



This Sound Level Meter has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and sound quality control in various environments.

- Ranges from 40dB to 130dB at frequencies between 31.5Hz and 8 KHz.
- Display with 0.1dB steps on a 4-digits LCD
- With one equivalent weighted sound pressure level A



## DT-85A

### SOUND LEVEL METER

- | Hand Held, easy to use instrument
- | Auto Backlit display
- | Measurement in A weighting
- | Max/Min values recording
- | Tripod nut is provided so that user can connect to the Tripod and do continuous hands free measurement at a fixed place

# DT-85A

## Sound Level Meter



### General Specifications

Frequency range	31.5Hz~8KHz
Measuring level range	40~130dB
Frequency weighting	A
Microphone	1/2 inch electret condenser microphone
Display	LCD
Digital display	4 digits
Resolution	0.1dB
Display Up data	0.5 sec.
Time weighting	FAST (125mS)
Accuracy	± 3.5dB @1kHz, 94dB (under reference conditions)
Alarm function	"OVER" is show when input is out of range (>130dB)
Auto power off	Meter automatically shuts down after approx. 15 minutes of inactivity.
Power supply	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
Operation temperature	0 to 40°C (32 to 104°F)
Operation humidity	10 to 90%RH
Storage temperature	-10 to 60°C (14 to 140°F)
Storage humidity	10 to 75%RH
Dimensions	210(L) x 55(W) x 32(H) mm
Weight	135g (including battery)

### Environment conditions

1. Altitude up to 2000 meters
2. Relatively humidity 90% max.
3. Operation Ambient 0~40°C

### Accessories

Battery, Carrying Case, Instruction Manual, Test Certificate.



## AAYUSH ELECTRICALS & INSTRUMENTATION

ISO 9001-2015 CERTIFIED COMPANY

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