11/2025 • We reserve the right to make technical changes.

Sound Level Meter MA 86193 with ALMEMO® cable for measured value recording



- Digital Sound level meter
- Measuring level range: 35 to 130 dB
- Frequency weighting A or C
- Output maximum measured level
- Analog output for connection to all ALMEMO® measurement devices for recording

Technical Data

Standard applied:	IEC61672-1: 2013 Class 2, ANSI S1.4: 1983 Type 2
Microphone:	Electret condenser microphone 12 mm
Frequency range:	31.5 Hz ... 8 KHz
Measuring range:	low: 35 ... 100 dB high: 65 ... 130 dB
Dynamic range:	65 dB
Frequency weighting:	A or C
Time weighting:	fast (125 ms) slow (1 s)
Accuracy:	± 2.0 dB (under reference conditions, 1000 Hz 94 dB)
Digital display:	LCD, 4 digits, resolution 0.1 dB
Display period:	0.5 sec.
Display functions:	Max Hold function alarm function „OVER“ (when input is out of range)
Calibration:	electrical calibration with internal oscillator > (1000 Hz sine wave, 94 dB)
Output:	
AC:	0.65 Vrms at FS (full scale) (output impedance approx. 600 Ω)
DC:	10 mV/ dB (output impedance approx. 100 Ω)
Connection:	3.5 mm Jack and plug with 2 m ALMEMO® cable
Power supply:	one 9 V battery
Power life:	approx. 50 hrs (alkaline cell)
Operating temperature:	0 to 40 °C
Operating humidity:	< 80 % r.H., non-condensing
Sea level:	up to 2000 m
Storage:	-10 to 60 °C, < 70 % r.H., non-condensing
Dimensions:	240 (L) x 68 (W) x 25 (H) mm
Mounting:	Threaded for tripod mounting (not included)
Weight:	210 g (including battery)

Types	Order no.
Sound Level Meter inclusive 9 V battery and 2 m ALMEMO® cable, windscreen, screwdriver, carrying case, instruction manual	**MA86193**