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YGiTK B0GC5BMGTW

YGiTK Magnetic Digital Angle Finder Instruction Manual

Model: B0GC5BMGTW

1. Introduction

The YGiTK Magnetic Digital Angle Finder is a versatile and precise measuring tool designed for various applications including woodworking, construction, decoration, and DIY projects. This device combines the functionality of a traditional angle measuring tool with a laser level, offering accurate and efficient measurements. Its compact design, strong magnetic base, and clear LCD display make it an essential tool for professionals and hobbyists alike.

This inclinometer features an IP54 waterproof rating, ensuring durability in various working conditions, and is conveniently rechargeable via a Type-C USB port.



Image 1: The YGiTK Digital Angle Finder being used in different scenarios such as home decoration, woodworking, machine manufacturing, and floor maintenance, demonstrating its wide range of applications.

2. Product Features

- **Multifunctional Design:** Combines angle measurement and laser leveling capabilities. Constructed from durable aluminum.
- **4*90° Multi-angle Measurement:** Offers a full 360° measurement range. Features zero-reset at any angle and an auto-inverting display for easy reading when upside down.
- **High Accuracy:** Accuracy of ±0.2° (±0.1° at 0° and 90°) with a resolution of 0.05°.
- **4-Side Strong Magnetic Base:** Powerful magnets on all four sides allow for stable attachment to metal surfaces, aiding in hands-free operation.
- **Rechargeable Battery:** Equipped with a 340mAh lithium battery, rechargeable via Type-C USB. A full charge takes approximately 2 hours and provides up to 7 hours of continuous use.
- **Large LCD Display:** Backlit LCD with illuminated numbers and letters ensures clear readability in both dark and

bright environments.

- **Laser Level:** Class 2 laser with output less than 5mW, suitable for various alignment tasks.



Image 2: An overview of the YGiTK Digital Angle Finder, highlighting its compact dimensions (61mm x 61mm x 30mm) and key features such as LCD screen, 4*90° measuring, IP54 waterproof, 0.01 accuracy, 0.05° resolution, Type-C charging, angle finder, and unit conversion.

3. Package Contents

Please check the package contents upon receipt to ensure all items are present:

- YGiTK Digital Angle Finder
- USB Type-C Charging Cable
- User Manual
- Storage Pouch



Image 3: The YGiTK Digital Angle Finder shown with its accessories, including a protective pouch, a USB Type-C charging cable, and the user manual, all packaged in a product box.

4. Setup

4.1 Charging the Device

Before first use, fully charge the device. Connect the provided USB Type-C charging cable to the charging port on the side of the angle finder and plug the other end into a suitable USB power source (e.g., computer, wall adapter). The battery indicator on the LCD will show charging status.

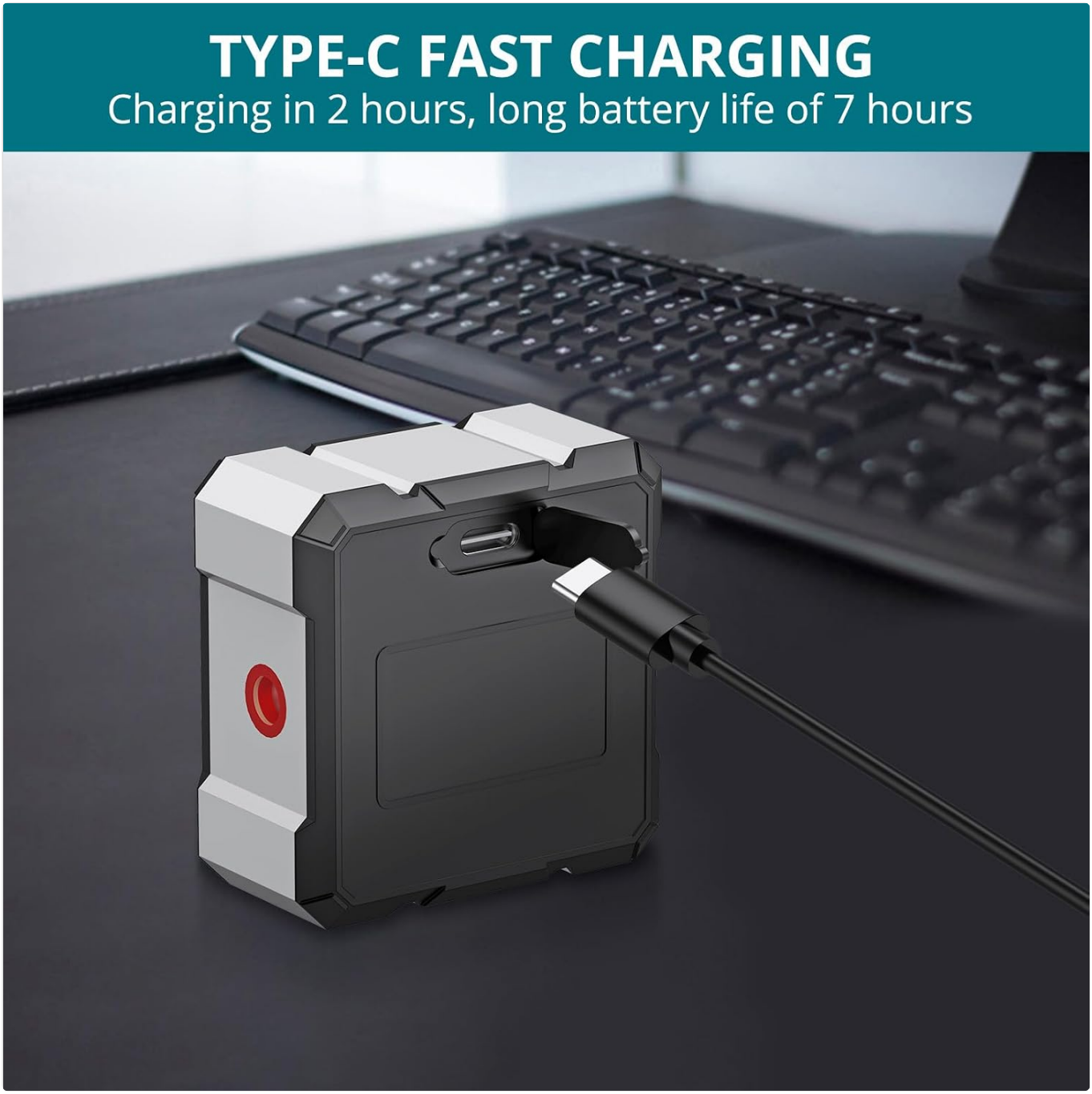


Image 4: The YGiTK Digital Angle Finder being charged via its Type-C USB port, demonstrating the fast charging capability and long battery life.

5. Operating Instructions

5.1 Power On/Off

Press the **ON/OFF** button to turn the device on or off.

5.2 Basic Angle Measurement

Place the angle finder on the surface you wish to measure. The angle will be displayed on the LCD screen. The display automatically inverts when the device is turned upside down for easier reading.

5.3 Zeroing Function

To set the current position as the reference 0° angle, press the**ZERO** button. This allows for relative angle measurements.

5.4 Hold Function

Press the **HOLD** button to freeze the current reading on the display. Press it again to release the hold and resume live measurement.

5.5 Laser Operation

To activate the laser, press the **ON/OFF** button repeatedly:

- First press: Activates the right laser.
- Second press: Activates the left laser.
- Third press: Activates both lasers.
- Fourth press: Turns off the lasers.



Image 5: The YGiTK Digital Angle Finder projecting dual laser lines on a wall, assisting in the precise alignment of picture frames for home decoration.

▶ **Watch video online**

YGiTK Digital Angle Finder with Dual Laser

Video 1: Demonstration of the YGiTK Digital Angle Finder's features, including laser activation, magnetic attachment, and accurate angle measurement for woodworking applications like setting saw blade angles.

6. Maintenance

- Keep the device clean and dry. Use a soft, damp cloth to wipe the surface. Do not use abrasive cleaners or solvents.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Store the angle finder in its protective pouch when not in use to prevent scratches and damage.
- Charge the battery regularly, even if not in frequent use, to maintain battery health.

7. Troubleshooting

7.1 "Err" Displayed

If the device displays "Err", it indicates that the front or rear inclination angle exceeds 30°. This is a safety feature to prevent inaccurate readings outside the optimal measurement range. Adjust the device's position to be within the recommended inclination limits.



Image 6: Illustrations demonstrating correct angle measurement and scenarios where the "Err" message appears on the YGiTK Digital Angle Finder when the inclination exceeds 30 degrees.

7.2 Laser Not Working

- Check the battery level. Recharge the device if the battery is low.
- Ensure the laser is activated correctly by pressing the ON/OFF button multiple times to cycle through the laser modes (right, left, both).

7.3 Inaccurate Readings

- Ensure the device is placed on a stable and clean surface.
- Perform a zero-calibration by pressing the **ZERO** button on a known level surface.
- Avoid strong magnetic fields that might interfere with the internal sensors.

8. Specifications

Feature	Specification
Brand	YGiTK
Model	B0GC5BMGTW
Color	White
Item Weight	0.16 Kilograms
Operation Mode	Automatic
Accuracy	±0.2° (±0.1° at 0° and 90°)
Resolution	0.05°
Measurement Range	4*90° (0-360°)
Charging Interface	Type-C USB
Charging Time	Approx. 2 hours
Battery Life	Approx. 7 hours
Waterproof Rating	IP54
Laser Class	Class 2, Output <5mW

9. Safety Information

9.1 Laser Safety

This device contains a Class 2 laser. Please observe the following safety precautions:

- Do not stare directly into the laser beam.
- Avoid directing the laser beam towards people or animals.
- Do not disassemble or modify the laser module.
- Use the device only as intended.

Laser Level Class 2, Output <5mW.

10. Warranty and Support

YGiTK products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your product, please contact YGiTK customer service through the retailer where the product was purchased or visit the official YGiTK website. Please retain your proof of purchase for warranty claims.

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