

Semme PM6252A

Semme PM6252A Digital Anemometer User Manual

Model: PM6252A

1. INTRODUCTION

Thank you for choosing the Semme PM6252A Digital Anemometer. This portable, professional measuring instrument is designed for accurate wind speed and air volume measurements. Featuring a large-screen LCD with backlight, it supports both handheld and fixed measurements, and includes functions such as data hold, maximum, and minimum readings. This manual provides essential information for the safe and effective use of your device.



Image: Semme PM6252A Digital Anemometer with its protective carrying case.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the device.

- Do not attempt to repair or modify the device. Refer all servicing to qualified personnel.
- Keep the device away from water and high humidity environments.
- Avoid exposing the device to extreme temperatures or direct sunlight for extended periods.
- Ensure proper battery installation and disposal according to local regulations.
- Do not block the fan blades during operation.

3. PRODUCT OVERVIEW

The Semme PM6252A Digital Anemometer features a robust design for reliable performance.

PROFESSIONAL HIGH-PRECISION ANEMOMETER



LED HD
backlight



6 wind
speed units



High precision
measurement

Image: Front view of the Semme PM6252A Digital Anemometer displaying its LCD screen and control buttons.

Key Features:

- Large-screen LCD with backlight for clear readings.
- Supports both handheld and fixed measurements.
- Functions include data hold, maximum (MAX), and minimum (MIN) value display.
- Low battery indicator.
- Multiple wind speed units.
- Durable plastic construction.

HAND-HELD OR FIXED MEASUREMENT

ABS+TPE Cover

9V battery - Ultra Low Power Consumption



Image: Close-up of the Semme PM6252A Digital Anemometer highlighting features like LED HD backlight, six wind speed units, and high precision measurement.

4. SETUP

4.1 Battery Installation

The PM6252A Anemometer requires a 9V battery (not always included).

1. Locate the battery compartment cover on the back of the device.
2. Carefully slide or unclip the cover to open it.
3. Insert a new 9V battery, ensuring correct polarity (+ and - terminals).
4. Replace the battery compartment cover securely.

Wide Application



Image: Front and back view of the Semme PM6252A Digital Anemometer, illustrating the battery compartment on the rear.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, press the **Power Switch Key** (usually marked with a power symbol).
- To power off, press and hold the **Power Switch Key** until the display turns off.

5.2 Taking Measurements

Hold the anemometer so that the fan (impeller) faces the direction of the wind or air flow you wish to measure. The current wind speed or air volume will be displayed on the LCD.



Image: User holding the Semme PM6252A Digital Anemometer in an outdoor setting, demonstrating handheld use for wind measurement.

5.3 Function Switching (FUNC Key)

Press the **FUNC** key to cycle through different measurement modes, such as wind speed and air volume. The active mode will be indicated on the LCD.

5.4 Data Hold (HOLD Key)

Press the **HOLD** key to freeze the current reading on the display. Press it again to release the hold function and resume live measurements.

5.5 Maximum/Minimum (MAX/MIN Key)

Press the **MAX/MIN** key to view the maximum or minimum recorded values during a measurement session. Pressing it repeatedly will cycle between MAX, MIN, and current readings.

5.6 Unit Switching (UNIT Key)

Press the **UNIT** key to change the measurement units for wind speed (e.g., m/s, km/h, mph, knots, ft/min) or air volume.

5.7 Backlight

Press the **Backlight Key** (often marked with a light bulb symbol) to turn the LCD backlight on or off for improved visibility in low-light conditions.

6. MAINTENANCE

6.1 Cleaning

- Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the fan blades are free from dust and debris for accurate readings. Use a soft brush if necessary.

6.2 Storage

- When not in use for extended periods, remove the battery to prevent leakage.
- Store the anemometer in its protective carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your PM6252A Anemometer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed battery.	Replace the 9V battery, ensuring correct polarity.
Inaccurate readings.	Fan blades obstructed or dirty; device not positioned correctly.	Clean the fan blades. Ensure the fan is facing the airflow directly.
Display is dim or flickering.	Low battery.	Replace the 9V battery.
Backlight not working.	Backlight function is off; low battery.	Press the Backlight Key. Replace the 9V battery if the issue persists.

8. SPECIFICATIONS

Feature	Detail
Model	PM6252A
Brand	Semme
Product Dimensions	6.61 x 3.27 x 1.57 inches (16.8 x 8.3 x 4 cm)
Weight	9.88 ounces (280 grams)
Material	Plastic
Power Source	9V Battery (not specified if included)

Feature	Detail
Display	Large-screen LCD with backlight
Measurement Functions	Wind Speed, Air Volume
Special Features	Data Hold, MAX/MIN readings, Low Battery Indicator



Image: Diagram illustrating the physical dimensions of the Semme PM6252A Digital Anemometer.

9. APPLICATIONS

The Semme PM6252A Digital Anemometer is suitable for a variety of applications requiring accurate wind speed and air volume measurements, including:

- Weather data collection
- Windsurfing and kite flying

- Sailing and marine activities
- Environmental testing (e.g., drone operations)
- HVAC system analysis
- Industrial fan manufacturing and testing
- High-rise building safety assessments



Digital Anemometer

This meter is a portable, professional measuring instrument with large-screen LCD and backlight

Image: Collage depicting diverse applications for the Semme PM6252A Digital Anemometer, such as drone environment testing, sailing, high-rise building work, and fan manufacturing.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Semme customer service. Keep your purchase receipt as proof of purchase.

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