

DIGITAL SOUND LEVEL METERS
MODEL NO.BE814/BE824/BE844**BE824****BE844****APPLICATION**

This high-precision high quality high accuracy Sound Level Meter (30 to 130 Decibels) has been designed to meet the measurement requirement of Safety Engineers, Health, Industrial Safety offices and Sound Quality control in various environment.

KEY FEATURES

- Designed according to International Electrician Committee Standard IEC 651 TYPE 2
ANSI S1.4 TYPE 2
- Wild Measurement Range: 30-130dB
- High Accuracy: up to ± 1.5 dB
- Windscreen/sponge ball to filter-out unwanted signals
- With Bar graph & Overload Indication (Over/Under)
- With 2 equivalent weighted sound pressure levels A and C
A frequency weighting for general sound level measurements, C frequency weighting for checking the low-frequency content of sounds
- AC & DC analogy signal output are available connecting to frequency analyzer level recorder, FFT analyzer and graphic record
- Large LCD screen with digits reading
- Fast and Slow dynamic characteristic mode
- Maximum value hold function to lock up the maximum reading
- Auto power off design for energy saving
- Dynamic sound level ranges & battery life indication
- Brand new, portable and easy to us, factory pre-calibrated

DIGITAL SOUND LEVEL METERS MODEL NO. BE814/BE824/BE844

SPECIFICATIONS

- * Measuring Level: **30-130dB (A) , 35-130dB (C)**
- * **With Software CD & USB Cable, for recording data into your PC(only for model BE844)**
- * Level Ranges: 30-80dB ;50-100dB ;60-110dB ;80-130dB ;30-130dB
- * Accuracy: $\pm 1.5\text{dB}$ (under reference conditions)
- * Resolution: 0.1dB
- * Frequency Range: 31.5Hz to 8.5KHz
- * Linearity Range: 50dB/100dB
- * Bar Graph:50dB scale at 1dB step for monitoring current sound pressure level
- Sample Rate: 20times/second
- * Overload Indication: OVER/UNDER
- * Frequency Weighting: A and C
- * Digital Display: 4 digits
- * AC Signal Output: 0.707Vrms at FS output impedance approx. 600 Ω (ohm)
- * DC Signal Output: 10mV/dB, output impedance approx. 100 Ω (ohm)
- * Time Weight: FAST / SLOW
- * Microphone: 1/2" Electric Condenser microphone
- * Max hold function: Yes
- * Operating Condition: 0~40°C, 10~80%RH
- * Storage Condition: -10~60°C, 10~70%RH
- * Power Supply: 4 x AA 1.5V alkaline battery (included) or DC 6V 100mA (not included) (For BE824,BE844)
- * Power supply: 9V battery or DC6V 100mA Adapter(not included)(for BE814)
- * Battery Power Life: About 30 hours (alkaline battery)
- * Size: 256 x 70 x 35mm(for BE824,BE844), 70x29x207mm(for BE814)
- * Weight (Meter with Sponge Ball/Windscreen Filter): 230g (excluding batteries)



BE814

ACCESSORIES

- * 1 x Sponge Ball (Windscreen Filter)
- * 1 x software CD and USB cable (Only for BE844)
- * 1 x Output wire cable
- * 1 x Operation Manual
- * 4 x AA Batteries (for BE824,BE844),9V battery(for BE814)
- * 1x packaging box



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