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> NPTCL Wireless Lavalier Microphone User Manual

NPTCL Cordless Mic

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Model: Cordless Mic

1. INTRODUCTION

This manual provides detailed instructions for the NPTCL Wireless Lavalier Microphone, designed for high-quality audio recording with smartphones and tablets. It features noise cancellation, broad compatibility, and ease of use for various applications.

Key Features:

- Crystal Clear Sound with Noise Cancellation
- USB-C & Lightning 2-in-1 Receiver
- Up to 8 Hours Recording Time
- 75 Feet Wireless Range
- Plug and Play Auto Pairing
- Omnidirectional Voice Pickup

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Wireless Lavalier Microphone(s)
- 2-in-1 USB-C and Lightning Receiver
- Charging Cable (USB-A to USB-C)
- User Manual (this document)
- CD



Figure 2.1: Included Components. The package contains the wireless microphones and the versatile 2-in-1 receiver.

3. SETUP GUIDE

3.1 Charging the Microphone

Before first use, fully charge the wireless microphone(s). A full charge takes approximately 1.5 hours and provides up to 8 hours of working time.

- Connect the charging cable to the microphone's USB-C port.
- Connect the other end of the charging cable to a standard USB power adapter (not included).
- The indicator light on the microphone will show charging status.



110 Mah
Battery Capacity



1.5 Hours
Charging Time



8 Hours
Working Time



Figure 3.1: Battery and Charging Information. The microphone has a 110 mAh battery, charges in 1.5 hours, and provides 8 hours of working time.

3.2 Connecting to Your Device (Plug & Play)

The NPTCL Wireless Lavalier Microphone features automatic pairing for quick setup.

1. **Plug in the Receiver:** Insert the 2-in-1 receiver into your smartphone or tablet's USB-C or Lightning port. Ensure it is fully seated. The receiver's indicator light will illuminate.
2. **Power On the Microphone:** Press the power button on the wireless microphone. The indicator light on the microphone will turn solid green, indicating it is powered on and ready to pair.
3. **Automatic Connection:** The microphone and receiver will automatically pair within seconds. A solid green light on both the microphone and receiver indicates a successful connection. No Bluetooth pairing or app installation is required.

Easy Connection, Plug & Play



Figure 3.2: Easy Connection Steps. Simply plug in the receiver, power on the microphone, and it connects automatically.

Crystal Clear Sound

2 Wireless Auto Sync in One Second



DPS Noise Reduction



8H Working Hours



75Ft Long Range Recording

Figure 3.3: Wide Compatibility. The 2-in-1 receiver supports both Lightning and USB-C devices, including iPhones, iPads, and Android phones.

4. OPERATING INSTRUCTIONS

4.1 Wearing the Microphone

Clip the wireless lavalier microphone to your clothing, ideally near your mouth, for optimal sound capture. The omnidirectional pickup pattern ensures sound is captured from all directions.

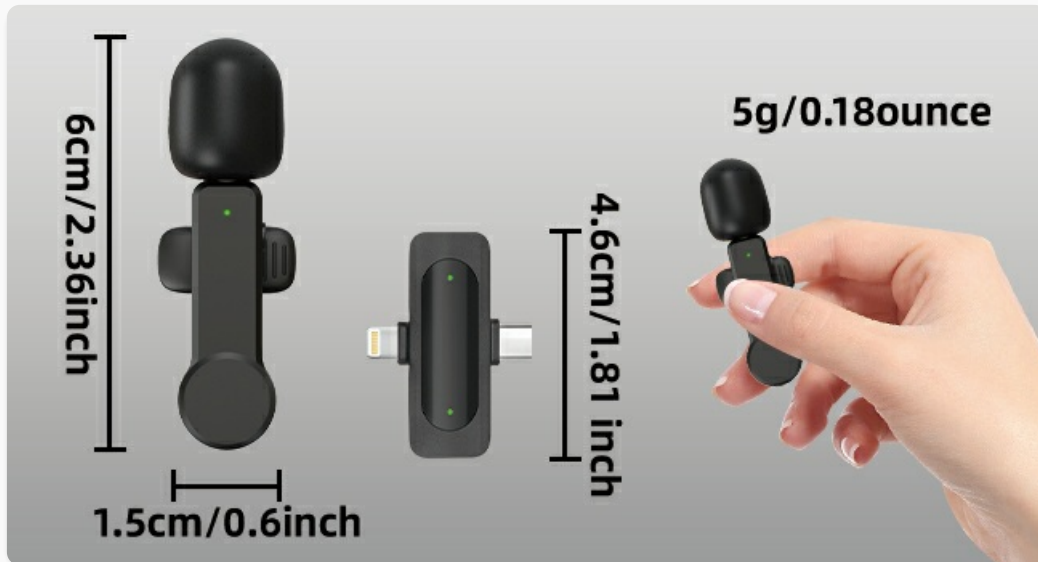


Figure 4.1: Proper Microphone Placement. Clip the microphone to your collar or lapel for clear audio capture.

4.2 Noise Reduction Modes

The microphone offers selectable noise reduction modes to adapt to different recording environments.

- **Noise Reduction On:** Press the power button once after turning on the microphone. The indicator light will be solid green. This mode is recommended for environments with significant background noise.
- **Noise Reduction Off:** Press the power button again to switch to this mode. The indicator light will flicker. This mode is suitable for quiet environments where natural ambient sound is desired.

Three Modes Selectable



Noise Reduction On
(Solid Green Light)



Noise Reduction Off
Light Flickering
(One Press to Switch)



Mute Mode
Red Light
(Press Twice to Mute)



Figure 4.2: Microphone Mode Selection. Easily switch between noise reduction on, noise reduction off, and mute modes using the power button.

4.3 Mute Function

To temporarily mute the microphone during recording:

- **Mute On:** Double-press the power button. The indicator light will turn red.
- **Mute Off:** Double-press the power button again to unmute. The indicator light will return to green (solid or flickering, depending on noise reduction setting).

4.4 Dual Microphone Use

If you have two microphones, both can be used simultaneously with a single receiver for recording two speakers. This is ideal for interviews or dual-person vlogs.



Figure 4.3: Dual Microphone Operation. Two microphones can connect to one receiver, enabling simultaneous recording from two sources.

4.5 Recording Range

The microphone offers a wireless transmission range of up to 75 feet (25 meters) in open environments, providing flexibility for various recording scenarios.

75 FT / 25 M

No Wire

Less Recording Limit



Figure 4.4: Extended Recording Range. The microphone maintains a stable connection up to 75 feet (25 meters) from the receiver.

5. MAINTENANCE AND CARE

- Keep the microphone and receiver dry. Avoid exposure to water or excessive humidity.
- Clean the devices with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the microphone and receiver in a cool, dry place when not in use, preferably in their original packaging or a protective case.
- Avoid dropping or subjecting the devices to strong impacts.
- Regularly charge the microphone to maintain battery health, even if not used frequently.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound recorded / Microphone not working.	Microphone not powered on; Receiver not properly connected; Microphone not paired; Device settings issue.	Ensure microphone is powered on (solid green light). Re-insert receiver firmly into phone port. Check if microphone and receiver lights are solid green (paired). Verify phone's audio input settings are set to external microphone if applicable.
Poor sound quality / Excessive background noise.	Noise reduction off; Microphone too far from source; Environmental interference.	Ensure Noise Reduction mode is active (solid green light). Position microphone closer to the speaker. Move away from sources of strong electromagnetic interference.
Microphone frequently disconnects.	Out of range; Low battery; Interference.	Stay within the 75ft (25m) operating range. Recharge the microphone. Minimize obstacles between microphone and receiver.
Microphone not charging.	Faulty cable or power adapter; Loose connection.	Try a different USB-C charging cable and power adapter. Ensure the cable is securely connected to both the microphone and the power source.
Mute function not working.	Incorrect button press.	Ensure you are double-pressing the power button to toggle mute (red light for mute).

7. PRODUCT SPECIFICATIONS

- **Model:** Cordless Mic
- **Microphone Form Factor:** Lavalier
- **Polar Pattern:** Omnidirectional
- **Connectivity Technology:** Wireless (Proprietary 2.4GHz)
- **Connector Type:** USB-C and Lightning (2-in-1 receiver)
- **Power Source:** Battery Powered
- **Battery Type:** Lithium Ion
- **Battery Capacity:** 110 mAh (per microphone)
- **Charging Time:** Approx. 1.5 hours
- **Working Time:** Up to 8 hours
- **Wireless Range:** Up to 75 feet (25 meters)
- **Material:** Plastic
- **Color:** Black
- **Item Weight:** 0.882 ounces (approx. 25 grams)
- **Number of Channels:** 2 (for dual microphone use)
- **Compatible Devices:** Smartphones (iPhone, iPad, Android with USB-C or Lightning port)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or

visit the official NPTCL website. You may also contact NPTCL customer service directly for assistance.

Manufacturer: NPTCL

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