

ULTRASONIC PORTABLE MINI AB SPECS SHEET

The Ultrasonic Portable Mini AB is a portable, battery-powered wind meter designed for use in demanding outdoor conditions. It uses four ultrasonic transducers to measure wind speed and direction with high accuracy and responsiveness. The device is compatible with Applied Ballistics software, making it suitable for precision shooting and meteorological uses.

Power: Battery powered (150 hours runtime)
Wireless charging Qi

Information Given:

- **Wind Speed:** Range: 0.5-25m/s (1.12-56 mph)
or 0.5 - 45m/s (1.12 - 100mph)
Accuracy: 0.3 m/s at 10 m/s (0.67 mph at 22.37 mph)
Threshold: 0.5 m/s (1.12 mph)
- **Wind Direction:** Range: 0- 359°
Accuracy: $\pm 1^\circ$

Measurement:

- **Sample rate:** 1 Hz
- **Output units:** m/s, km/h, knots, mph

Data Output:

-**Bluetooth** Version 5.1
Range Up to 30 meters or 98 feet (free space)

Sensors: Ultrasonic Transducers (4x)

Dimensions: Diameter: 43 mm (1.69 in.)
Height: 47 mm (1.85 in.)
Weight: 78 grams (2.75 oz.)

Environmental:

IP Code IPX8 Protection Grade
Temperature Range -15/60° C if no frost
Humidity 0/100% HR
Firmware APPLIED BALLISTICS Compatible
Upgradable via Bluetooth

Compatible Devices:

Smartphones & Tablets

GARMIN Watches



Easy mount: Tripod mount - Female thread

