

PQC for Sound level meter (Noisemeter)

I. Technical Specification:

1. Display	: LCD with bargraph
2. Microphone	: 10mm (0.5") Electret condensor
3. Measurement Bandwidth	: 300Hz to 8KHz
4. Measurement Range	: 40 to 130dB (A wtg), 45 to 130dB (C wtg)
5. Frequency weighting	: 'A' and 'C' (selectable)
6. Accuracy / Resolution	: ± 2 dB @1kHz (under reference conditions) / 0.1dB
7. Response time Fast	: 125 milliseconds / Slow: 1 second
8. Calibration source	: 1KHz sine wave @ 94 or 114dB
9. AC output	: 0.707Vrms full scale
10. Power	: 4 AAA Batteries
11. Battery life	: 30 hours (low battery indicator alerts user)
12. Automatic power off	: After approx. 20 minutes
13. Operating temperature	: 0 to 50°C (32 to 122°F)
14. Operating humidity	: 10 to 90% RH
15. Storage temperature	: 20 to 60°C (-4 to 140°F)
16. Dimensions/weight	: 230 x 57 x 44mm (9 x 2.3 x 1.7") / 172g
17. Make	: EXTECH