

## LaserLyte LT-TTLC

# LaserLyte LT-TTLC Laser Trainer Pistol Compact User Manual

Brand: LaserLyte | Model: LT-TTLC

## INTRODUCTION

The LaserLyte LT-TTLC Laser Trainer Pistol Compact is designed to provide a realistic and effective dry-fire training experience. This compact training pistol mimics the size, weight, and feel of an actual compact handgun, featuring a resetting 5.5lb trigger pull to improve trigger finger strength and overall shooting technique. It allows for indoor training without the need for live ammunition, making it a convenient and safe tool for both beginners and experienced shooters.

The trainer pistol emits a visible red laser (5mW peak, 630-670nm, Class 3A) that is compliant with safety regulations. Its windage and elevation are adjustable, ensuring accurate feedback during practice sessions. The LT-TTLC is compatible with all LaserLyte laser trainer targets, offering a versatile training solution.



## SETUP

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1. **Unboxing:** Carefully remove the Laser Trainer Pistol from its packaging. Inspect the device for any visible damage.
2. **Battery Installation:** The LT-TTLC is designed for extended use, providing up to 50,000 shots on a single set of batteries. To access the battery compartment, locate the small screw on the side of the pistol (as shown in product videos) and carefully open the cover. Insert the required batteries, ensuring correct polarity, then secure the cover.
3. **Windage and Elevation Adjustment:** The laser's point of impact can be adjusted to match your aiming point. Use a small screwdriver or adjustment tool (not included, but typically a small hex key or flathead) to turn the adjustment screws located on the top and side of the pistol.
  - **Windage:** Adjusts the horizontal position of the laser.
  - **Elevation:** Adjusts the vertical position of the laser.

Perform these adjustments while aiming at a target to ensure the laser dot aligns with your sights.

4. **Target/App Preparation:** For optimal training, use the LaserLyte LT-TTLC with compatible laser trainer targets or smartphone applications. Follow the instructions provided with your chosen target or app for setup and calibration.

## OPERATING INSTRUCTIONS

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The LaserLyte LT-TTLC is designed for safe and effective dry-fire practice. Always ensure the area is clear and safe before beginning any training session.

1. **Holding the Pistol:** Grip the trainer pistol as you would a live firearm, focusing on proper hand placement and a firm, consistent grip. The realistic size and weight aid in developing muscle memory.
2. **Trigger Pull:** The pistol features a 5.5lb resetting trigger. Each pull of the trigger will activate the laser and then reset, allowing for continuous practice without needing to manually cock the hammer or cycle a slide. Focus on a smooth, consistent trigger pull to avoid disturbing your aim.
3. **Laser Activation:** When the trigger is pulled, the Class 3A red laser will momentarily activate, projecting a dot onto your target. This provides immediate visual feedback on your point of aim.
4. **Training with Targets:**
  - **LaserLyte Targets:** The LT-TTLC is compatible with various LaserLyte laser trainer targets, such as the Quick Tyme or SteelTyme targets. These targets often provide audible or visual feedback upon a successful laser hit.
  - **Smartphone Apps:** Many third-party smartphone applications can be used in conjunction with the LT-TTLC to track shots, analyze group size, and provide timed drills. Ensure your app is properly calibrated to detect the laser.
5. **Practice Drills:** Incorporate various dry-fire drills to improve specific skills, such as:
  - Sight alignment and picture.
  - Trigger control to prevent "jerking" the trigger.
  - Target acquisition and transitions.
  - Drawing from a holster (ensure an empty holster and safe environment).

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Video: An official demonstration of the LaserLyte Laser Trainer Pistol Compact, highlighting its features and use with various targets.

## MAINTENANCE

To ensure the longevity and optimal performance of your LaserLyte LT-TTLC Laser Trainer Pistol, follow these simple maintenance guidelines:

- **Cleaning:** Wipe down the exterior of the pistol with a soft, dry cloth after each use to remove any dust or debris. Avoid using harsh chemicals or abrasive materials, as these can damage the finish or internal components.
- **Battery Replacement:** When the laser becomes dim or stops activating, it's time to replace the batteries. Refer to the "Setup" section for instructions on accessing the battery compartment. Always use fresh, high-quality batteries of the specified type. Dispose of old batteries responsibly.
- **Storage:** Store the trainer pistol in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent accidental damage.

## TROUBLESHOOTING

If you encounter any issues with your LaserLyte LT-TTLC, refer to the following common troubleshooting steps:

- **Laser Not Firing:**
  - Check the batteries. Ensure they are correctly installed and have sufficient charge. Replace if necessary.
  - Verify the trigger is being pulled fully and consistently.
- **Inaccurate Laser Dot:**
  - Adjust the windage and elevation screws. Refer to the "Setup" section for adjustment instructions.
  - Ensure your grip and stance are consistent, as variations can affect perceived accuracy.
- **Target/App Not Detecting Laser:**
  - Check the lighting conditions. Very bright or direct light can interfere with laser detection.
  - Ensure the target or app's camera/sensor is clean and unobstructed.
  - Verify the distance to the target is within the recommended range for your specific target system or app.
  - Recalibrate your target system or app if it has a calibration feature.

## SPECIFICATIONS

Feature	Detail
Brand	LaserLyte
Model Name	Trainer Trigger Tyme
Part Number	LT-TTLC
Color	Blue
Product Dimensions (LxWxH)	6"L x 1"W x 4.75"H

Weight (Package)	0.41 Kilograms
Laser Type	5mW peak, 630-670nm, Class 3A visible red laser
Trigger Pull	5.5lb resetting trigger
Adjustments	Windage and Elevation adjustable
Material	Plastic (Frame, Barrel)
Shots per Battery Set	Up to 50,000 (approximate)

## WARRANTY AND SUPPORT

The LaserLyte LT-TTLC Laser Trainer Pistol Compact comes with a 3-Year Warranty. For detailed warranty information and to register your product, please visit the official warranty page:

[Crimson Trace Warranty Support](#)

For additional product information, accessories, or to explore other LaserLyte products, you can visit the LaserLyte Store:

[Visit the LaserLyte Store on Amazon](#)

## IMPORTANT SAFETY INFORMATION

**WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

Always treat the Laser Trainer Pistol as if it were a live firearm. Never point it at anything you do not intend to shoot. Keep out of reach of children. While this is a training device and does not fire live ammunition, responsible handling is paramount.