

SOUND LEVEL METER FT3432

Environmental measuring instruments



Convenient measurement of sound levels from electrical equipment and machinery



Highlights

- 1 IEC 61672-1 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



ISO 9001
JMI-0216



ISO 14001
JQA-E-90091



www.hioki.com

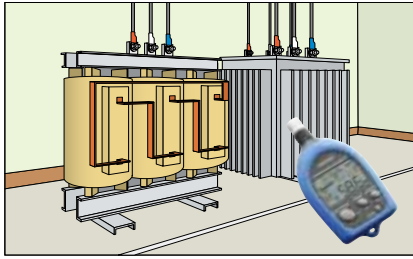
HIOKI company overview, new products, environmental considerations and other information are available on our website.



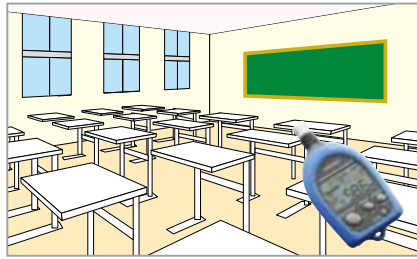
Guaranteed for 3 years

Applications

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



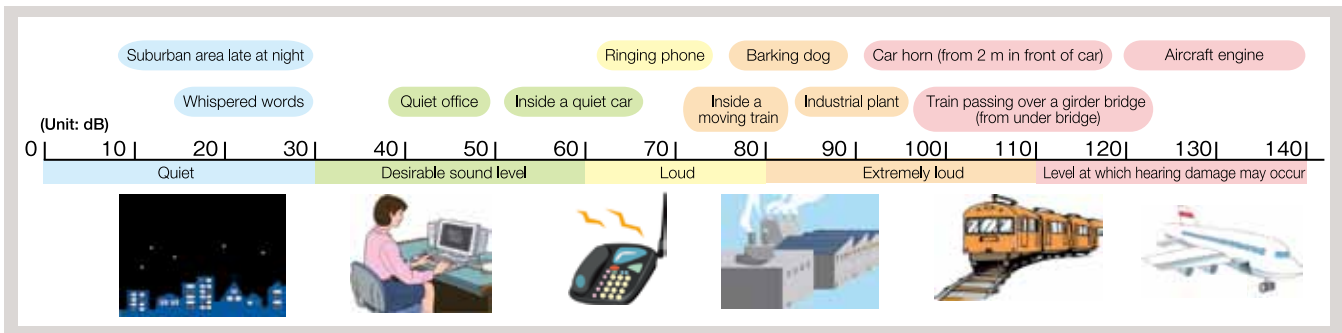
- 2** Measurement of lecture room noise



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



Sound levels in everyday life



Specifications

Applicable standards	IEC 61672-1:2002 Class2, JIS C 1509-1:2005 Class2
Measurement functions	Sound level (Lp), Equivalent continuous sound level (Leq), Sound exposure level (LE), Maximum sound level(Lmax), Cweighting peak sound level (LCpeak) (measurement possible only when peak range is selected)
Measurement times	1/5/10minutes, or 1hour
Microphone	1/2-inch electret condenser microphone Model:UC-52
Frequency weighting characteristics	A and C
Measurement level range	Wide range A weighting : 30 dB to 130 dB C weighting : 36 dB to 130 dB
Inherent noise level	Wide range A weighting : 24 dB or less C weighting : 30 dB or less
Measurement frequency range	20 Hz to 8000 Hz
Time weighting characteristics	F (fast) and S (slow)

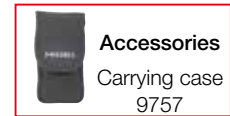
Calibration	Electronic calibration using an internal electronic signal, sound calibration using NC-74
Processing	Digital sampling interval 30.3 s (Lp, Leq, Lmax, LE, LCpeak)
Functions	Storing processing results (Storing capacity : 199 pieces of data), Warning indications, Bar graph
Output connector	DC output connector / AC monitor output connector
Power supply	LR03 alkaline batteryx2 or R03 manganese batteryx2
Continuous usage	Approx.9 hours (using alkaline batteries) Approx.3 hours (using manganese batteries)
Environmental conditions for operation	-10 to 50°C (14°F to 122°F), 10 to 90% RH (No condensation)
Dimensions and mass	63W×120H×23.5Dmm (2.48" W×4.72" H×0.93"D), 105g (3.7oz.) (including batteries)
Accessories	Wind screen WS-14, Hand strap VM-63-017, Windscreen fall out prevention rubber NL-27-014, Silicon cover NL-27-026, Carrying case 9757, LR03 alkaline batteriesx2, Instruction manual

Options

AC monitor output cable CC-98A
DC output cable CC-98D



Tripod ST-80
Extension Rod ST-80-100



Note: Company names and Product names appearing in this catalog are trademarks or registered trademarks of various companies.

HIOKI

HIOKI E. E. CORPORATION

HEADQUARTERS:

81 Koizumi, Ueda, Nagano, 386-1192, Japan
TEL +81-268-28-0562 FAX +81-268-28-0568
http://www.hioki.com / E-mail: os-com@hioki.co.jp

HIOKI USA CORPORATION:

TEL +1-609-409-9109 FAX +1-609-409-9108
http://www.hiokiusa.com / E-mail: hioki@hiokiusa.com

HIOKI (Shanghai) SALES & TRADING CO., LTD.:
TEL +86-21-63910090 FAX +86-21-63910360
http://www.hioki.cn / E-mail: info@hioki.com.cn

HIOKI INDIA PRIVATE LIMITED:
TEL +91-124-6590210 FAX +91-124-6460113
E-mail: hioki@hioki.in

HIOKI SINGAPORE PTE. LTD.:
TEL +65-6634-7677 FAX +65-6634-7477
E-mail: info@hioki.com.sg

HIOKI KOREA CO., LTD.:
TEL +82-42-936-1281 FAX +82-42-936-1284
E-mail: info-kr@hioki.co.jp

DISTRIBUTED BY