

# BlueDB

## Bluetooth Sound Meter



BlueDB is a compact, lightweight and easy-to-use Bluetooth sound meter designed for accurate and reliable sound measurement in the field. BlueDB is fully integrated with our MultiGage software for iOS, Android and Windows – providing seamless wireless data collection, real time monitoring and advanced reporting capabilities.

With a measurement range between 35-130dB, and a resolution of 0.1 dB, BlueDB delivers precise sound level readings across a wide range of industrial and environmental applications. The meter supports both A and C frequency weighting scales, allowing users to evaluate sound levels based on human hearing response or peak noise characteristics.

Featuring a wireless range of up to 100ft outdoors, BlueDB ensures flexible positioning and convenient remote monitoring without the need for cables.

For added convenience in the field, pair BlueDB with our flexible magnetic stand for a completely handsfree sound measurement experience. BlueDB features a female 1/4-20 thread attachment on the back for easy mounting.



-   
 Bluetooth Low Energy
-   
 Auto Power-off
-   
 Multi-platform software capability
-   
 Multi-gage capability
-   
 A/C frequency weighting
-   
 Continuous recording and plotting
-   
 Data saving



BlueDB Sound Meter	Specification
Measurement Range	35-130 dB
Resolution	0.1 dB
Accuracy	±1.5 dB @ 94 dB, 1 kHz
Frequency	31.5 Hz-8 kHz
Transmission Range	65ft (20m) Indoors/ 100ft (30m) Outdoors
Wireless Data Rate	1 Hz
Microphone	1/2" electret condenser microphone
Working Temperature	32 to 104°F (0 to 40°C)
Mounting Option	Female 1/4" NPT
Frequency Weighting	A or C decibel frequency weighting scales
Dimensions	7.25" x 2" x 1.5" (185 x 54 x 36mm)
Weight	6.5oz (184g)

### More Features with FREE MultiGage Software\*

- Simultaneous reading of multiple devices
- Data plotting on iPhone/iPad/Android
- Continuous or single data point recording
- Max, Min, TIR measurement
- Remote zeroing from the app
- GO/NG judgment with green/red color indication
- Custom formula calculator
- Large analog probe meter with adjustable range
- Data saving in local database
- Data export in CSV via email and cloud drives
- Keyboard entry to Excel or SPC software on PC
- Apple Watch support



### \*\*MultiGage Cloud

Users can view and record readings from anywhere with our browser-based remote monitoring platform, MultiGage Cloud. Create custom dashboards, set alerts, receive notifications, and record readings remotely by connecting gauges wirelessly to our Cloud gateway. Connect up to an unlimited amount of sensors at once. MultiGage Cloud is a paid platform.

\*\*Availability of features varies between apps/platforms.

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The software & hardware can be customized.  
Contact Motionics for details.

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