

KEW325 Sound Level Meter



PRODUCT DATA SHEET

KEW325

SOUND LEVEL METER

- Maximum/minimum function
- Frequency weighting: A, C
- Time weighting: fast, slow
- Level range: 32dB to 130dB
- Accuracy: +/-1.5dB (ref 94dB at 1KHz)
- Resolution 0.1dB update 0.5s
- Low battery indication
- IEC 651 Type II
- AC signal output

SPECIFICATIONS

Standard Applied	IEC651 Type2, ANSI S1.4 Type2.
Frequency Range	31.5Hz to 8KHz
Measuring Level Range	32dB to 130dB
Frequency Weighting	A / C
Microphone	1/2 inch electret condenser microphone
Display	LCD
Digital Display	4 digit
Resolution	0.1dB
Display Update	0.5 sec.
Time Weighting	FAST (125mS), SLOW (1 sec.)
Level Ranges	Lo: 32 dB to 80 dB Med: 50 dB to 100 dB Hi: 80 dB to 130 dB
Accuracy	±1.5dB (under reference conditions, 94dB@1kHz)
Dynamic Range	50dB
Alarm Function	"OVER" is when input is more than upper limit of range. "UNDER" is when input is less than lower limit of range
MAX / MIN Hold	Maximum and Minimum Value

Output impedance	Approx. 100 Ohms
AC Output	1 Vrms at FS (full scale)
FS	means the upper limit of each level range
Electromagnetic Compatibility	RF field = 3V/m Total accuracy = specified accuracy + 0.5dB
Power Supply	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
Battery Life	Approximately 70hours (alkaline battery)
Operation Temp.	0 to 40°C (32 to 104°C)
Operation Humidity	10 to 90%RH
Storage Temperature	-10 to 60°C (14 to 140°C)
Storage Humidity	10 to 75%RH
Dimensions	23.1 cm x 5.3 cm x 3.3 cm
Weight	170g (approx)

ENVIRONMENTAL

Altitude	Up to 2000 meters
Relative humidity	90% max.
Operation	Ambient 0 to 40 °C

ACCESSORIES

- Battery
- Instruction Manual
- Screwdriver
- Wind screen

OPTIONAL