

DANOPLUS DP-336C

DANOPLUS DP-336C Wall-Mounted Decibel Meter User Manual

Model: DP-336C

1. INTRODUCTION

The DANOPPLUS DP-336C is a versatile wall-mounted decibel meter designed for accurate sound level monitoring, along with integrated temperature and humidity measurements. Its large 28cm LED display provides clear, real-time readings, making it suitable for various environments such as studios, homes, factories, and theaters. This manual provides essential information for the proper setup, operation, and maintenance of your device.

2. SAFETY INFORMATION

- Read all instructions carefully before use.
- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Use only the provided power adapter.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- DANOPPLUS DP-336C Decibel Meter
- Instruction Manual
- USB Power Cable
- Wall Mounting Screws (2 pcs)

- Wall Drilling Guide Sticker



Figure 3.1: Package Contents. The image displays the DANOPLUS DP-336C decibel meter, its instruction manual, a USB power cable, and two wall mounting screws, illustrating all items included in the product package.

4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your DANOPLUS DP-336C decibel meter.

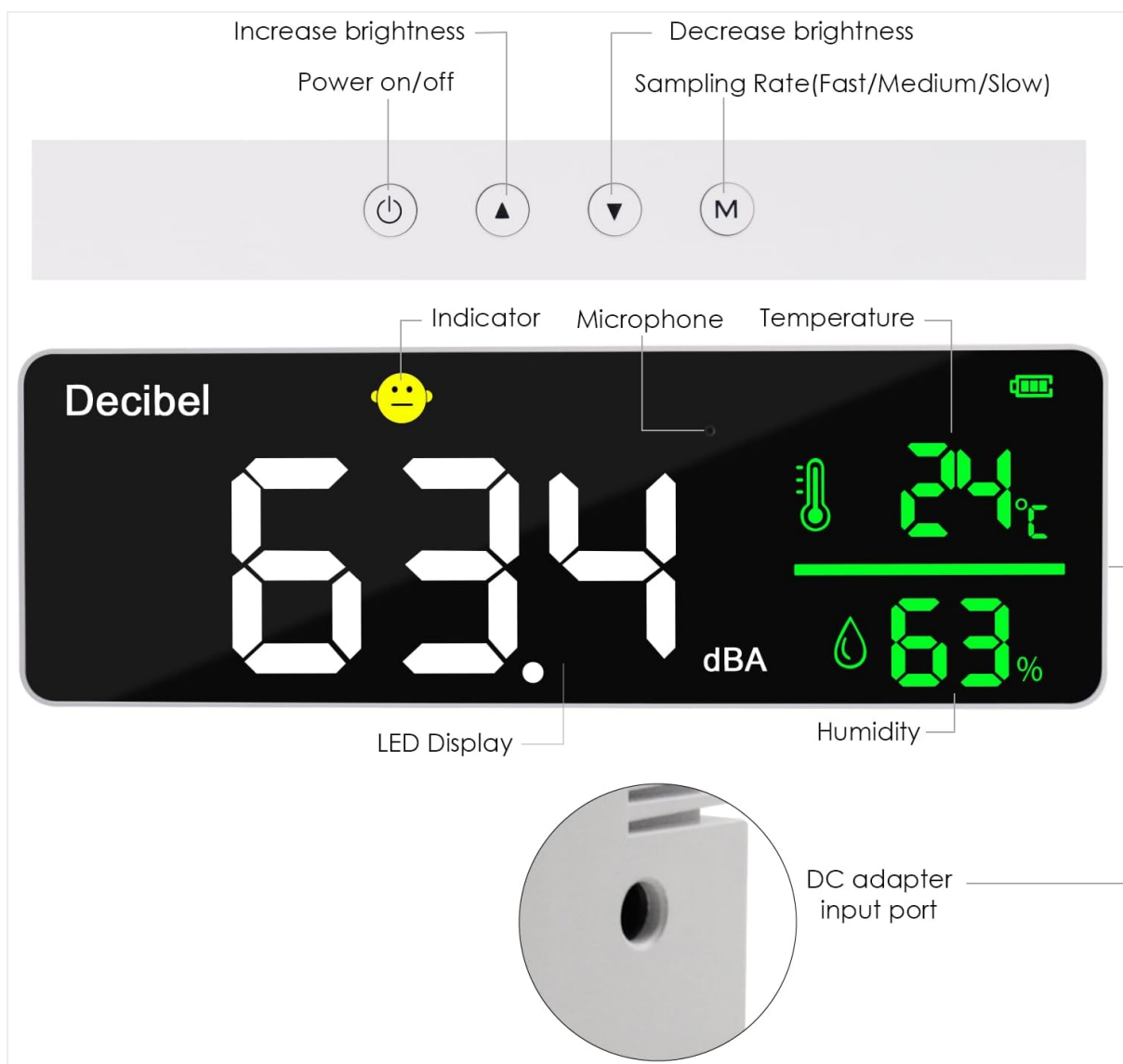


Figure 4.1: Device Components. This diagram labels the key parts of the decibel meter, including the LED display, indicator light, microphone, temperature and humidity sensors, control buttons (Power On/Off, Increase Brightness, Decrease Brightness, Sampling Rate), and the DC adapter input port.

- **LED Display:** Shows decibel levels, temperature, and humidity.
- **Indicator:** Visual feedback for sound levels (smiley icons).
- **Microphone:** Detects sound levels.
- **Temperature Sensor:** Measures ambient temperature.
- **Humidity Sensor:** Measures ambient humidity.
- **Power On/Off Button:** Turns the device on or off.
- **Brightness Control Buttons (Up/Down):** Adjusts display brightness.
- **Sampling Rate Button (M):** Cycles through Fast, Medium, and Slow sampling rates.
- **DC Adapter Input Port:** For connecting the power cable.

5. SETUP

5.1 Powering the Device

The DANOPPLUS DP-336C can be powered via its internal 2000mAh lithium battery or by connecting it to a power source using the provided USB cable and a DC 5V adapter (not included).



2000mAh
Capacity
Lithium battery

Figure 5.1: Power Connection and Battery. This image shows the DC adapter input port being used for power and highlights the internal 2000mAh lithium battery capacity.

1. Connect the USB power cable to the DC adapter input port on the side of the device.
2. Plug the other end of the USB cable into a compatible 5V DC power adapter or USB port.
3. Press the Power On/Off button to turn on the device.

5.2 Wall Mounting

The device is designed for wall mounting to ensure stable and continuous monitoring.

STICKER GUIDE FOR DRILLING WALL



Figure 5.2: Wall Mounting Guide. This image illustrates the use of the drilling guide sticker for precise wall mounting and shows the decibel meter successfully installed on a wall.

1. Choose a suitable location on a wall, away from direct heat sources or strong vibrations, for accurate readings.
2. Use the provided wall drilling guide sticker to mark the positions for drilling.
3. Drill two holes at the marked positions.
4. Insert wall anchors (if necessary, depending on wall material) and then the provided screws, leaving a small portion protruding.
5. Align the mounting holes on the back of the decibel meter with the screws and slide the device down to secure it.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Power On/Off:** Press the power button (labeled with a circle and vertical line) to turn the device on or off.
- **Brightness Adjustment:** Use the "Up" (triangle pointing up) and "Down" (triangle pointing down) buttons to increase or decrease the brightness of the LED display.
- **Sampling Rate:** Press the "M" button to cycle through different sampling rates: Fast, Medium, and

Slow. The sampling rate determines how quickly the device updates its readings.

6.2 Understanding the Display

The large LED display shows multiple parameters simultaneously:



Figure 6.1: Temperature and Humidity Display. This image focuses on the temperature and humidity readings, indicating their respective measurement ranges.

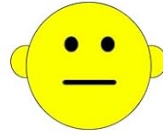
- **Decibel (dBA):** The main large number indicates the current sound pressure level in decibels, A-weighted.
- **Temperature (°C):** Displays the ambient temperature. The operating temperature range is -10°C to 60°C.
- **Humidity (%):** Shows the relative ambient humidity. The operating humidity range is 20% to 85% RH.
- **Battery Indicator:** Located at the top right, shows the current battery level.

6.3 Decibel Level Indicators

The device features visual indicators (emojis) to quickly convey the current sound level status.



Less than
60dB



60dB ~ 75dB



75dB ~ 85dB



More than
85dB

Figure 6.2: Decibel Level Indicators. This image illustrates the visual alarm icons that change based on the detected sound level, providing an immediate understanding of the noise environment.

Decibel Level Indicator Guide

Decibel Range	Indicator	Description
Less than 60dB	Green Happy Face	Quiet environment, comfortable sound level.
60dB ~ 75dB	Yellow Neutral Face	Moderate noise level, generally acceptable.
75dB ~ 85dB	Orange Sad Face	Elevated noise level, prolonged exposure may be uncomfortable.
More than 85dB	Red Angry Face	High noise level, potentially harmful with prolonged exposure.

6.4 Application Scenarios

The DANOPLUS DP-336C is suitable for monitoring noise levels in various settings.

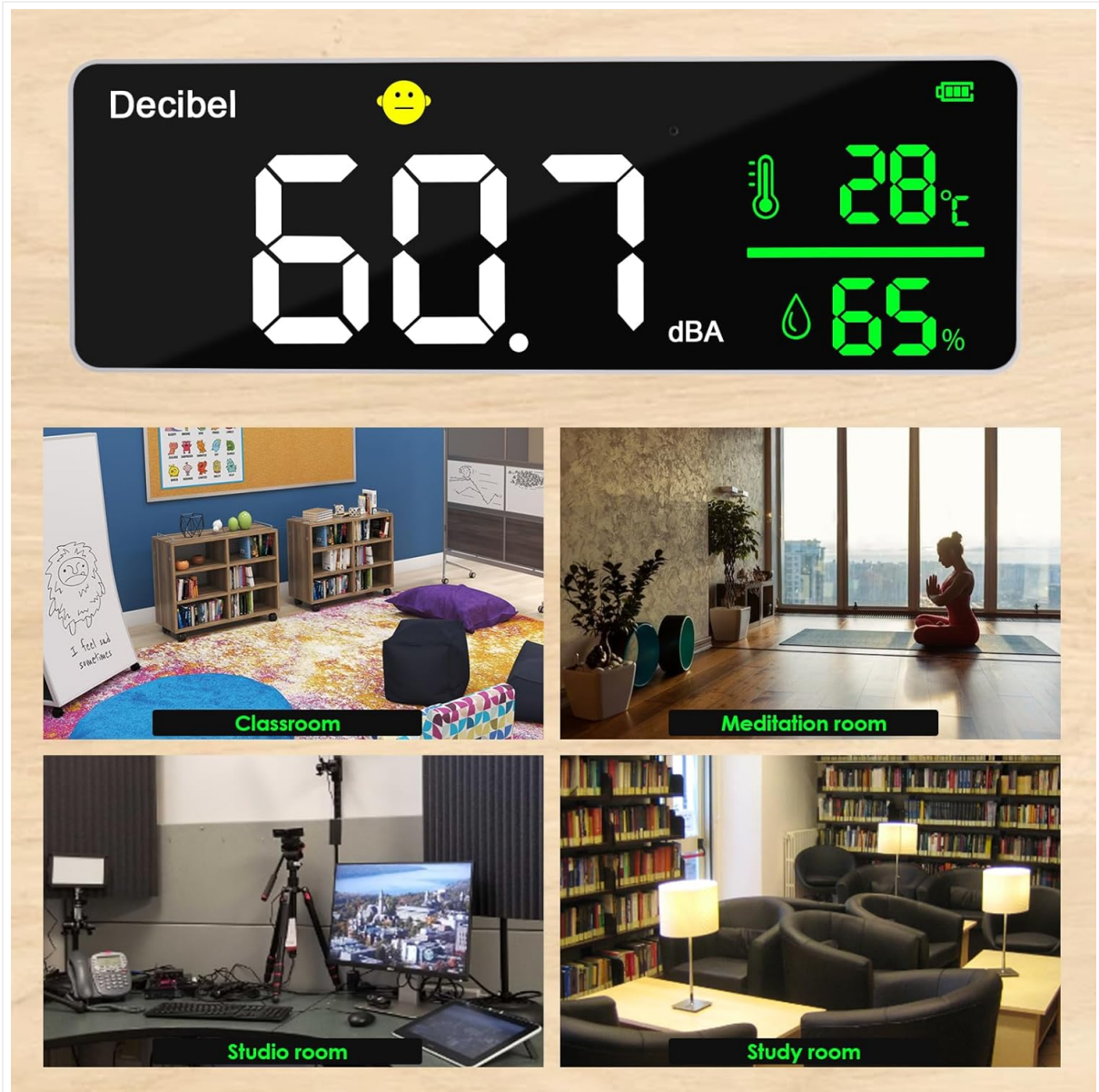


Figure 6.3: Usage Environments. This collage illustrates typical environments where the decibel meter can be effectively used, including classrooms, meditation rooms, studio rooms, and study rooms.

7. SPECIFICATIONS

Technical specifications for the DANOPLUS DP-336C decibel meter.

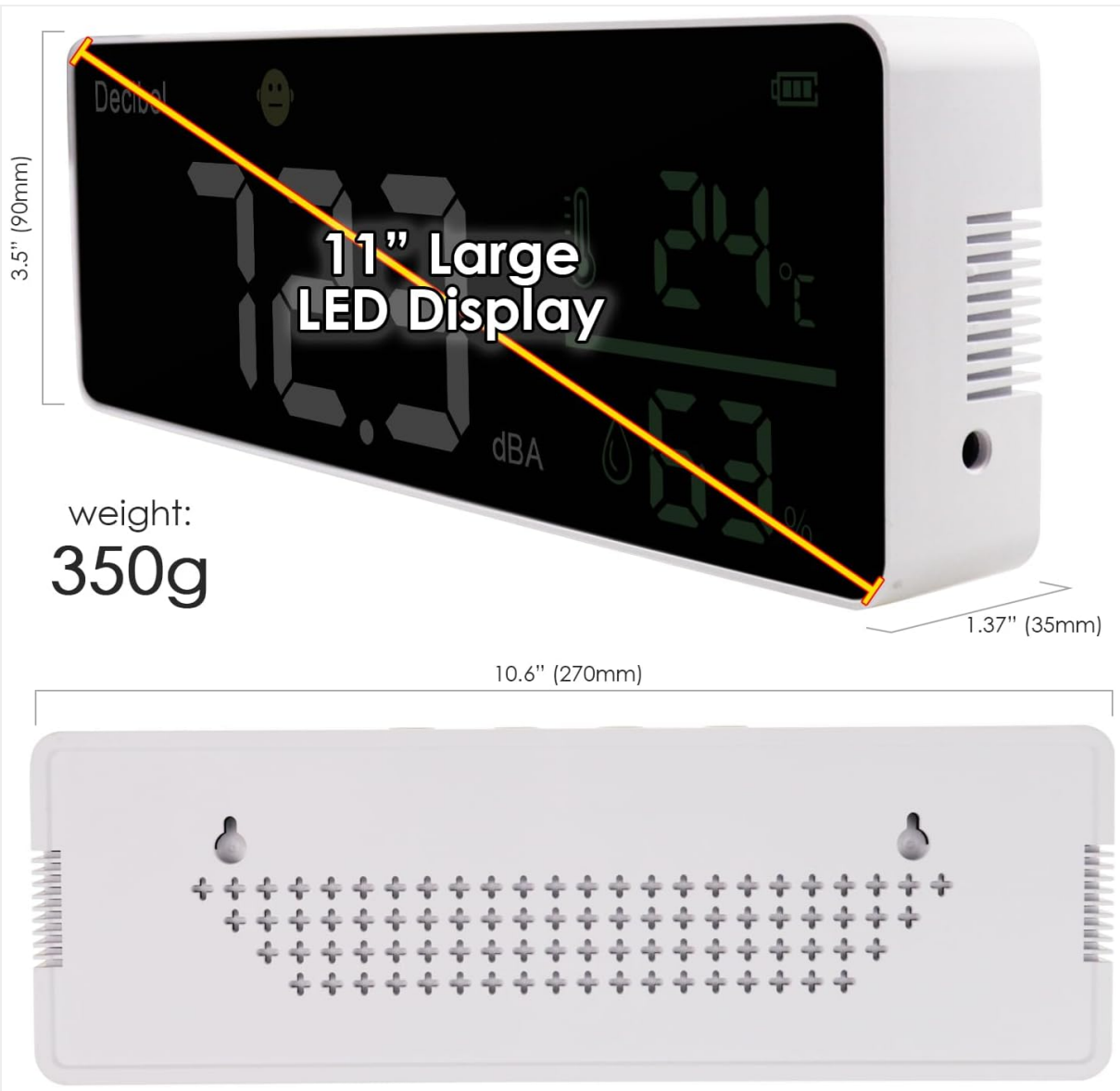


Figure 7.1: Product Dimensions. This image provides a visual representation of the device's physical dimensions and weight.

Feature	Specification
Model	DP-336C
Display	11-inch (28cm) Large LED Display
Functions	Decibel Meter (SPL), Temperature, Humidity
Temperature Range	-10°C to 60°C
Humidity Range	20% to 85% RH
Battery	2000mAh Lithium Battery (Rechargeable)
Power Input	DC 5V (via USB cable)
Dimensions (approx.)	270mm (W) x 90mm (H) x 35mm (D) / 10.6" x 3.5" x 1.37"
Weight (approx.)	350g
Color	Black and White

8. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place.
- **Battery:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly if using battery power.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no power connection.	Connect the device to a power source using the USB cable. Ensure the power adapter is working.
Inaccurate readings.	Device placed in an unsuitable location (e.g., near vents, direct sunlight, or strong vibrations).	Relocate the device to a stable environment, away from interfering factors. Ensure the microphone is not obstructed.
Display is too dim/bright.	Brightness settings need adjustment.	Use the "Up" and "Down" buttons to adjust the display brightness to your preference.

10. WARRANTY AND SUPPORT

DANOPLUS products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official DANOPLUS website. Please retain your proof of purchase for warranty claims.