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Kanomax 6115

Kanomax Anemomaster Anemometer Model 6115 User Manual

Model: 6115 | Brand: Kanomax

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of the Kanomax Anemomaster Anemometer Model 6115. This device is designed for precise measurement of wind speed, wind temperature, and static pressure. Please read this manual thoroughly before operating the instrument and keep it for future reference.



Figure 1: Kanomax Anemomaster Anemometer Model 6115. This image shows the main unit of the anemometer, typically featuring a display screen, control buttons, and a probe connection port.

2. SAFETY PRECAUTIONS

Always observe the following safety precautions to prevent injury and damage to the instrument:

- Do not expose the instrument to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping the instrument or subjecting it to strong impacts.
- Do not attempt to disassemble or modify the instrument. Refer all servicing to qualified personnel.
- Ensure the probe is securely connected before operation.
- Keep the instrument away from strong magnetic fields.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove the anemometer and its accessories from the packaging. Verify that all components are present and undamaged. If any items are missing or damaged, contact your supplier immediately.

3.2 Battery Installation

1. Locate the battery compartment cover on the back of the unit.
2. Slide or unclip the cover to open.
3. Insert the specified batteries (e.g., AA batteries) according to the polarity indicators (+/-).
4. Replace the battery compartment cover, ensuring it is securely closed.

3.3 Probe Connection

Connect the anemometer probe to the designated port on the main unit. Ensure the connection is firm to prevent inaccurate readings or damage.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the **POWER** button to turn the instrument on. To turn it off, press and hold the **POWER** button again until the display shuts down.

4.2 Measurement Modes

The Kanomax 6115 supports various measurement modes:

- **Wind Speed:** Displays air velocity in selected units (m/s, fpm, km/h, mph).
- **Wind Temperature:** Displays air temperature in Celsius or Fahrenheit.
- **Static Pressure:** Displays pressure readings in selected units (Pa, hPa, mmHg, inH2O).

Use the **MODE** button to cycle through the available measurement modes.

4.3 Taking Measurements

1. Select the desired measurement mode.
2. Position the probe in the airflow or environment to be measured. Ensure the probe is oriented correctly for accurate readings.
3. Read the values displayed on the screen. The display will update in real-time.

4. Some models may feature data hold or averaging functions. Refer to the specific button labels for these features.

4.4 Unit Selection

To change measurement units (e.g., m/s to fpm for wind speed, °C to °F for temperature), refer to the instrument's settings menu, typically accessed via a **SET** or **UNIT** button.

5. MAINTENANCE

5.1 Cleaning

Wipe the instrument's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the probe free from dust and debris.

5.2 Battery Replacement

Replace batteries when the low battery indicator appears on the display. Always use new batteries of the specified type. Remove batteries if the instrument will not be used for an extended period.

5.3 Storage

Store the anemometer in its original case or a protective pouch in a cool, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Instrument does not power on.	Dead or incorrectly installed batteries.	Check battery polarity; replace batteries.
Inaccurate readings.	Probe not properly connected; dirty probe; instrument not calibrated.	Ensure probe is secure; clean probe; contact service for calibration.
Display shows "Err" or blank.	System error; out of measurement range.	Restart the instrument; ensure measurements are within specified range. If error persists, contact support.

7. SPECIFICATIONS

Parameter	Value
Model Number	6115
Measurement Functions	Wind Speed, Wind Temperature, Static Pressure
Wind Speed Range	(Example: 0.1 to 30.0 m/s)
Wind Temperature Range	(Example: -20 to 70 °C)
Pressure Range	(Example: 0 to 500 Pa)

Parameter	Value
Power Supply	(Example: 4 x AA batteries)
Dimensions	(Example: 180 x 85 x 45 mm)
Weight	(Example: 400 g (including batteries))

Note: Specific ranges and values may vary. Refer to the product's packaging or official data sheet for exact specifications.

8. WARRANTY AND SUPPORT

Kanomax products are manufactured to high quality standards. For warranty information, technical support, or service, please contact your local Kanomax distributor or visit the official Kanomax website.
Official Website: www.kanomax.com