



MODEL: GM816

Anemometer Instruction manual



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+982165565901

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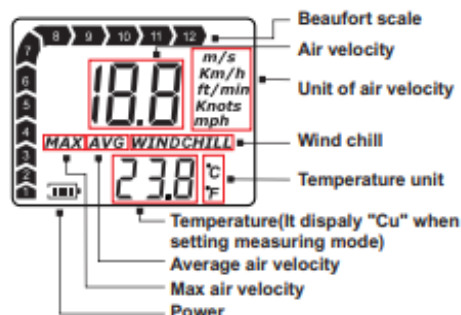
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A. FUNCTION

1. Air Velocity & Temperature Measurement;
2. Max/Average/Current air velocity measurement;
3. °C/°F Temperature unit selection;
4. Five units of air velocity:
M/s, Km/h, ft/min, Knots, mph
5. Beaufort scale;
6. Backlight display;
7. Manual/Auto power shut off;
8. Wind chill indication;
9. Low battery indication.

B. LCD Display



C. Operation

1. **Turn on:** Press "MODE" button for 2 seconds to turn on the unit. LCD will display Air velocity, temperature and battery icon. LCD backlight will last for 12 seconds.
2. **Set unit of air velocity and measuring mode:** Press "MODE" button more than 3 seconds until "m/s" starts to blink. Press "SET" button to select desired air velocity unit. To confirm the unit, press "MODE" button. For setting MAX/AVG/CU mode, press "SET" button again and again until CU/MAX/AVG blink, then press "MODE" button to confirm.
 - 1). The setting will be stored when turn off the unit. But if you change the battery, the setting will go back to the factory preset.
- 3). **Measuring mode:** m/s, Km/hr, ft/min, Knots, mph
CU: current air velocity
MAX: max air velocity AVG: average air velocity

3. Set temperature unit:

Temperature switch key (°C/°F) conceal in the rear cabinet, please use a little push-pin to press the key for °C/°F conversion.

4. **Backlight display:** The backlight will be activated for 12 seconds by press any key
5. **Measurement:** when the wind vane (impeller) turns, LCD will instant display wind speed, temperature and beaufort scale. When temperature below 0 °C, "WIND CHIU" will be shown on the LCD.
6. **Turn off:** Press "MODE" + "SET" buttons at the same time to turn off the unit.
7. **Auto power shut off:** The unit will be shut off without any operation for 14 minutes
8. **Change battery:** When the symbol "□" shown on the LCD, please change the battery.

D. Specification

A. Air velocity				
Unit	Range	Resolution	Threshold	Accuracy
M/s	0-30	0.1	0.1	±5%
Ft/min	0-5860	19	39	
Knots	0-55	0.2	0.1	
Km/hr	0-90	0.3	0.3	
Mph	0-65	0.2	0.2	
B. Temperature				
Unit	Range	Resolution	Accuracy	
°C	-10°C~+45°C	0.2	±2°C	
°F	14°F~113°F	0.36	±3.6°F	
Battery		CR2032 3.0V (Included)		
Thermometer		NTC thermometer		
Operating temperature		-10°C~+45°C (14°F~113°F)		
Operating humidity		Less than 90%RH		
Store temperature		-40°C~+60°C (-40°F~140°F)		
Current consumption		Approx. 3mA		
Weight		52g		
Dimension		40x18x105mm		



MADE IN CHINA