Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Mitening MT-zhinanzheng-brass

Mitening Portable Brass Outdoor Compass Instruction Manual

Model: MT-zhinanzheng-brass

1. Introduction

The Mitening Portable Brass Outdoor Compass is a classic, durable, and reliable navigation tool designed for outdoor enthusiasts. Its compact size, waterproof design, and luminous features make it an essential companion for activities such as camping, hiking, hunting, and general outdoor adventures. This manual provides comprehensive instructions to help you understand and effectively use your compass.



Image: The Mitening Portable Brass Outdoor Compass, showcasing its classic brass casing and open dial.

2. Key Features

- **Portable Design:** Constructed from durable alloy with a retro golden finish and a foldable metal cover, making it easy to carry in a pocket.

- **Luminous Display:** Features fluorescent markings designed for use and data reading in dark environments after absorbing sufficient natural light, sunlight, or UV rays.
- **Water-Resistant:** Designed to be rain-resistant, suitable for outdoor use in various weather conditions without losing direction.
- **Durable Construction:** Made with a robust metal casing, lightweight yet highly resistant, capable of enduring extreme weather conditions.
- **High Sensitivity & Stability:** Provides accurate direction distinction and helps in repairing your position, ensuring reliable navigation.



Image: The compass dial glowing in the dark, demonstrating its night fluorescence feature after light exposure.



Image: The compass being used outdoors in light rain, highlighting its water-resistant capability.

3. Product Components

Familiarize yourself with the main parts of your Mitening compass:



Image: A detailed diagram illustrating the key components of the compass, including the clock dial, pointer, V opening, metal cover, and metal rings.

- **Metal Cover:** The protective brass casing that folds over the compass dial.
- **V Opening:** A small notch on the cover for easy opening.
- **Clock Dial:** The rotating dial with degree markings (0-360) and cardinal directions (N, S, E, W).
- **Pointer (Needle):** The magnetic needle that indicates direction. The red end typically points North.
- **Metal Rings:** Small rings for attaching a lanyard or keychain.

4. Setup and Preparation

4.1 Initial Inspection

Upon receiving your compass, inspect it for any visible damage. Ensure the metal cover opens and closes smoothly and the compass needle moves freely when the cover is open.

4.2 Activating the Luminous Feature

The luminous markings on the compass dial require exposure to light to glow in the dark. Before using the compass in low-light conditions, expose it to natural light, sunlight, or ultraviolet (UV) light for a sufficient period (e.g., 10-15 minutes in bright light). The longer the exposure, the brighter and longer the glow will last.

4.3 Important Safety Warning

WARNING: Do not place the compass near strong magnetic fields. This includes electronic devices (mobile phones, GPS devices), magnets, metal objects, or power lines. Magnetic interference can cause the compass needle to give inaccurate readings or become demagnetized, leading to incorrect navigation.

5. Operating Instructions

5.1 Opening the Compass

Gently lift the metal cover using the V opening until it is fully open and perpendicular to the compass base. This allows the needle to move freely.

5.2 Holding the Compass

Hold the compass flat and level in the palm of your hand, away from any metal objects or electronic devices that could interfere with its magnetic needle. Ensure your body is not obstructing the needle's movement.



Image: A person holding the compass flat and level in their hand while hiking, demonstrating proper usage.

5.3 Reading the Compass

1. **Orient the Compass:** Allow the magnetic needle to settle. The red end of the needle will point towards Magnetic North.
2. **Identify Cardinal Directions:** The compass dial is marked with cardinal directions: N (North), S (South), E (East), W (West), and intermediate directions like NE, SE, SW, NW.
3. **Read Degrees:** The outer ring of the dial is marked in degrees (0-360). North is typically 0° or 360°, East is 90°, South is 180°, and West is 270°.
4. **Determine Your Bearing:** Once the needle settles, rotate your body and the compass together until the 'N' on the dial aligns with the red (North-pointing) end of the needle. The direction you are facing will then be indicated by the corresponding marking on the dial.

5.4 Using the Luminous Feature in the Dark

After charging the luminous markings (as described in Section 4.2), the compass can be read in low-light or dark

conditions. The glowing numbers and cardinal points will allow you to determine direction without external light sources.

6. Care and Maintenance

6.1 Cleaning

Wipe the compass with a soft, dry cloth to remove dust and fingerprints. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or solvents, as they may damage the brass finish or the compass mechanism.

6.2 Storage

When not in use, keep the compass cover closed to protect the dial and needle. Store the compass in a cool, dry place, away from direct sunlight and strong magnetic fields. Prolonged exposure to extreme temperatures or humidity can affect its performance and longevity.

6.3 Water Resistance

The compass is designed to be rain-resistant and suitable for use in light rain. It is not fully waterproof and should not be submerged in water. If the compass gets wet, dry it thoroughly as soon as possible to prevent water damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Compass needle does not settle or points incorrectly.	Magnetic interference from nearby objects (electronics, metal, magnets).	Move away from any potential sources of magnetic interference. Ensure you are not wearing or carrying large metal objects near the compass.
Luminous markings do not glow in the dark.	Insufficient light exposure to charge the fluorescent material.	Expose the compass dial to bright natural light, sunlight, or UV light for an extended period (e.g., 15-30 minutes) before use in the dark.
Compass needle appears sluggish or stuck.	Dirt or debris inside the casing, or physical damage.	Ensure the compass is held perfectly level. If the issue persists, the compass may be damaged. Do not attempt to open the sealed casing.

8. Technical Specifications



Image: The compass with its key dimensions indicated, showing its compact size.

Attribute	Detail
Brand	Mitening
Model Number	MT-zhinanzheng-brass
Material	Brass
Color	Gold

Attribute	Detail
Product Dimensions (L x W x H)	5 x 1.6 x 0.03 cm (approx. 50mm diameter, 16mm height)
Weight	40 grams
Special Features	Water-resistant, Luminous display
Included Components	Compass

9. Warranty and Support

Specific warranty information and direct customer support contact details for the Mitening Portable Brass Outdoor Compass are not provided within this manual. For any inquiries regarding warranty, returns, or technical support, please refer to the retailer or platform where the product was purchased. They will be able to provide the most accurate and up-to-date information regarding your purchase.

© 2023 Mitening. All rights reserved. This manual is for informational purposes only.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B083B9G84B

More documents and user manuals: **https://manuals.plus/**