> <td colspan="6">1 × 21700 (5000mAh included)</td> </tr> <tr> <td>Charging Port</td> <td colspan="6">USB-C, 1.8A Input (5V 2A adapter required)</td> </tr> <tr> <td>Water Resistance</td> <td colspan="6">IPX7 (Submersible up to 1m for 30 minutes)</td> </tr> <tr> <td>Impact Resistance</td> <td colspan="6">1 meter</td> </tr> <tr> <td>Dimensions</td> <td colspan="6">Length: 137.5mm; Head Dia.: 49mm; Body Dia.: 26mm</td> </tr> <tr> <td>Net Weight</td> <td colspan="6">148 g (without battery)</td> </tr> </tbody> </table> <p>Note: The above specifications were measured according to ANSI/NEMA FL1 standards, under an ambient temperature of 21 ± 4 ° C and humidity of 50 ± 40%. These values are approximate and may vary depending on the battery, and environmental conditions.</p> <p>Operating Instruction</p> <p>1. Battery Installation Remove the insulation sticker before first use. Insert the 21700 battery into the flashlight tube (+ end facing the head), then tighten the body securely</p>	Item	White Light High	White Light Low	Red Light	Green Light	Blood Tracking Fast Strobe (10Hz)	Blood Tracking Slow Strobe (5Hz)	Output (Lumens)	1000mAh + 4500mAh	1000mAh	1150mAh	1000mAh	4800mAh	4800mAh	Runtime	2.1hr ~ 4h (3000mAh)	2.1h (3000mAh)	2.1h (3000mAh)	2.1h (3000mAh)	4h (1000mAh)	4h (1000mAh)	Beam Distance	100m	30m	40m	30m	115m	115m	Beam Angle	120° (Flood Beam 180° mode)						Battery	1 × 21700 (5000mAh included)						Charging Port	USB-C, 1.8A Input (5V 2A adapter required)						Water Resistance	IPX7 (Submersible up to 1m for 30 minutes)						Impact Resistance	1 meter						Dimensions	Length: 137.5mm; Head Dia.: 49mm; Body Dia.: 26mm						Net Weight	148 g (without battery)						<p>2. Power On / Off Press the side switch once to turn the flashlight ON or OFF</p> <p>3.Mode Selection (Magnetic Control Ring) Rotate the magnetic control ring to select: OFF → Red → Green → Blood Tracking Fast Strobe (10Hz) → Blood Tracking Slow Strobe (5Hz)</p> <p>OFF Position Behavior: When the magnetic ring is set to OFF, you can still rotate the ring within 8 seconds to switch color light modes. After 8 seconds, the ring locks in the OFF position. Rotating alone will no longer switch modes. To activate color lights after the ring is locked, press the side switch to turn on the flashlight, then rotate the ring to select the desired mode</p> <p>4.White Light Operation Quickly double-click the side switch from any state to enter the White Light mode. Quickly double-click again to cycle between High and Low White Light settings. Single click to turn off.</p>
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<p>Battery Use & Charging</p> <p>Charging Instructions Plug the USB-C cable into the port and connect the other end to a 5V/2A power adapter (required for optimal charging)</p> <p>Charging Indicator The battery charging indicator shows red while charging and green when fully charged</p> <p>Battery Level Indicator Green (75% – 100%): 3.8 – 4.2V Orange (50% – 75%): 3.4 – 3.8V Red (25% – 50%): 3.1 – 3.4V Red Flashing (<25%): Below 3.1V</p> <p>Approximate full charging time is 5 hours</p>	<p>Maintenance & Care</p> <p>Cleaning: Wipe lens and body with a soft cloth; avoid corrosive cleaners or solvents</p> <p>Waterproofing: Apply silicone grease to O-rings regularly</p> <p>Inspection: Check O-rings and threads for wear or damage; replace if necessary</p> <p>Storage: Keep in a cool, dry place; remove the battery if stored long term</p> <p>Troubleshooting</p> <p>Won't Turn On: Check battery orientation, charge or replace battery, clean contacts</p> <p>Weak Light: Recharge battery, ensure lens is clean</p> <p>Flickering: Tighten tail cap, check O-rings, clean threads and contacts</p>	<p>Charging fails: Ensure the cable is firmly connected, use a 5V/2A adapter, and check the charging port for proper contact</p> <p>White light does not activate: Double-click too slow or not pressed fully → Quickly double-click the side switch, pressing firmly</p> <p>Cannot switch to color light (Red/Green/Blood Tracking): Ring locked after staying in OFF for 8s → Press side switch to turn on, then rotate the ring to select</p> <p>Overheating: Normal at high output; lower brightness or turn off to cool. The flashlight has overheat protection, with a maximum surface temperature of 48 ° C, so the temperature will not keep rising</p>	<p>Safety Warnings</p> <p>Do not shine the flashlight directly into eyes. Keep out of reach of children</p> <p>Do not use near flammable materials</p> <p>Do not disassemble or modify the flashlight</p> <p>Use only the recommended battery type</p> <p>Avoid extended operation at high brightness in enclosed environments</p>	<p>Warranty & Customer Support</p> <p>Warranty Coverage: This product is backed by a 2-year limited warranty against defects in materials and workmanship under normal use conditions</p> <p>Exclusions: The warranty does not cover damage resulting from misuse, abuse, neglect, accidents, unauthorized repairs, modifications, or failure to follow product instructions</p> <p>Customer Support: For technical assistance, warranty claims, or general inquiries, please contact us through:</p> <p>Email: service@brinyte.com Website: www.brinyte.com</p>	<p>Brinyte Technology Co., Ltd</p> <p>Address: 4th Floor, Building 6, Huafeng Technology Park, 535 Fengtang Avenue, Tangwei, Fuyong, Bao' an District, Shenzhen, China 518103</p>																																																																													

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