

Digital Sound Level Meter With RS232 Capability Model: 732A



Features:

- 1- RS-232 Interface
- 2- Bargraph
- 3- MAX/MIN function
- 4- Auto Ranging (30 ~ 130dB)
- 5- Resolution 0.1dB
- 6- Level Range Display
- 7- AC/DC Signal Output
- 8- Auto Power Off
- 9- Backlit LCD

Specifications:

Standard applied	IEC 651 Type2, ANSI S1.4 Type2
Frequency range	31.5Hz ~ 8kHz
Measuring level range	30 ~ 130dB
Frequency weighting	A / C
Microphone	1/2 inch electret condenser microphone
Display	LCD
Digital display	4 digits
Analog display	50 segment bargraph
Time weighting	FAST (125mS), SLOW (1 sec.)
Level ranges	Lo: 30 – 80 dB Med: 50 – 100 dB Hi: 80 – 130 dB Auto: 30 – 130 dB
Accuracy	±1.5dB (under reference conditions @ 94dB, 1kHz)
Dynamic range	100 dB (50 dB model 732A)
AC output	1 Vrms at FS (full scale) Output impedance: approx. 100Ω FS: means the upper limit of each level range.
DC output	10mV / dB, output impedance approx. 1kΩ
Power supply	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
Power life	About 50hrs (alkaline battery)
AC adapter	Voltage 9 VDC, center pin negative, (8–15VDC Max) Supply current: > 30mADC Socket: pin → Ground, Casing → Positive, External Diameter → 3.5mm, Internal Diameter → 1.35mm
Electromagnetic Compatibility	RF field = 3V/m Total accuracy = specified accuracy + 0.5dB
Operation temperature	0 to 40°C (32° to 104°F) @ 10 to 90%RH
Dimensions (L × W × H)	10.8 × 2.5 × 1.2" (275 × 64 × 30mm)
Weight	285g (including battery)
Accessories	9V battery, carrying case, Screwdriver, Instruction manual. Windscreen, 3.5φ plug, software & RS-232 cable (optional)