



## 1. TECHNICAL SPECIFICATIONS

Accuracy is referred to 23°C±5°C ; <80%RH

### SOUND PRESSURE LEVEL (SPL)

| Range      | Dynamic range | Resolution | Accuracy | Frequency Weighting | Frequency range |
|------------|---------------|------------|----------|---------------------|-----------------|
| 30 ÷ 80dB  | 50dB          | 0.1dB      | ±1.5dB   | A, C                | 31.5Hz ÷8kHz    |
| 50 ÷ 100dB |               |            |          |                     |                 |
| 80 ÷ 130dB |               |            |          |                     |                 |

### TIME INTEGRATION

| Function | Integration time |
|----------|------------------|
| FAST     | 125ms            |
| SLOW     | 1sec             |

### ANALOGICAL OUTPUT

| Output | Output voltage              | Output impedance |
|--------|-----------------------------|------------------|
| AC     | 1Vrms respect selected F.S. | 50Ω              |
| DC     | 10mV/dB                     | 100Ω             |

### MICROPHONE

- ½ inches Electret condenser

## 2. GENERAL SPECIFICATIONS

### Power supply:

- 9V alkaline battery type NEDA1604, JIS006P, IEC6F22
- Battery life: about 30 hours
- Low battery indication
- External DC adapter: 9VDC output voltage  
>30mADC output current

### Display:

- LCD, 3½ digits
- Display update: 0.5s

### Working temperature & humidity:

- 5°C to 40°C ; <80%RH

### Storage temperature & humidity:

- -10°C to 60°C ; <80%HR

### Mechanical specification:

- Size: 280(L) x 80(W) x 32(H)mm
- Weight (with battery): about 300g

### Reference standards:

- Safety: EN61010-1, Class 2 (double insulation)
- IEC 651 Type 2, ANSI S1.4 Type 2