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Tyrry DC10

Tyrry DC-10 4-in-1 Laser Level Tool Instruction Manual

Model: DC-10

1. OVERVIEW

The Tyrry DC-10 is a versatile 4-in-1 tool designed for precision tasks in home decoration, DIY projects, and professional construction. It integrates a laser level, a wall mount, a drill dust extraction system, and an electronic vacuum suction cup into a single compact unit. This tool simplifies tasks such as hanging pictures, installing shelves, cabinet installation, trim work, and wallpaper application by providing accurate leveling and maintaining a clean workspace.



Figure 1: The Tyrry DC-10 4-in-1 Laser Level Tool in use, demonstrating its dust collection feature while drilling.

2. SAFETY INFORMATION

2.1 Laser Safety

This device utilizes a Class 2 laser. Adhere to the following safety guidelines:

- **Laser Wavelength:** 500-690nm
- **Laser Power:** <1mw
- Avoid direct eye exposure to the laser beam. Brief exposure (up to 0.25 seconds) is generally safe due to eyelid reflexes, but prolonged exposure can be hazardous to your eyes.
- Do not operate the laser around children or allow children to operate the laser.

2.2 Dust Safety

The drill dust collector is designed to mitigate health risks associated with drilling dust inhalation. However, always take precautions:

- Ensure the dust collection box is properly attached and sealed before drilling.
- Empty the dust collection box regularly to maintain optimal performance.

- In environments with high dust generation, consider wearing additional respiratory protection.

3. PRODUCT COMPONENTS

Familiarize yourself with the key components of your Tyrry DC-10 tool:



Figure 2: Detailed diagram of the Tyrry DC-10 components.

1. Drill Hole
2. Large Capacity Dust Box
3. Button for Removing Dust Box
4. Power Monitoring Indicators

5. Air Pressure Monitoring Indicators
6. Air Suction Key / Laser Level Switch
7. STOP Button
8. Fasten the Screw Nut (for wall bracket attachment)
9. Horizontal Bubble Vials
10. Electronic Vacuum Suction Cups (on the back)

4. SETUP

4.1 Charging the Battery

The Tyrry DC-10 features a built-in 1800mAh rechargeable Lithium Ion battery. Use the included charger to power the device. The status indicator lights will show the charging progress and battery level. A full charge ensures sustained suction for up to 10 hours.

4.2 Initial Power-On

Press the power button (component 6) to turn on the device. The laser will activate, and the bubble vials will assist in leveling.

5. OPERATING INSTRUCTIONS

5.1 Laser Level Function

The integrated line laser projects precise horizontal and vertical lines. The two high-precision bubble vials (component 9) ensure quick and accurate leveling. The laser can be used for various applications including picture hanging, shelving, and general alignment tasks.

Laser Level

Two horizontal bubbles make aligning the laser line easier

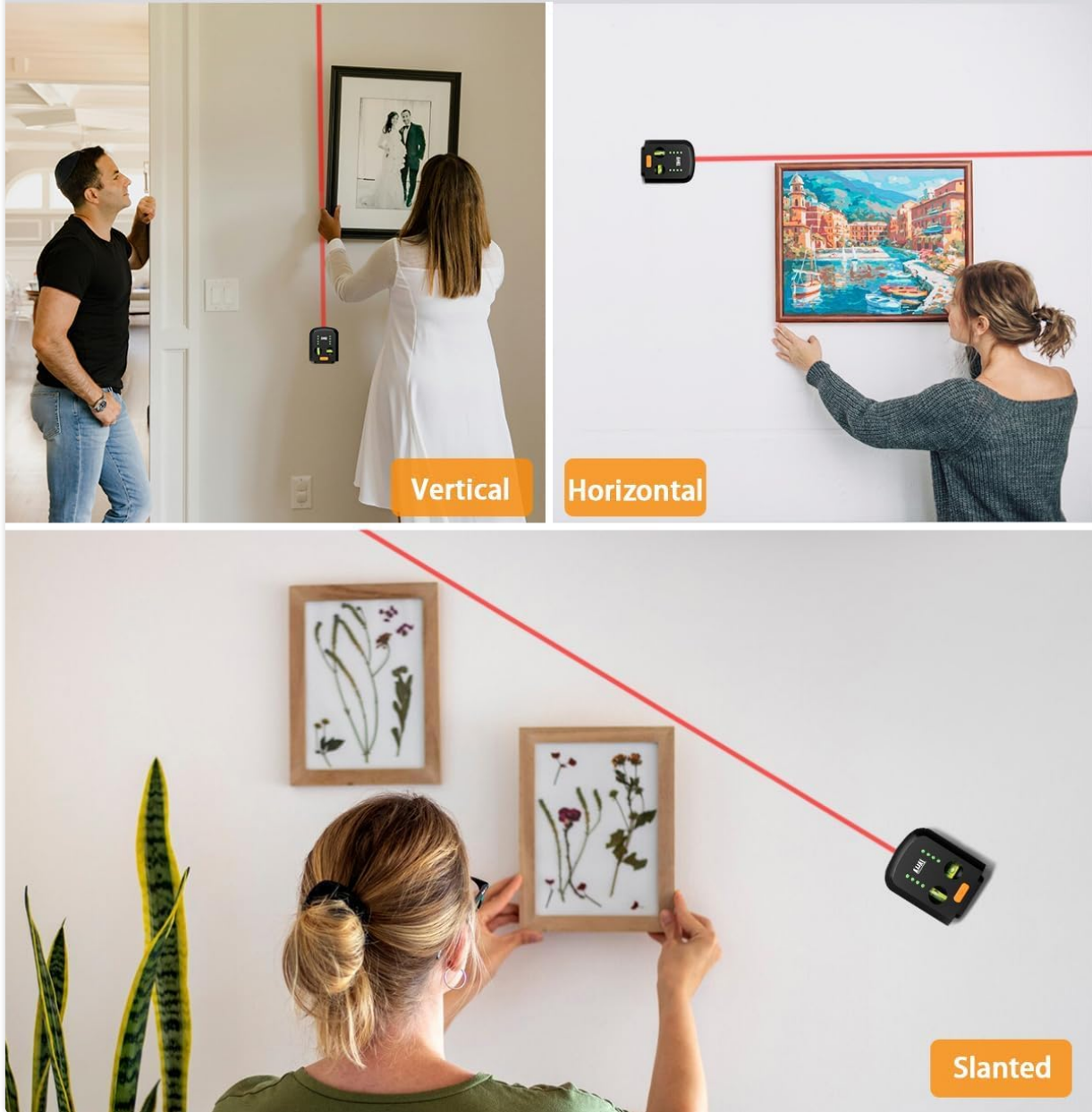
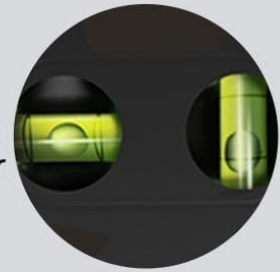


Figure 3: Demonstrating the laser level's capability for vertical, horizontal, and angled projections.

5.2 Electronic Vacuum Suction Cup & Wall Mount

The electronic vacuum suction cups on the back of the device provide a powerful 55000pa suction force, allowing the tool to securely attach to various smooth wall surfaces without the need for nails. This includes wooden, glass, lime plaster, ceramic tile, and cement walls.

- **To Attach:** Press the device firmly against the desired surface and activate the suction using the Air Suction Key (component 6). The air pressure monitoring indicators (component 5) will show the suction status.
- **Stronger Suction:** For rough concrete walls, double-click the right-side power button to activate a stronger suction mode.
- **Load Capacity:** The wall support bracket can hold items weighing up to 5KG (11lb).

- **Versatile Bracket:** The included wall support bracket features standard 1/4"-20 mounting threads, compatible with various tools like other laser levels, rangefinders, or cameras.

Automatically Adheres to Wall Surfaces

Utilizing the principle of continuously extracting air, it can firmly adhere to various object surfaces for up to **10** hours



Figure 4: The electronic vacuum suction cup adheres to multiple surface types.

5.3 Drill Dust Collector

The integrated drill dust collector efficiently captures debris during drilling, preventing dust from spreading and protecting your health. The transparent view cover allows you to monitor dust capacity.

- **Max Drill Diameter:** Accommodates drills with a diameter of up to 13mm.
- **Operation:** Position the drill bit through the drill hole (component 1) and begin drilling. The dust will be collected in the large capacity dust box (component 2).

Dust Free and Healthier

With a large-capacity dust box to keep the dust from flying



Figure 5: The drill dust collector in action, ensuring a clean drilling process.

5.4 Video Demonstration

Watch this official video for a visual guide on using the Tyrry 4-in-1 Laser Level Tool:

Your browser does not support the video tag.

Video 1: Official demonstration of the Tyrry 4-in-1 Laser Level with Dust Collector and Wall Bracket features.

6. MAINTENANCE

6.1 Cleaning the Dust Collection Box

To remove the dust collection box (component 2), press the button for removing the dust box (component

3). Empty the collected debris and clean the box as needed. Ensure it is securely reattached before further use.

6.2 General Cleaning

Wipe the tool with a soft, dry cloth. Do not use abrasive cleaners or solvents that could damage the device or its laser components.

7. TROUBLESHOOTING

7.1 Low Battery / Insufficient Suction Warning

The status indicator light (component 4 for battery, component 5 for air pressure) continuously updates the battery and suction status. If the battery is low or suction is insufficient, the device will emit a beeping warning sound. Recharge the battery or re-adjust the device on the surface to ensure adequate suction.

7.2 Suction Cup Not Adhering

If there are significant gaps or very rough textures on the wall surface, the electronic suction cup may not adhere securely. Try to find a smoother, flatter area for attachment. For rough concrete walls, remember to double-click the right-side power button for stronger suction.

8. SPECIFICATIONS

Feature	Detail
Brand	Tyrry
Model Number	DC10
Dimensions	21.2 x 17.7 x 6.2 cm
Item Weight	510 g
Material	Metal, Plastic
Power Source	Battery Powered
Battery Type	1800mAh Lithium Ion (included)
Included Components	Charger
Laser Wavelength	500-690nm
Laser Power	<1mw (Class 2)
Laser Line Accuracy	±2mm/1m (±1/13-Inch at 3.28 ft)
Suction Force	55000pa
Max Load Capacity	5KG (11lb)
Max Drill Diameter	13mm
Operation Mode	Automatic
Country of Origin	China

9. WARRANTY & SUPPORT

The Tyrry DC-10 4-in-1 Laser Level Tool comes with a **2-year warranty**. For any technical support or warranty claims, please contact Tyrry customer service. You can typically find contact information on the product packaging or through the retailer where the product was purchased.

Additional support includes:

- Lifetime Free Technical Support
- 12 Months Replacement Policy
- 24/7 Email Assistant
- 30-Day Return Policy



Figure 6: Overview of Tyrry's customer support and warranty offerings.