

## DIGITAL SOUND LEVEL METER B-401

- **35 – 135 dB**
- **COLOR DISPLAY**
- **TEMPERATURE**

**ACCURATE**

**HIGH QUALITY**

**RELIABLE**

**DURABLE**

**EASY TO READ**

**STURDY**

**SAFETY**

**CE COMPLIANT**

**RoHS COMPLIANT**



**35 dB –  
135 dB**

**TEMP.**

**POCKET  
SIZE**

**RAPID  
RESPONSE  
TIME**

**MAX/MIN**

**HOLD**

**OVER RANGE  
INDICATION**

**AUTO  
POWER OFF**

### INTRODUCTION

The Beetech Sound Meter as the name suggests is used to measure the intensity of sound level between the range of 35dB to 135dB

This Sound meter is reliable and high in accuracy. It has a quick response time. It offers overload indication and Low Battery Indication.

It comes along with 1 Year Warranty against manufacturing defect. Each instrument is completely checked, tested and then provided to the user.

### FEATURES

- Measuring Range 35 ~ 135dB
- A Frequency weighting
- Fast Time Response Weighting
- Temperature Measurement °C / °F
- Color LCD display with backlight
- Over Range Indication
- Low Battery Indication
- Max / Min / Data Hold
- Enable / Disable Auto Power Off

### APPLICATION

Beetech B-401 is widely used in/by:

- Hospitals
- Government regulatory bodies
- Traffic Department
- Industrial plants
- Educational Institutions
- Residential Areas
- Zoo & National Parks
- Old Age Homes
- Personal Monitoring
- Construction work

## SPECIFICATIONS

Measuring Range	35dB ~ 135dB
Accuracy	± 2.0 dB
Frequency Range	31.5Hz ~ 8KHz
Frequency Weighting	A frequency weighting dBA
Dynamic Range	50 dB
Time Weighting	Fast: 125m/s / Slow: 1s
Temperature Range	-20°C ~ 70°C / -4°F ~ 158°F
Temperature Accuracy	± 1.5°C / 2.7°F
Temperature Resolution	0.1
Data update	300ms
Microphone	½ inch electrets condenser microphone
High / Low reading indication	LCD Display Hi (>100dB) , LCD displays LO (<100dB)
Microphone	½ inch electrets condenser microphone
Operating Conditions	-20 ~ 60°C / -4°F ~ 140°F : 10%RH ~ 90%RH
Storage Conditions	-20 ~ 60°C / -4°F ~ 140°F : 10%RH ~ 75%RH
Power Supply	3*1.5V “AAA” batteries
Battery Life	Approx 60 hours