

## Integrate the sound level DB22-600LEQ

### Product Descriptions

The DB22-600LEQ integrating sound level meter is an intelligent noise measurement instrument capable of measuring A-weighted sound pressure level, equivalent continuous sound level (Leq), sound exposure level (LAE), and noise exposure (E). Adopting advanced digital detection technology and controlled by a powerful processor for calculation, it features automatic range switching, good reliability, high stability, and a wide dynamic range. Its performance complies with the requirements for Class 2 sound level meters and personal sound exposure meters in GB/T 3785 and GB/T 15952, and can be widely applied to environmental noise monitoring, noise evaluation for labor protection and industrial hygiene, as well as measurement and analysis of industrial noise from various machines, vehicles, ships, electrical appliances, etc.



### Product Features

- It meets the requirements of grade 2 sound level meter in GB/T 3785 and GB/T 15952.
- Integrated design, small size, light weight.
- USB data cable output is used to communicate with PC. Bluetooth data output selection is provided.

### Product Specifications

Measuring range	A Sound level: 40dB~130dB, noise exposure: 0.1~99.9(Pa <sup>2</sup> .h)
Frequency range	20Hz~8kHz
Frequency power	A weighted
Time power	F (fast), S (slow)
Automatic measurement display	Automatic measurement of LA, Leq, Lmax, LAE, E and Tm (measurement time) with 4-bit LCD digital display.
Microphone	Φ12.7mm Pre-polarized test capacitance microphone / frequency range 20Hz~12.5kHz / nominal sensitivity-32dB/Pa
Calibration	Use a level 2 calibrator (1000Hz, 94dB) for calibration
Power	Using 4*1.5v AAA batteries, the power consumption is about 25mA, and it can work continuously for more than 24 hours
Measurement time	Hand control, 10s, 1min, 5min, 10min, 15min, 30min, 1h, 4h, 8h, and 24h.
Operating Condition	Temperature: 0~40 °C Humidity: <90 %RH Air pressure: 65kPa~108kPa
Size	230*77*32mm
Weight	200 g (Not including batteries)

### Product Accessories

Standard Accessories	Main Unit,
	Wind cap
	Hand-held portable box
	Operating instruction
Optional Accessories	RS-232 data output,
	Bluetooth data output