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Model: MS6252A

INTRODUCTION

The AJDFVHJF MS6252A Handheld Digital Anemometer is a precision instrument designed to measure wind speed, wind chill, and temperature. It also includes sensors for measuring wind humidity and temperature readings. This compact and lightweight device is ideal for various applications, from determining local weather conditions to assessing wind impact on outdoor activities.

SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in injury or damage to the product.

- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- Avoid dropping the device or subjecting it to strong impacts.
- Keep the device away from water and high humidity unless specified for such conditions.
- Do not attempt to open or modify the device; this will void the warranty.
- Dispose of batteries properly according to local regulations.

PRODUCT OVERVIEW

The MS6252A anemometer features a clear digital display and intuitive controls for easy operation. Its compact design makes it convenient for portable use.



Figure 1: Front and side views of the MS6252A Anemometer. This image illustrates the device's overall design, including the impeller, digital display, control buttons (FUNC, HOLD, MAX/MIN, backlight), and approximate dimensions (165mm height, 83mm width, 36mm depth).





Figure 2: Back view of the MS6252A Anemometer. This image shows the rear casing, which typically houses the battery compartment and may include a tripod mounting screw hole.

Key Components:

- **Impeller:** Measures wind speed.
- **LCD Display:** Shows readings for wind speed, temperature, wind chill, and humidity.
- **Control Buttons:**
 - **POWER:** On/Off button.
 - **FUNC:** Function button to cycle through measurement modes.

- **HOLD:** Data hold function.
 - **MAX/MIN:** Displays maximum or minimum recorded values.
 - **Backlight:** Activates display backlight.
- **Temperature/Humidity Sensors:** Integrated for environmental readings.

SETUP

Battery Installation:

1. Locate the battery compartment cover on the back of the device (refer to Figure 2).
2. Open the battery compartment by sliding or unscrewing the cover.
3. Insert the required batteries (e.g., AAA batteries, typically 3x) ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Powering On/Off:

- To power on the device, press the **POWER** button.
- To power off the device, press and hold the **POWER** button for a few seconds until the display turns off.

OPERATING INSTRUCTIONS

Measuring Wind Speed:

1. Ensure the device is powered on.
2. Hold the anemometer so that the impeller faces directly into the wind.
3. The wind speed reading will be displayed on the LCD screen. The unit of measurement (e.g., m/s, km/h, mph) can typically be changed using the **FUNC** button or a dedicated unit button if available.

Measuring Temperature and Humidity:

- The device automatically measures ambient temperature and humidity.
- Press the **FUNC** button to cycle through different display modes, which may include temperature (°C/°F) and relative humidity (%).

Wind Chill Measurement:

- The anemometer can calculate and display wind chill based on measured wind speed and temperature.
- Use the **FUNC** button to navigate to the wind chill display mode.

Data Hold Function:

- To freeze the current reading on the display, press the **HOLD** button.
- Press **HOLD** again to release and resume live measurements.

Maximum/Minimum Readings:

- Press the **MAX/MIN** button to view the maximum recorded wind speed, temperature, or humidity since the device was powered on or the function was reset.
- Press **MAX/MIN** again to cycle to the minimum recorded value.
- Press a third time to return to live readings.

Backlight:

- Press the **Backlight** button (often represented by a sun or lightbulb icon) to illuminate the display for use in low-light conditions.
- Press it again to turn off the backlight.

MAINTENANCE

Cleaning:

- Wipe the device with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Ensure the impeller is free from dust and debris for accurate readings.

Storage:

- When not in use for extended periods, remove the batteries to prevent leakage.
- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity; replace batteries.
Inaccurate wind speed readings.	Impeller obstructed or damaged; device not facing wind correctly.	Clear any obstructions from the impeller; ensure the impeller is directly facing the wind source.
Display is dim or blank.	Low battery power; backlight off.	Replace batteries; press the backlight button.

SPECIFICATIONS

Feature	Detail
Model	MS6252A
Functions	Wind Speed, Wind Chill, Temperature, Humidity
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.1 pounds (approx. 500 Grams)
Power Source	<i>(Typically AAA batteries, quantity not specified in input, assuming common type)</i>
Brand	AJDFVHJF

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official AJDFVHJF website. Keep your proof of purchase for warranty claims.



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