

DIGITAL SOUND LEVEL METER MODEL NO.SL4200/SL4201



SL4200

SL4201

APPLICATION

The appearance design of digital sound level meter is novel, small and portable. The digital sound level meter is applicable for measurement of noise engineering, quality control, health prevention and various environmental noises, including noise measurement in such various places as factories, offices, transporting routes, families, stereo equipment and other places.

KEY FEATURES

- Designed according to International Electrician Committee Standard IEC 651 TYPE 2 ,ANSI S1.4 TYPE 2
- Wild Measurement Range: 35-130dB(**for SL4200**);(28)30-130dB(**for SL4201**)
- Windscreen/sponge ball to filter-out unwanted signals
- 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
- battery life indication
- Brand new, portable and easy to use
- Data storage(**for SL4201**)
- With USB interface(**for SL4201**)

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SPECIFICATIONS

- * Microphone: 1/2 inch electrets condenser
- * Display: 3 1/2 digits LCD display (for SL4200), 4 digits LCD (for SL4201)
- * Frequency range: 125Hz to 8KHz (for SL4200), 31.5Hz to 8KHz (for SL4201)
- * Measuring range: 35-130dB (for SL4200), (28)30-130dB (for SL4201)
- * Frequency weighting: A/C
- * Resolution: 0.5dB (for SL4200), 0.1dB (for SL4201)
- * Sampling time: 0.5 second
- * Time Weighting: FAST 125ms
SLOW 1 second
- * Measuring ranges:
 - Range 1: (30) 32dB to 70 dB (for SL4200), (28)30dB to 70dB (for SL4201)
 - Range 2: 60dB to 100 dB
 - Range 3: 90dB to 130 dB
- * Accuracy: ± 2 dB (94dB @ 1kHz) (for SL4200), ± 1.5 dB (94dB @ 1kHz) (for SL4201)
- * Dynamic range: 40dB
- * Overflow indicator
- * MAX hold: "MAX"
- * Power supply: one 9V battery (model 6F22)
- * Data storage: 60000 samples (for SL4201)
- * Interface: USB interface (for SL4201)
- * Operating environment:
 - Temperature: 0-40°C (32-104°F)
 - Relative humidity: $\leq 90\%$ RH (for SL4200), $\leq 75\%$ RH (for SL4201)

ACCESSORIES

- * 9V battery x1 pc
- * Instruction manual x 1pc
- * Carry case x 1pc
- * USB cable and software x 1 set (for SL4201)