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› TONOR TD510 Dynamic Microphone User Manual

TONOR TD510

TONOR TD510 Dynamic Microphone User Manual

Model: TD510 | Brand: TONOR

INTRODUCTION

The TONOR TD510 Dynamic Microphone is engineered to deliver warm, balanced, and clear vocal performance for a variety of applications, including podcasting, recording, streaming, and gaming. Featuring both USB and XLR outputs, excellent noise suppression, and intuitive controls, this microphone provides a versatile and high-quality audio solution for content creators.

Its premium metal shell ensures durability and a professional aesthetic, while the cardioid pickup pattern focuses on your voice, minimizing ambient noise. The built-in pop filter further enhances sound clarity by reducing plosives.



Image: The TONOR TD510 Dynamic Microphone, showcasing its sleek black design and included USB and XLR cables.

SETUP

Your TONOR TD510 microphone comes with everything needed for quick setup. Please ensure all components are present:

- 1 x Dynamic Microphone
- 1 x Foam Cover
- 1 x XLR Cable
- 1 x USB Cable
- 1 x Manual

USB Mode Connection (Plug and Play)

For direct connection to a computer (PC, Laptop, Mac) or gaming console (PlayStation), use the provided USB cable. This mode offers plug-and-play functionality, requiring no additional drivers.

1. Connect one end of the USB cable to the Type-C USB port on the microphone.
2. Connect the other end of the USB cable to an available USB port on your computer or gaming console.
3. The microphone will be automatically recognized by your system.



Image: The TONOR TD510 microphone connected via USB, illustrating its compatibility with PCs, laptops, and PlayStation consoles for plug-and-play use.

XLR Mode Connection

For professional audio setups, connect the microphone via XLR to an audio interface or mixer. This mode provides analog signals with lower background noise and cleaner sound, enhancing recording quality.

1. Connect one end of the XLR cable to the XLR connector on the microphone.
2. Connect the other end of the XLR cable to an XLR input on your audio interface or mixer.

3. Ensure your audio interface or mixer is properly configured and powered.



Image: The TONOR TD510 microphone connected via XLR to an audio mixer, demonstrating its use in a professional audio setup.

OPERATING THE MICROPHONE

The TD510 microphone features intuitive controls for easy operation, especially in USB mode.

Volume Control and Mute Function (USB Mode)

The microphone is equipped with dedicated buttons for volume adjustment and muting.

- **Volume Control:** Use the "+" and "-" buttons to directly adjust the microphone's volume.
- **Mute/Unmute:** Press the mute button to quickly mute or unmute the microphone.
- **Switching Volume Control:** Long-press the mute button to toggle volume control between the microphone and the 3.5mm headphone jack. An indicator light will show which volume is being controlled.



Zero Latency Monitoring

Monitoring your voice in real-time.

Image: A detailed view of the microphone's quick control features, including gain increase/decrease, mute/unmute, and the switch for headphone or microphone volume control.

Zero Latency Monitoring

The integrated 3.5mm headphone jack allows for real-time monitoring of your voice, ensuring you hear exactly what the microphone is capturing without any delay.

- Connect your headphones to the 3.5mm headphone jack on the microphone.
- You can monitor your audio output directly through your headphones.

Plug and Play *Under USB MODE*

No additional driver required for USB connection.



PC



Laptop



PlayStation



Image: A user demonstrating zero latency monitoring with the TONOR TD510 microphone, highlighting the 3.5mm headphone jack for real-time audio feedback.

MAINTENANCE

To ensure the longevity and optimal performance of your TONOR TD510 microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone's exterior. Avoid using harsh chemicals or abrasive materials that could damage the finish.
- **Foam Cover:** The included foam cover helps protect the microphone capsule from dust and moisture. Clean it periodically by gently rinsing with mild soap and water, then allow it to air dry completely before reattaching.
- **Storage:** When not in use, store the microphone in a clean, dry place, away from extreme temperatures and humidity.
- **Handling:** While the microphone features a premium metal shell for durability, avoid dropping or subjecting it to strong impacts, which could affect internal components.

TROUBLESHOOTING

If you encounter issues with your TONOR TD510 microphone, please refer to the following common troubleshooting steps:

- **No Sound Output:**
 - Ensure the microphone is correctly connected via USB or XLR.
 - Check the volume levels on the microphone itself using the "+" button.
 - Verify that the microphone is not muted.
 - Confirm that the correct audio input device is selected in your computer's sound settings or recording software.
 - If using XLR, ensure your audio interface/mixer is powered on and configured correctly.
- **Distorted Sound:**
 - Reduce the microphone's volume or gain setting.
 - Ensure you are not speaking too close to the microphone, which can cause clipping.
 - Check for any interference from other electronic devices.
- **Background Noise:**
 - Ensure the microphone's cardioid pattern is facing the sound source directly.
 - Minimize ambient noise in your recording environment.
 - Check the microphone's gain level; too high a gain can pick up unwanted background noise.
- **Headphone Monitoring Issues:**
 - Ensure headphones are fully plugged into the 3.5mm jack.
 - Verify that the volume control is set to control the headphone output (long-press mute button to switch).
 - Check headphone volume levels.

If these steps do not resolve the issue, please contact TONOR customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	TONOR
Model Name	TD510
Connectivity Technology	USB, XLR
Polar Pattern	Unidirectional (Cardioid)
Frequency Range	50Hz-14KHz
Signal-to-Noise Ratio	95 dB
Impedance	600 Ohm
Max SPL	110dB
Material	Alloy Steel, Zinc

Color	Black
Item Weight	2.01 pounds (912 Grams)
Product Dimensions (L x W x H)	8.46 x 5.12 x 3.35 inches
Compatible Devices	Laptop, PC, PlayStation, Voice Recorder, MAC
Included Components	Dynamic Microphone, Foam Cover, XLR Cable, USB Cable, Manual

WARRANTY AND SUPPORT

TONOR products are designed for reliability and performance. For information regarding warranty coverage, please refer to the warranty card included in your product packaging or visit the official TONOR website. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact TONOR customer service through their official channels.

Keep your purchase receipt as proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question