Sound Level Meter, Class 2

GNV-101

Features:

- Meets IEC 61672-1 Class 2 requirements
- Records up to 64,000 data points
- Recorded data exportable to EXCEL via a USB interface
- Fast and slow time weighting
- 60 dB dynamic range
- A and C frequency weighting
- AC and DC outputs available from standard 3.5 mm coaxial socket for use with a frequency analyzer, level recorder, FFT analyzer, etc..
- Min/max function
- Battery capacity indicator
- Analog bar graph and digital display
- Tripod mount for long term monitoring
- Manual and auto range functionality
- Includes windscreen, battery and hard carrying case

Applications:

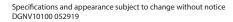- OSHA compliance
- Noise ordinance checks
- General purpose noise surveys
- Commercial construction
- R&D Labs
- Education

Description:

The Global Specialties GNV-101 Sound Level Meter is a portable sound level meter used to capture the dB level of one's surrounding environment. The meter meets the IEC Class 2 requirements, which makes it ideal for sound hazard measurements. The hand held design also comes with a tripod mount for the option of hands free use. Fast time sampling of one measurement every 125 ms combined with the wide dynamic range of 60 dB provides high detail output from the crisp LCD display.
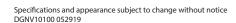
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Specifications:

Safety Standard Applied	IEC 61672-1 Class 2
Operating Limits and Functions	
Measuring Level Ranges	Low: 30 to 90 dB
	Med: 50 to 110 dB
	High: 70 to 130 dB
	Auto: 30 to 130 db
Sample Rate	Fast 125 ms
	Slow 1000 ms
Accuracy	± 1.4 dB @ 94 dB, 1 kHz
Dynamic Range	60 dB
Frequency Range	20 Hz to 8 kHz
Frequency Weighting	A / C
Microphone	1/2 Inch electret condenser
Data Logging Capacity	64,000 records
Displays	
Digital Display	4 Digit display
	Resolution: 0.1 dB
	Display Update: 0.5 sec
Analog Display	30 Segment bar graph
	Resolution: 2 dB
	Display Update: 100 ms
Alarm Functions	OVER and UNDER alarm functions indicating when sound level is outside the set range
Electrical Specifications	
AC Ouput	1 Vrms at full scale
DC Output	10 mV/dB
Power Supply	4 AAA batteries: NEDA 24A, IEC LR03
Battery Life	Approx. 24 hours
External Power Supply	5 VDC (micro USB plug)
Environmental Specifications	
Operating Temperature	0 to 40 °C (32 to 104 °F)
Operating Humidity	10 to 90% Relative humidity
Storage Temperature	-10 to 60 °C (14 to 140 °F)
Storage Humidity	10 to 75% Relative humidity
Altitude	Up to elev. of 2000 meters (~6,500 ft.)
Mechanical Specifications	
Dimensions	264 x 63 x 29 mm (10.4 x 2.5 x 1.1")
Weight	Approx. 245g (8.6 oz)
Included Accessories	4 AAA batteries, User manual, windscreen, carrying case, USB cable

Contact Info:

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