XProTec

Sound Level Meter

- 30 to 130 dB Measurement Range
- Meets ANSI S1.4 Type 2 and IEC651 Type 2 Standards
- LCD Display with Backlight
- Max Hold and Data Hold Functions
- Two Equivalent-Weighted Sound Pressure Levels; A and C

The XProTec™ line from XFTP is a comprehensive lineup of professional-grade technical tools. These full-featured, field-proven, and easy-to-use tools meet the highest quality standards in the industry, and feature the dependability you expect for complete installation solutions.

Overview

The XProTec™ Sound Level Meter is the perfect tool to ensure compliance with commercial, industrial, and residential sound level requirements when installing a quality audio system.

The meter is a full-function, type 2 sound meter designed for testing OSHA requirements and most other sound level applications. With a wide dynamic range from 30 to 130 dB, it is designed to meet the requirements of safety engineers; health, industrial, and safety offices; and sound quality requirements in various environments.

The Sound Level Meter offers multiple decibel frequency weighting scales (A and C) to respond to the human frequency range or for machine monitoring purposes. The sound level meter features max hold and data hold functions; supplies fast and slow time-constant setting; and is shipped with a carrying case.

Specifications

Measurement Standard	ANSI S1.4 type 2, IEC651 type 2	**Operational Temperature**	0˚ to 40˚ C (32˚ to 104˚ F)
Frequency Range	31.5 Hz to 8 kHz	**Operational Humidity**	10 to 90% relative humidity
Measurement Level Range	30 to 130 dB (±2 dB)	**Storage Temperature**	-10˚ to +60˚ C (14˚ to 140˚ F)
Frequency Weighting	A/C	**Storage Humidity**	10 to 75% relative humidity
Accuracy	±1.5 dB (under reference conditions)	**Digital Display**	4 digits with resolution of 0.1 dB
Time Weighting	FAST (125 mS), SLOW (1 second)	**Alarm Function**	"OVER" is displayed when measured level is out of range
Level Ranges	Lo = 30 to 100 dB, Hi = 60 to 130 dB	**Maximum Hold**	Holds the maximum value readings with decay <1 dB per 3 minutes
Microphone	½" electret condenser	**Auto Power Off**	Meter automatically shuts down after 15 minutes of inactivity
Calibration	Factory calibrated		
Power	9 Volt battery, 006P, IEC 6F22, or NEDA 1604	**Weight**	0.51 lb (230 g)
Battery Life	Approximately 50 hours	**Dimensions** (H x W x D)	8.27" x 2.17" x 1.26" (210mm x 55mm x 32mm)

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