

Sound level meter SDA



TECHNICAL FEATURES

Microphone

Microphone..... prepolarised electret condenser.
Nominal sensitivity..... 20 mV/Pa .

Sound level meter

Standards..... IEC 61672-1 Class 2 /
IEC 61651 Class 2 / IEC 60804 Class 2
Measured parameters..... L_A
Other displayed parameters..... L_{AFmax} , L_{AFmin} , L_{ASmax} , L_{ASmin}
Frequency weighting..... A
Measuring range..... 30-130 dB
Time weighting..... slow, fast
Overload indicator..... detected at the peak sound-pressure level
Backlighted display..... graphic 128x64 pixels.
Adjustable contrast.
Resolution..... 0,1 dB
Reference direction..... microphone axis
Reference range..... 30 - 130 dB
Reference level..... 94 dB
Reference frequency..... 1000 Hz

Environmental effects

Storage relative humidity..... 95 % RH max.
Storage temperature..... from 0 °C to + 50 °C.
Operating temperature..... from -10 °C to + 50 °C.
Humidity dependence..... in accordance with standard between 30
and 90%RH, reference being at 65%HR
and 40°C.
Static pressure dependence..... According to class 2 requirements
Standards..... IEC 61672-1 / IEC 61651 / IEC 60804
Electromagnetical compatibility..... As per 89/336/CEE guideline

Power supply

Batteries..... 3 AAA or rechargeable batteries
(Rq: rechargeable batteries must not be recharged inside
the instrument)
Battery life (at 20°C)..... 30 hours min (with alkaline batteries)

Output



DO NOT PLUG USB cable. The output is **not USB**
compatible, the plug is maintenance- and optional
accessory-specific.



*Supplied with wind screen

DESCRIPTION

The sound level meter **SDA** is reliable, easy to use and in accordance with metrology requirements. SDA can measures :

- Sound-pressure level

Sound-pressure level L_A

as per two weighting times **FAST** or **SLOW**

To be used for stable or slightly fluctuating sound sources.
Sound-pressure level (L_A) unit is **dBA** and L_{Amax} and
 L_{Amin} values are saved.

- NTang – SDA – 19/02/15 – We reserve the right to modify the characteristics of our products without notice.