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## TOTAL Tetsl01

# TOTAL Digital Sound Level Meter Tetsl01 User Manual

Model: Tetsl01

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## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation of your TOTAL Digital Sound Level Meter, model Tetsl01. Please read this manual thoroughly before using the device and keep it for future reference. This device is designed for measuring sound levels in various environments.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to the device:

- Do not attempt to open or modify the device. Internal repairs should only be performed by qualified personnel.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Keep the device away from strong magnetic fields.
- Ensure batteries are inserted correctly according to polarity markings. Remove batteries if the device will not be used for an extended period.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- This device is not waterproof. Avoid contact with liquids.

## 3. PRODUCT COMPONENTS

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Familiarize yourself with the main components of your sound level meter:





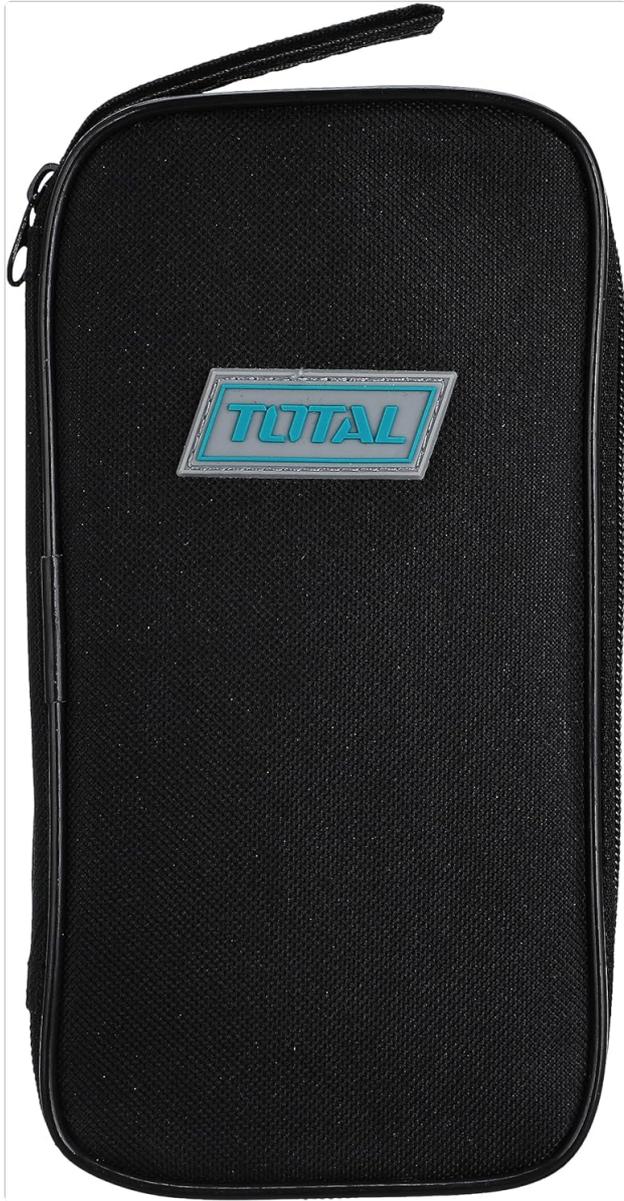
**Figure 3.1: Front View of the Sound Level Meter.** This image displays the front of the TOTAL Digital Sound Level Meter Tetsl01, showing the display screen, microphone with foam windscreen, and control buttons including Power, F/S (Fast/Slow), REC (Record), RAN (Range), and UNIT. The brand "TOTAL" is visible above the screen, and "TETSLO1" is visible below the screen.

Digital Sound Level Meter" is printed below the buttons.



Figure 3.2: Back View of the Sound Level Meter. This

image shows the back of the TOTAL Digital Sound Level Meter Tetsl01. A red battery compartment cover is visible, with a "CAUTION" label and text indicating compliance standards (EN61010-1, EN61326-1) and battery type (DC1.5V x 3 AAA). A CE mark and a crossed-out wheeled bin symbol are also present, along with a serial number "H12B-Q098922".



**Figure 3.3: Carrying Case.** This image features a black zippered carrying case for the TOTAL Digital Sound Level Meter. The case has a rectangular shape with rounded corners and a prominent "TOTAL" logo badge in blue and white on the front.



**Figure 3.4: Device Dimensions.** This image illustrates the approximate dimensions of the TOTAL Digital Sound Level Meter Tetsl01 in relation to a hand. The device measures approximately 4.7 inches (11 cm) in length.

## 4. SETUP

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### 4.1. Battery Installation

1. Locate the battery compartment on the back of the device (refer to Figure 3.2).
2. Carefully slide or unscrew the battery compartment cover to open it.
3. Insert three (3) AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover securely.

### 4.2. Initial Power On

Press the **Power** button (usually marked with an 'I/O' symbol) to turn on the device. The display should illuminate, showing current sound level readings or a standby screen.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Basic Measurement

- Turn on the device using the **Power** button.
- Hold the meter with the microphone pointed towards the sound source.
- The display will show the current sound level in decibels (dB).

### 5.2. Fast/Slow Response Time

Press the **F/S** button to switch between Fast and Slow response times. Fast response is suitable for capturing sudden noise peaks, while Slow response provides an average reading for more stable measurements.

### 5.3. Recording Data (REC)

Press the **REC** button to activate data recording. The device may store minimum and maximum readings or a series of measurements, depending on the model's capabilities. Refer to the on-screen indicators for recording status.

### 5.4. Range Selection (RAN)

Use the **RAN** button to adjust the measurement range. Selecting an appropriate range ensures accuracy. If the reading is outside the current range, an "OVER" or "UNDER" indicator may appear.

## 5.5. Unit Selection (UNIT)

The **UNIT** button allows you to cycle through different measurement units or weighting functions (e.g., dBA, dBC), if supported by the device. dBA is commonly used for environmental noise measurements.

## 6. MAINTENANCE

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### 6.1. Cleaning

Wipe the device exterior with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents, as these can damage the casing or internal components. Ensure the microphone foam windscreen is free of dust and debris for accurate readings.

### 6.2. Storage

When not in use, store the sound level meter in its protective carrying case (refer to Figure 3.3) in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.

### 6.3. Calibration

For professional applications requiring high accuracy, periodic calibration by a certified laboratory is recommended. Consult the manufacturer's website or contact support for calibration services.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with new AAA batteries.
Inaccurate readings.	Microphone obstructed, incorrect range, or device needs calibration.	Ensure microphone is clear. Adjust measurement range. Consider professional calibration.
Display shows "OVER" or "UNDER".	Sound level is outside the current measurement range.	Press the <b>RAN</b> button to select a different measurement range.
Buttons are unresponsive.	Temporary software glitch or low battery.	Turn the device off and on again. Replace batteries.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	TOTAL
Model Number	Tetsl01
Item Weight	5 grams
Product Dimensions	12 x 6.1 x 4.6 cm
Color	Multi-color
Batteries Required	Yes (3 x AAA)

Feature	Detail
First Available Date	April 8, 2021
Compliance	EN61010-1, EN61326-1 (as per device marking)

## 9. WARRANTY & SUPPORT

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### 9.1. Warranty Information

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official TOTAL website. Keep your proof of purchase for warranty claims.

### 9.2. Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact TOTAL customer support. Contact details can typically be found on the product packaging or the official TOTAL website. For online resources and frequently asked questions, visit: [www.totaltools.com](http://www.totaltools.com) (This is a placeholder link, replace with actual support link if available).

