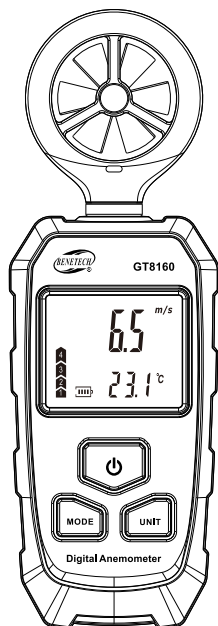




Model : GT8160

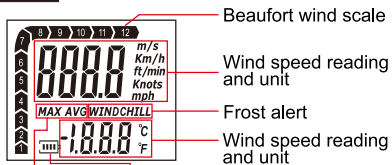
Digital Anemometer Instruction Manual



A.Product Features

- 1.Simultaneously measures wind speed and wind temperature.
- 2.Select maximum wind speed, average wind speed, or current wind speed.
- 3.Switch between °C and °F temperature units.
- 4.Choose from five wind speed units: m/s, km/h, ft/min, knots, and mph.
- 5.Displays the Beaufort wind scale.
- 6.LCD backlight display.
- 7.Manual/automatic power off.
- 8.Frost alert.
- 9.Low battery warning.

B.LCD Display



Maximum wind speed/
Average wind speed Battery level indicator

C.Operating Instructions

- 1.Press the power button once to turn on the device.
All symbols will display on the screen for about 1 second,
then the wind speed measurement interface will appear.
The device will automatically power off after 10 minutes
of inactivity. ;
- 2.Wind speed unit and measurement mode setting:
Press the mode switch button (left button) to toggle
between maximum value mode, average value mode,
and real-time value mode. In maximum value mode, the

displayed wind speed is the highest recorded after
entering this mode. In average value mode, the
displayed wind speed is the average of the past 4
seconds. Press the unit selection button (right button)
to switch between wind speed units.

*Wind speed units: m/s (meters/second), km/h
(kilometers/hour), ft/min (feet/minute), knots
(nautical miles/hour), mph (miles/hour)

*Measurement modes: Current wind speed, Maximum
wind speed (MAX), Average wind speed (AVG)

3. Temperature unit setting:


Hold the unit selection button (right button) to switch
between °C (Celsius) and °F (Fahrenheit).

4.Backlight: Briefly press the power button to turn the
backlight on or off. The backlight will automatically turn
off after 2 minutes of inactivity.

5.Measurement: When the wind vane rotates, wind
speed measurement is active. The screen displays
wind speed, temperature, and the Beaufort wind scale.
If the temperature drops below 0°C, a "WIND CHILL"
frost alert will be shown.

6.Shutdown: Hold the power button for about 2 seconds
to turn off the device.

7.Cancel automatic shutdown: While turning on the
device, hold the power button for about 5 seconds.
When "no" appears on the screen, the device will not
automatically power off.

8.Replace battery: When the LCD displays "  ",
replace the batteries promptly.

D.Technical Specifications

A. Wind Speed Measurement

Unit	Range	Resolution	Threshold	Accuracy
M/s	0~30	0.1	1.0	±5%±0.2m/s
Ft/min	0~5860	19	197	±5%±40ft/min
Knots	0~55	0.2	2.0	±5%±0.4knots
Km/hr	0~107	0.3	3.6	±5%±0.8km/h
Mph	0~65	0.2	2.3	±5%±0.4mph

B.Wind Temperature Measurement

Unit	Range	Resolution	Accuracy
°C	-10°C~+45°C	0.2	±2°C
°F	14°F~113°F	0.36	±3.6°F
Battery		1.5V AAA batteries*3	
Thermometer		NTC thermometer	
Operating Temperature		-10°C~+45°C(14°F~113°F)	
Operation humidity		Less than 90% relative humidity	
Storage Temperature		-40°C~+60°C(-40°F~140°F)	
Current Consumption		Approximately 6mA	
Dimensions		153.5*29.5*52mm	

Special Statement:

Our company is not responsible for any derivative consequences arising
from the use of this product.
Our company reserves the right to modify the product design and manual
contents without prior notice!