



MODEL: GM816

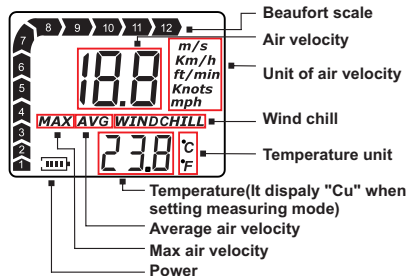
# Anemometer Instruction manual



## 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.
  - 2). **Unit of Air velocity:** m/s, Km/hr, ft/min, Knots, mph
  - 3). **Measuring mode:** 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