

Convenient measurement of sound levels from electrical equipment and machinery

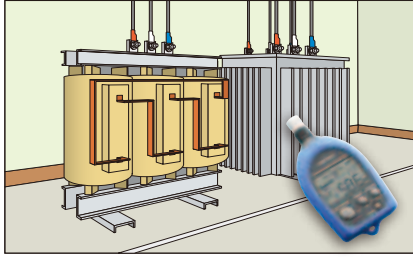


Highlights

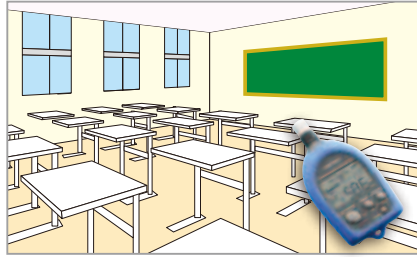
- 1** IEC 61672-1: 2013 Class 2 and CE Mark compliant
- 2** Simple operation — no range switching needed
- 3** Compact, lightweight design for easy one-handed operation
- 4** Analog output

Applications

- 1** Measurement of sound levels generated by high-voltage electrical transformers



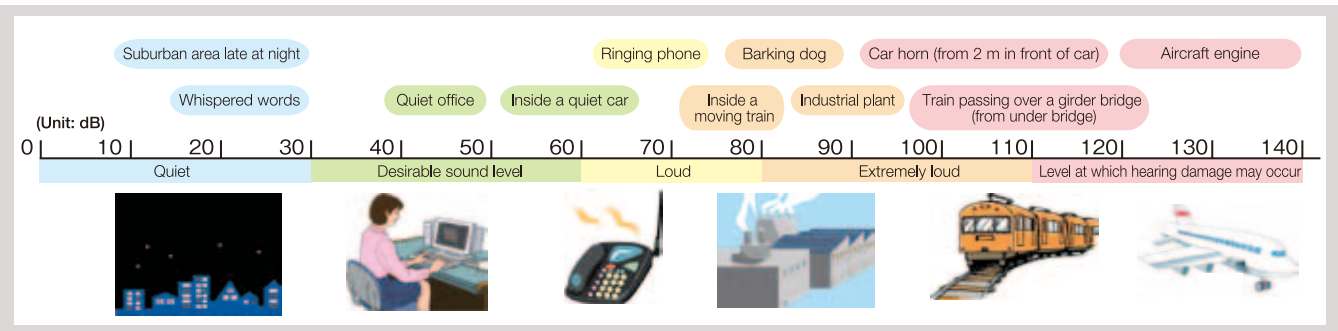
- 2** Measurement of lecture room noise



- 3** FFT analysis when connected to a Memory HiCorder



Sound levels in everyday life



Specifications

(Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Applicable standards	IEC 61672-1: 2013 Class 2, JIS C 1509-1: 2005 Class 2, JIS C 1516: 2014 Class 2
Measurement functions	Sound level, Equivalent continuous sound level, Sound exposure level, Maximum sound level, C weighting peak sound level (measurement possible only when peak range is selected)
Measurement times	1/5/10 minutes, or 1 hour
Microphone	1/2-inch electret condenser microphone
Frequency weighting characteristics	A weighting, or C weighting
Measurement level range	[Wide range] A weighting: 30 dB to 137 dB, C weighting: 36 dB to 137 dB [Peak range] A weighting: 65 dB to 137 dB, C weighting: 65 dB to 137 dB
Frequency range	20 Hz to 8000 Hz
Time weighting characteristics	F (fast) and S (slow)
Calibration	Electronic calibration: Using an internal electronic signal (1 kHz, 94.0 dB) Sound calibration: Using NC-74 (1 kHz, 93.9 dB), NC-72A (250 Hz, 114.0 dB)
Processing	Digital sampling interval 30.3 μs (Lp, Leq, Lmax, LE, LCpeak)
Functions	Storing processing results (Storing capacity : 199 pieces of data), Warning indications, Bar graph
Output connector	DC output connector / AC monitor output connector
Power supply	LR03 (AAA) alkaline battery ×2, Continuous use 9 hr at wide range, R03 (AAA) manganese battery ×2, Continuous use 3 hr at wide range, Consumption: 80 mA
Environmental conditions for operation	-10 to 50°C (14°F to 122°F), 10 to 90% RH (No condensation)
Dimensions and mass	63 W × 120 H × 23.5 D mm (2.48" W × 4.72" H × 0.93"D), 105 g (3.7 oz.) (including batteries)
Accessories	Wind screen WS-14 ×1, Hand strap VM-63-017 ×1, Windscreen fall out prevention rubber NL-27-014 ×1, Silicon cover NL-27-089 ×1, Carrying Case 9757 ×1, LR03 (AAA) alkaline batteries ×2, Instruction manual ×1

Model: SOUND LEVEL METER FT3432

Model No. (Order Code)
FT3432



Wind screen WS-14
(Bundled)

Hand strap VM-63-017
(Bundled)

Options



AC MONITOR OUTPUT CABLE
CC-98A

DC OUTPUT CABLE
CC-98D



SOUND LEVEL METER TRIPOD
ST-80

TRIPOD EXTENSION ROD
ST-80-100



Accessory
CARRYING CASE 9757

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HIOKI

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