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

EVTSCAN GT8907

EVTSCAN GT8907 Digital USB Anemometer

User Instruction Manual

1. Product Overview

The EVTSCAN GT8907 is a professional digital multi-function anemometer designed for precise measurement of wind speed, temperature, and humidity. This versatile instrument is suitable for a wide range of applications, including industrial settings, educational institutions, offices, traffic management, and general household use. Key features include:

- Accurate measurement of wind speed, air volume, temperature, and humidity.
- Functions for measuring maximum and minimum wind speed/air volume values.
- Air volume 2/3 MAX value and average value measurement capabilities.
- Selectable units for wind speed/air volume and temperature.
- Wind direction angle measurement function.
- USB connectivity for real-time data transfer to a computer.
- Backlight and data hold functions for enhanced usability.
- Automatic power on/off settings for energy efficiency.



Image: The GT8907 Anemometer unit, showing the main display, control buttons, the connected wind speed probe, and a USB cable for data transfer.

2. Setup and Installation

2.1 Battery Installation

The GT8907 Anemometer requires AAA batteries for operation. Follow these steps to install them:

1. Locate the battery compartment on the back of the main unit.
2. Open the battery compartment cover by sliding or unscrewing it.
3. Insert the required number of AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: Close-up view of the battery compartment on the back of the anemometer, showing slots for AAA batteries.

2.2 Probe Connection

Connect the wind speed and temperature probe to the main unit:

1. Identify the connector port on the top of the main anemometer unit.
2. Align the connector of the probe cable with the port and gently push it in until it clicks into place.
3. Ensure the connection is firm to prevent data inaccuracies.



Image: The GT8907 handheld anemometer with its probe extended, displaying wind speed and temperature readings on its screen.

3. Operating Instructions

3.1 Powering On/Off

Press the **Power** button (usually marked with a power symbol) to turn the device on. Press and hold the same button to turn it off. The device may also have an automatic power-off feature to conserve battery life.

3.2 Basic Measurements

Once powered on, the device will typically display real-time wind speed and temperature. Ensure the probe's fan is exposed to the airflow you wish to measure.

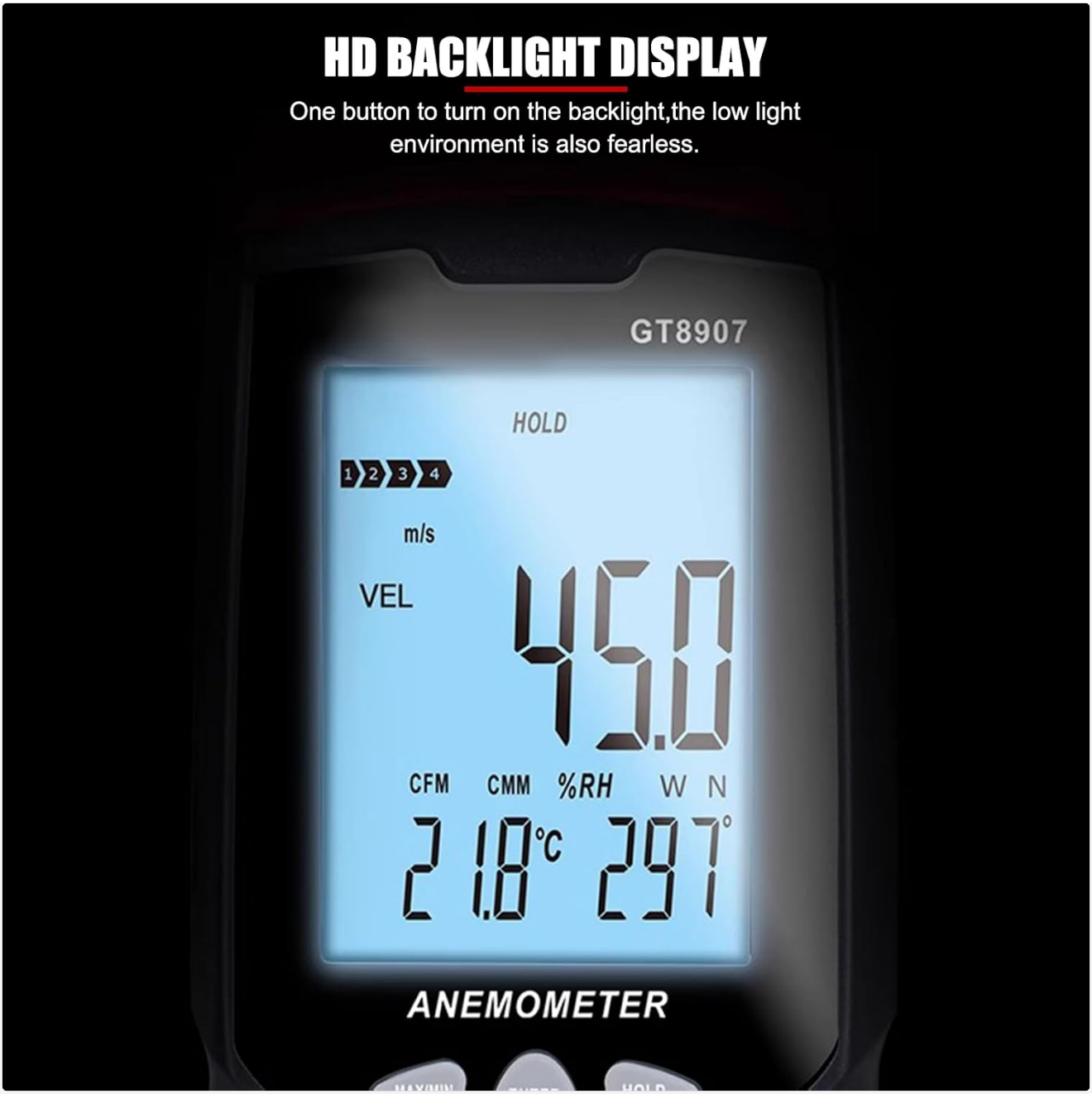

Image: A close-up of the anemometer's HD backlight display, showing clear readings for wind speed (VEL), temperature, and humidity, with the backlight activated.

3.3 Unit Selection

Use the **UNIT** button to cycle through different measurement units for wind speed (e.g., m/s, km/h, mph, knots, ft/min) and temperature (°C / °F).

3.4 Data Hold Function

Press the **HOLD** button to freeze the current readings on the display. Press it again to release and resume real-time measurements.

3.5 Max/Min/Average Measurement

The device supports recording maximum, minimum, and average values. Refer to the specific buttons (e.g., **MAX/MIN**, **AVG**) on your device for these functions. Typically, pressing the button once displays the maximum, a second press displays the minimum, and a third press might show the average or exit the mode.

3.6 Data Storage and USB Connectivity

The GT8907 features a data storage function, allowing you to save up to 960 sets of data. Use the **REC** or **SAVE** button to store current readings. To review stored data or connect to a computer:

1. To review data on the device, use the **READ** or **VIEW** buttons to navigate through stored records.
2. To connect to a computer, use the provided USB cable. Install any necessary drivers or software from the manufacturer's website if prompted. This allows for real-time data logging and analysis.



Image: The anemometer's display showing multiple data points fading into the background, illustrating its data storage capability for up to 960 records.

4. Maintenance

4.1 Cleaning

To ensure accurate readings and prolong the life of your anemometer:

- Wipe the main unit and probe with a soft, dry cloth.

- Do not use abrasive cleaners or solvents.
- Keep the fan blades of the probe free from dust and debris. Gently clean with a soft brush if necessary.



Image: A close-up view of the anemometer's six-blade wind wheel, designed for sensitive and accurate wind measurement.

4.2 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.

4.3 Retractable Handle

The probe features a retractable handle for convenience and versatility. Extend the handle for measurements in hard-to-reach areas and retract it for compact storage. The telescopic handle can extend up to 2.1 meters with a connecting cable.

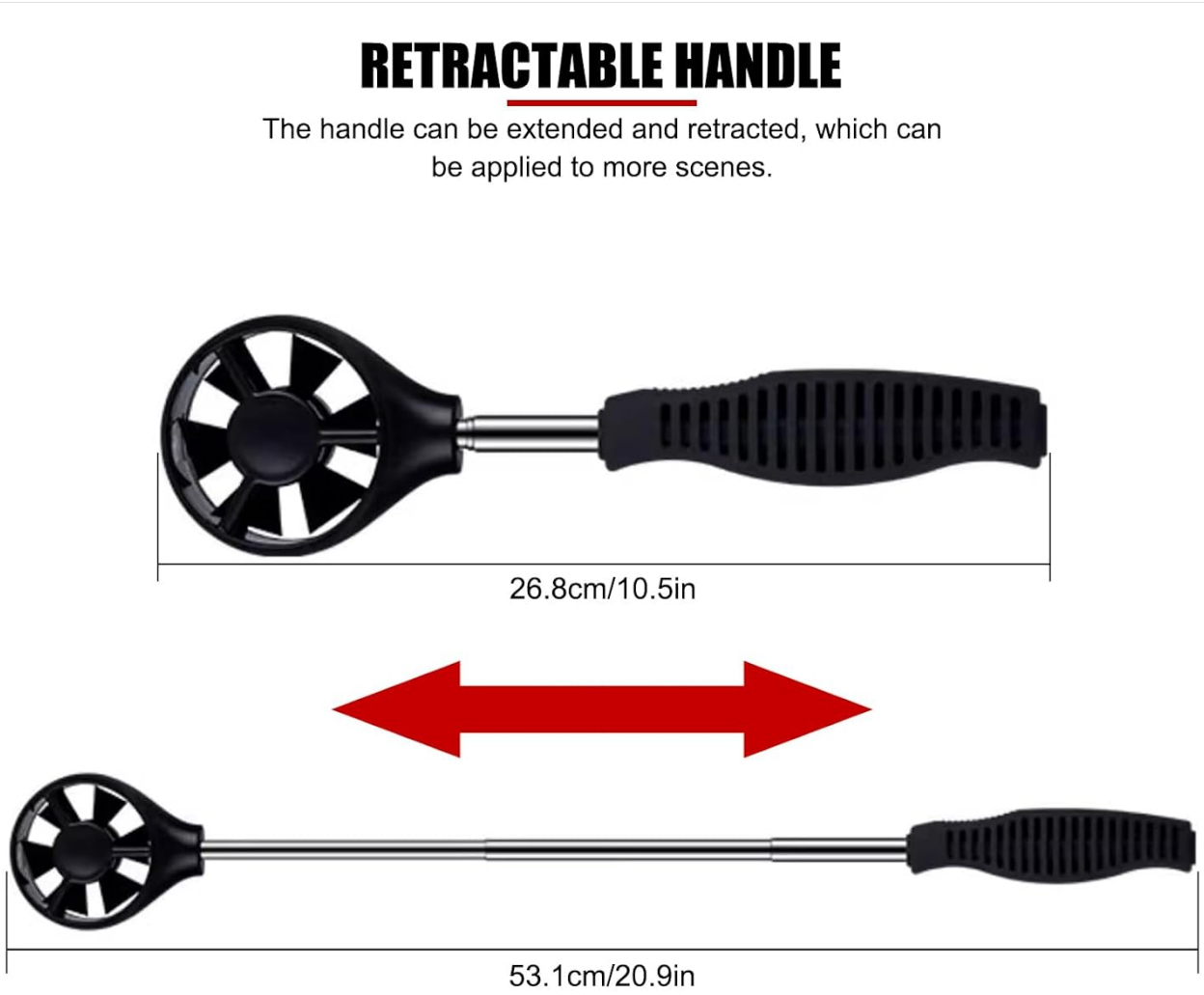

Image: Diagram illustrating the retractable handle of the anemometer probe, showing its compact (10.5 inches) and extended (20.9 inches) lengths.

5. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace batteries with new ones; ensure correct polarity.
Inaccurate readings.	Probe not securely connected; fan blades obstructed; device not calibrated.	Check probe connection; clean fan blades; contact support for calibration information.
Display is dim or blank.	Low batteries; backlight off.	Replace batteries; press the backlight button (if available).

Problem	Possible Cause	Solution
USB connection not recognized.	Missing drivers; faulty USB cable or port.	Install necessary drivers from manufacturer's website; try a different USB cable or port.

6. Specifications

Feature	Detail
Model	GT8907
Brand	EVTSCAN
Product Dimensions	3.94 x 3.94 x 3.94 inches (main unit)
Item Weight	1.21 Kilograms (2.67 Pounds)
Wind Speed Range	0.1 - 45 m/s (approximate, based on image)
Wind Temperature Range	0 - 45 °C (approximate, based on image)
Humidity Range	10 - 90% RH (approximate, based on image)
Data Storage Capacity	Up to 960 groups of data
Connectivity	USB
Power Source	AAA Batteries (not specified how many, typically 3 or 4)

7. Warranty and Support

7.1 Warranty Information

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official EVTSCAN website. Warranty terms and conditions may vary by region and retailer.

7.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact EVTSCAN customer support. You can typically find contact information on the product packaging, the official EVTSCAN website, or through your point of purchase.
For online resources, you may visit the EVTSCAN Store on Amazon.

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/B098LDCDDL

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