



PRODUCTS

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Sound Level Meter



- Measurement mode of Lp, Leq, LE, Lmax, Lmin, Lx(5-values selectable)
- Wide linearity range of 100dB
- With RS-232C interface
- Memory up to 850 data
- Large display with back-light
- Advanced functions in compact body with economy cost



Model	6226	6224
Type	Integrating sound level meter	Integrating precision sound level meter
Applicable standards	Sound level meter JIS 1502 IEC 651・804 Type 2	Precision sound level meter JIS 1505 IEC 651・804 Type 1
Measurement range	28 ~ 130dB (A) 33 ~ 130dB (C)	22 ~ 130dB (A) 32 ~ 130dB (C)
JIS	38 ~ 130dB (F)	38 ~ 130dB (F)
Measurement frequency range	20Hz ~ 8kHz	20Hz ~ 12.5kHz
Microphone	7052N 1/2・Electret prepolarized microphone	7146N 1/2・Electrets prepolarized microphone
Level range control	10dB 6steps	
Linearity range	100dB	
Response	FAST、SLOW、IMPULSE	
Frequency weighting	A、C、FLAT	
Measurement parameters	Lp: Sound pressure level Leq: Equivalent continuous A-weighting sound pressure level LE: Sound exposure level Lmax: Maximum sound level Lmin: Minimum sound level Lx: Percentile level (5 values of free select)	
Response time for constant input signal	1s,3s,5s,10s,1min,5min,10min,30min,1h,8h,24h,Manual(Max.199h59m59s)	
Sampling time	20.8 μ s(Leq) 10ms(Lmax、Lmin)	
Lx sampling time	100ms	
Display	Liquid crystal and back light	
Digital	Digits: 4, Display period: 1s	

Bar warning	Display period: 0.1s	
Warning	Over: +10dB from upper limited scale Under: -0.6dB from lower limited scale	
Battery	4-steps display	
Memory	Memorize the sound pressure level or operation level	
Date	Built-in (year/month/day/hour:minute:second)	
Pause	Pause/Data clear	
Calibration	Electric calibration with internal oscillator (1kHz SINE wave)	
AC output	1Vrms for full scale Output impedance: 600Ω, resistance: more than 10kΩ	
DC output	2.5V for full scale, 0.25V/10dB Output impedance: 50Ω, resistance: more than 10kΩ	
I/O Terminal	Interface: RS-232C, Data: 8bits, Stop: 2bits, Parity: not, Baud rate: 4800, 9600, 19200bps (direct output to printer, control and output data to computer)	
Battery type	Four 1.5V Alkaline cells IEC type LR6, Optional AC adapter	
Life time	Alkaline dry cell: Approx. 24hours (Magnesium dry cell: 11hour) When switch ON a back light: Approx. 1/3	
Ambient condition	-10~+50 30 ~ 90%RH (not dew condensation)	
Dimensions	85W×284H×48D	85W×310H×48D
Weight	Approx. 370g	