6. Notice

• Do not store or operate the instrument at high temperature and high humidity environment.
• When not in use for a long period of time, please take out the battery to avoid battery liquid leakage in the instrument.
• When using the instrument outdoors, please mount the background noise absorber on the microphone in order to not pick up undesirable signals.
• Keep microphone dry and avoid severe vibration.

Specifications

Range:	35 - 130dB
Measuring range:	LO: 35dB-80dB Med: 50dB-100dB HI: 80dB-130dB Auto: 35dB-130dB
Frequency range:	31.5HZ-8KHZ
Accuracy:	3dB (under reference condition of 94dB, 1kHz)
Frequency weighting:	A and C
Microphone:	1/2 inch electret condenser microphone
Digital display:	4 digits LCD display with a resolution: 0.1dB
Display Update:	2 times / sec
Auto power off:	Meter automatically shuts down after approx. 10 minutes of inactivity.
Power supply:	One 9V battery
Low battery indication:	The low battery signal "🔋" flash when battery voltage drops below 7.2V; The backlight and low battery signal "🔋" flash twice IE battery voltage drops below 6.5V, then auto power off.
Operation temperature and humidity:	0°C to 40°C, 10%RH to 90%RH
Storage temperature and temperature:	-10°C to +60°C, 10%RH to75%RH
Weight:	184g
Dimensions:	185mm x 54mm x 36mm

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MAJOR TECH

INSTRUCTION MANUAL

MT95

MINI SOUND LEVEL METER

1. Safety Information

Read the following safety information carefully before attempting to operate or service the meter, and please use the meter as specified in this manual.

Environmental conditions
- Altitude below 2000 meters
- Relatively humidity 90% max.
- Operation Ambient 0-40°C

Maintenance & Clearing
- Repairs or servicing not covered in this manual should only be performed by qualified personnel.
- Periodically wipe the case with a dry cloth. Do not use abrasives or solvents on this instruments.

2. General Description

This Mini Sound Level Meter is designed to meet the measurement requirements of Noise engineering, sound quality control, health, industrial safety offices in various environments. Such as factory, school, office and traffic lines.

- MAX/MIN measurement
- Over range indicate
- Low range indicate
- A & C weighting selection
- Bluetooth communication

3. Meter Description

1 - LCD Display
2 - Body of Meter
3 - Microphone
4 - HOLD/☀ button
5 - MAX/MIN button
6 - Power on/off button
7 - UNITS button
8 - Bluetooth button

4. Button Discription

Power on/off, Auto-power off:
Power on: Press "⏻" button to power on, system default auto power off. Hold down the button to power on and disable auto power off function. Hold the button again to enable the auto power off function
Power off: Press "⏻" button to power off.
Auto-power off: Auto-power off signal "↺" displays in the left corner of the LCD and the instrument will auto-power off in 10 minutes of being inactive.
Press the power on/off button for over 1 minute, it will be recognized as faulty operation and the instrument will auto power off.

RANGE/(A/C) button: Press to switch range gear; hold to switch unit.
⊕ button: Hold to activate or deactivate Bluetooth.
HOLD/☀ if button: Press to hold the current data; hold to activate or deactivate backlight
MAX/MIN button: Press to record Maximum, Minimum
Note: MAX/MIN button, range button and A/C button will be deactivated when hold the current readings and the instrument will exit MAX/MIN recording function when switch range gear

5. Display Layout

⊕ : Bluetooth symbol
🔋 : Low battery indicate
↺ : Timing power off symbol
MAX: Maximum hold
MIN: Minimum hold
Two smaller digits at upper left of display: Minimum range
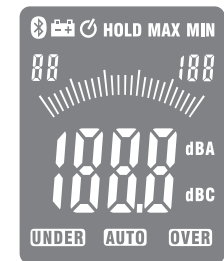**Three smaller digits at upper right of display:** Maximum range
UNDER: under range
OVER: over range
dBA, dBC: A-weighting, C-weighting
AUTO: Auto range selection
HOLD: Data hold function
Four larger digits in middle of display: Measurement data

Measurement Operation
- Turn on the instrument by pressing power on/off button.
- Press button "RANGE" and select suitable measurement range based on no "UNDER" or "OVER" display on LCD.
- Select 'dBA' for general noise sound level and 'dBC' for measuring sound level of acoustic material.
- Hold the instrument in hand or fix it on tripod, take measure at a distance of 1-1.5m between microphone and source.

Data Hold
Press hold button to freeze the readings and "HOLD" symbol displays LCD. Press hold button again to return normal measurement.

MAX/MIN reading
- Press MAX/MIN button for the first time, the instrument will enter Max tracking mode, the tracked max reading will display on the LCD.
- Press MAX/MIN button for the second time, the instrument will enter Min tracking mode, the tracked min reading will display on the LCD.
- Press MAX/MIN button for the third time, the current reading will display on the LCD.

Bluetooth communication
Download "Meterbox Pro" on iOS & Android devices to use bluetooth feature. Hold the Bluetooth button to activate Bluetooth function, it communicates after connecting with the software. The instrument can transmit measured dates and instrument status to software and the software can control the instrument.

Battery Replacement
The instrument will automatically turn off in order to lengthen the battery working life. When symbol 🔋 appears on the LCD. Please replace the old battery with new ones.
- Open the battery compartment with a suitable screwdriver and replace 9V battery.
- Mount the battery compartment again.