

# SLM700

## Sound Level Meter

# AUDAC

### ► Features

- IEC61672-1 and ANSI S1.4 compliant
- 31.5 to 8 kHz Frequency range
- A and C scale
- Fast and slow mode
- Minimum / Maximum
- Total measurement range from 30 to 130dB
- 0.1 dB resolution
- 4 Range selections (Auto Ranging)
- Analog AC and DC 3.5mm output jack

### ► Applications

- Noise control
- Quality control
- Health care
- Environmental noise testing



The AUDAC SLM700 is a stable, safe and reliable Sound Level Meter which is designed for all kind of sound level measurements.

It is compliant to the IEC 61672-1 Class 2 (International Electrotechnical Commission) and ANSI S1.4 Type 2 (American National Standards Institute) standards for sound level meters.

It can be switched between two different weighting frequency filters (A and C type) and has a fast (peak value, 125 msec) and slow (average value, 1sec) operation mode. Other functions like a hold button and a mode for Minimum/Maximum sound level measurements are also present.

The total measurement range is adjustable in four steps between 30 dB and 130 dB, and can be set manually or by auto ranging.

There are also two 3.5mm AC and DC output jacks, a calibration potentiometer and a 6V DC power connector present.

Every sound pressure meter needs to be calibrated regularly, to ensure that every measurement remains reliable.

The AUDAC's SLC336 Sound Level Calibrator is the perfect companion for this job.

The SLM700 is supplied with:

- Microphone windshield
- Carrying case
- 4 x 1.5 V (AA) battery
- Instruction manual

### ► Specifications

SYSTEM SPECIFICATIONS	
Power supply	4 x 1.5 V (AA) Battery
Battery life	Typical 20 Hours continuous
Frequency range	31.5 Hz - 8 KHz
Safety / Compliances	IEC651 Type 2 EN61326: 1997+A1:1998+A2:2001 +A3:2003 IEC61672-1: 2002 Class 2 IEC60641: 1979 Type 2 ANSI S1.4: 1983 Type 2
Scales (A weighting and C weighting)	30 dB - 80 dB 50 dB - 100 dB 60 dB - 110 dB 80 dB - 130 dB
AC Output	0.707 V rms / 600 Ohm each scale
DC Output	10 mV / dB / 100 Ohm
Display resolution	3 1/2 Digits
Analog Bar Graph	30 ~130 dB / Resolution 1 dB
Resolution	0.1 dB
Measurement speed	Slow: 1 sec Fast: 125 msec
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	273 x 69 x 39 mm
Weight net	330 g
Construction	ABS
Microphone type	1/2" electret condenser
Colour	Blue & Grey
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	386 g - Cbm
Accessories included	Windscreen 4 x 1.5 V (AA) Battery Instruction manual Carrying case
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our product	