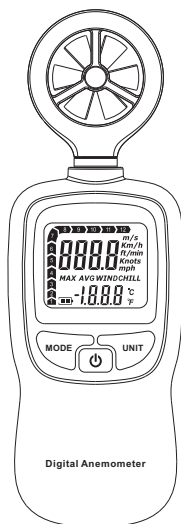


Digital Anemometer Instruction Manual

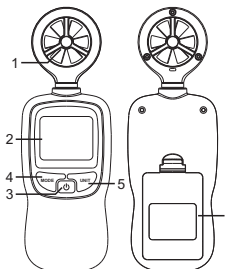


Features

1. Measurement of wind velocity and wind temperature
2. Selection of maximum/average/real-time wind velocity measurement modes
3. °C/°F temperature unit selection
4. Five wind velocity units selection: m/s, Km/h, ft/min, Knots, mph
5. Beaufort wind scale
6. LCD backlight
7. Manual/automatic shutdown
8. Wind chill
9. Low battery

Component Name

1. Fan blades
2. LCD display
3. Power/Backlight button
4. Mode switch button
5. Unit switch button
6. Battery compartment



LCD Display

1. Beaufort wind scale
2. Wind velocity reading and unit
3. Wind temperature reading and unit
4. Maximum wind velocity
5. Average wind velocity
6. Wind chill
7. Battery level



Operating Instructions

1. Power On/Off
Open the battery compartment and correctly install 3 pieces of 1.5V AAA batteries.
In the powered-off state, short-press the Power Button to turn on the device. If there is no button operation for approximately 10 minutes, it will automatically power off. During operation, long-press the Power Button to shut down.
In the powered-off state, long-press the Power Button until the LCD displays [no] to cancel the automatic shutdown function.
2. LCD Backlight
After powering on, short-press the Power Button to turn the backlight on/off. The backlight will automatically turn off after approximately 2 minutes of inactivity (no button operation).
3. Measurement Mode Switching
After powering on, short-press the MODE Button to cycle through Maximum Value [MAX] - Average Value [AVG] - Real-time Measurement Mode.
Maximum Value Mode: Displays the highest wind velocity recorded since switching to this mode.
Average Value Mode: Displays the average wind velocity over the most recent 4 seconds.

4. Unit Switching
Short-press the UNIT Button: Cycle through wind velocity units: [m/s] - [km/h] - [ft/min] - [knots] - [mph].
Long-press the UNIT Button: Switch temperature units between Celsius [°C] and Fahrenheit [°F].
5. Measurement
When the wind vane rotates, the device will start measuring. The LCD display the wind velocity, temperature, and Beaufort wind scale.
6. Wind Chill
When the temperature drops below 0°C, the LCD display [WIND CHILL].

Technical Specifications

Wind Velocity				
Unit	Range	Resolution	Threshold	Accuracy
m/s	0~30	0.1	1.0	±5%±0.2
ft/min	0~5860	19	197	±5%±40
knots	0~55	0.2	2.0	±5%±0.4
km/h	0~107	0.3	3.6	±5%±0.8
mph	0~65	0.2	2.3	±5%±0.4
Wind Temperature				
Unit	Range	Resolution	Accuracy	
°C	-10~45	0.2	±2	
°F	14~113	0.36	±3.6	
Power		3*1.5V AAA batteries		
Temperature Sensor		Negative Temperature Coefficient Resistance		
Operating Temperature		-10°C~45°C(14°F~113°F)		
Operating Humidity		<90%RH		
Storage Temperature		-40°C~60°C(-40°F~140°F)		
Current Consumption		Approximately 6mA		
Dimensions		168*57*35.35mm		

Attention

1. When the LCD displays [], it indicates low battery power, and the battery needs to be replaced.
2. If not used for an extended period, remove the battery to prevent leakage of electrolyte and damage to the instrument.



Specific Declarations:
Our company shall hold no any responsibility resulting from using output from this product as an direct or indirect evidence.
We reserves the right to modify product design and specification without notice.

