SENXIN SX31

SENXIN SX31 Wireless Lavalier Microphone User Manual
Model: SX31

1. INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your SENXIN SX31 Wireless Lavalier Microphone. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The SENXIN SX31 is a versatile 3-in-1 wireless microphone system designed for various recording devices, including iPhones, Android smartphones, cameras, and speakers. It features a compact design, noise reduction capabilities, and multiple audio modes for enhanced recording quality.
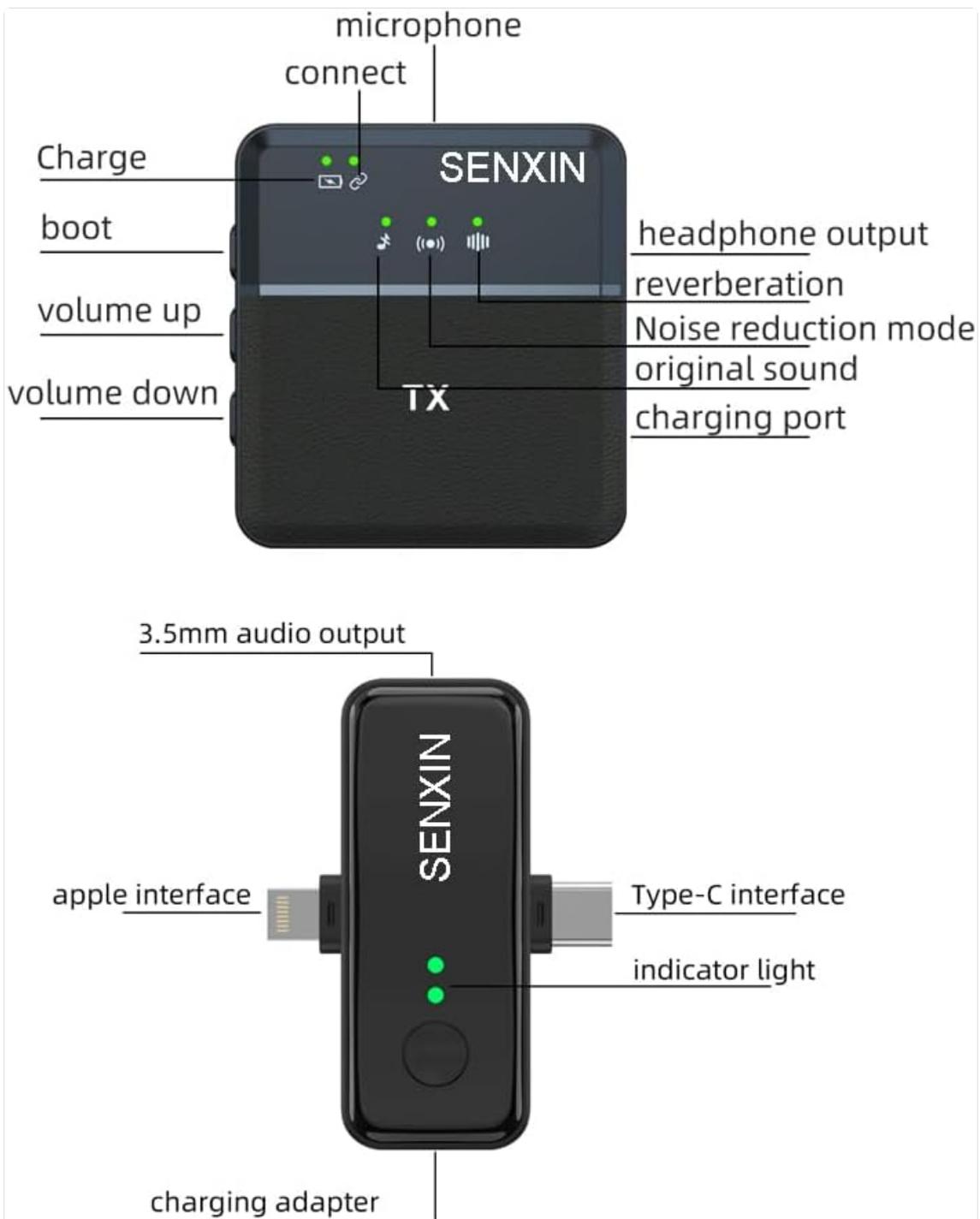
2. PRODUCT OVERVIEW

2.1 Package Contents

The package includes the following items:

- Microphone Transmitter
- Receiver (with Lightning, Type-C, and 3.5mm jack)
- Charging Cable
- Instruction Manual

2.2 Component Identification

Image 2.2.1: Labeled diagram of the SENXIN SX31 microphone transmitter and receiver. The transmitter (TX) shows controls for volume up/down, power, headphone output, and indicators for microphone connection, reverberation, noise reduction mode, original sound mode, and charging port. The receiver shows the Apple interface (Lightning), Type-C interface, indicator light, and 3.5mm audio output.

The microphone transmitter (TX) features controls for volume adjustment, power, and a headphone output. Indicator lights provide status for microphone connection, selected audio modes (reverberation, noise reduction, original sound), and charging. The receiver is equipped with a Lightning connector, a Type-C connector, and a 3.5mm audio output jack, along with an indicator light for connection status.

3. Setup Guide

Follow these steps to set up your SENXIN SX31 wireless microphone system:

1. **Step 1: Connect the Receiver.** Plug the appropriate connector (Lightning, Type-C, or 3.5mm jack) of the receiver into the port of your recording device (smartphone, camera, laptop, etc.). The receiver's

indicator light will illuminate.

2. **Step 2: Power On the Microphone.** Press and hold the power button on the microphone transmitter (TX) to turn it on. The microphone's indicator light will flash, then turn solid when successfully paired with the receiver. No Bluetooth or app is required for connection.

3. **Step 3: Begin Recording.** Once connected, you can start your live broadcast or video recording.

Image 3.1: Visual guide for connecting the receiver to a phone and powering on the microphone transmitter.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on: Press and hold the power button on the microphone transmitter until the indicator light illuminates.
- To power off: Press and hold the power button again until the indicator light turns off.

4.2 Volume Adjustment

The microphone transmitter features dedicated buttons for volume control. Use the 'volume up' and

'volume down' buttons to adjust the audio input level as needed.

4.3 Audio Modes

The SX31 microphone offers four distinct audio modes, selectable via a dedicated button on the transmitter:

- **Mute:** Silences the microphone input.
- **Original Sound:** Captures audio without any processing.
- **Noise Reduction:** Filters out ambient background noise for clearer voice capture.
- **Reverb:** Adds an echo effect to the audio, suitable for specific vocal performances.

4.4 Low Battery Reminder

When the microphone's battery is low, the power indicator light will flash to alert you that charging is required.

5. COMPATIBILITY

The SENXIN SX31 receiver is designed with a 3-in-1 connector, ensuring broad compatibility with various devices:

- **Lightning Connector:** Compatible with iPhone 12, iPhone SE, and other iPhone series models.
- **Type-C Connector:** Compatible with Android phones and Android tablets.
- **3.5mm Jack:** Compatible with cameras, laptops, and PCs.

Image 5.1: Visual representation of the SX31 receiver's compatibility with different device types via its multi-port design.

6. CHARGING

The microphone transmitter is equipped with a built-in 300 mAh lithium polymer battery, providing approximately 6-10 hours of use on a full charge. The receiver does not have an internal battery and draws power from the connected device.

- **Charging Interface:** Type-C charging port on the microphone transmitter.
- **Charging Time:** Approximately 2 hours for a full charge.
- **Rated Input:** DC5V=500mA.

Use the provided charging cable to connect the microphone transmitter to a standard USB power source (e.g., computer USB port, wall adapter).

7. MAINTENANCE

- Keep the microphone and receiver clean and dry. Avoid exposure to moisture or extreme temperatures.
- Clean the device surfaces with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a safe place when not in use to prevent physical damage.

- Charge the microphone regularly, even if not in frequent use, to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Microphone not connecting/pairing.	Microphone or receiver not powered on; receiver not fully inserted; out of range.	Ensure both devices are powered on. Re-insert the receiver firmly. Move closer to the receiver (within 20 meters/65 feet without obstacles).
No sound or low sound output.	Microphone muted; volume too low; incorrect audio mode; device volume low.	Check if the microphone is muted. Adjust microphone volume. Select 'Original Sound' or 'Noise Reduction' mode. Increase volume on your recording device.
Poor audio quality/static.	Interference; microphone too far; battery low.	Move away from sources of strong electromagnetic interference. Ensure microphone is within optimal range. Charge the microphone battery.
Microphone not charging.	Charging cable faulty; power source issue; charging port obstructed.	Try a different Type-C charging cable. Use a different USB power source. Check the charging port for debris.

9. SPECIFICATIONS

Product parameters

thickness:10.6mm

thickness:12mm

SENXIN

TX

47mm

43mm

SENXIN

SENXIN

60mm

45mm

product name	wireless microphone	Wireless version	2.4G/Bluetooth 4.2
Body weight	25g	receiving distance	20 meters
battery capacity	250mAh	signal to noise ratio	≥90DB
Frequency Range	New wireless transmission	Frequency Range	35Hz-20KHz
point to type	omnidirectional	Dimensions	47X43X10.6mm
charging time	about 2 hours	work time	about 4-5 hours
charging interface	Type-c charging port	Rated input	DC5V=500mA

Image 9.1: Detailed product parameters and dimensions for the SENXIN SX31 wireless microphone system.

Feature	Detail
Model Name	SX31
Brand	SENXIN
Microphone Form Factor	Lavalier
Connectivity Technology	Wireless (2.4 GHz)
Connector Type	Lightning, USB Type-C, 3.5mm Jack

Feature	Detail
Polar Pattern	Omnidirectional
Frequency Response	35Hz-20KHz
Wireless Transmission Distance	Up to 20 meters (65 feet) without obstacles
Microphone Battery Capacity	300 mAh Lithium Polymer
Microphone Usage Time	6-10 hours
Microphone Charging Time	Approx. 2 hours
Microphone Weight	Approx. 20 grams (0.7 ounces)
Material	Plastic
Special Features	Battery Indicator Light, Clip, Mute Function, Noise Reduction, Volume Control
Compatible Devices	Camera, Smartphone (iPhone, Android), Speaker, Laptop, PC

10. WARRANTY AND SUPPORT

SENXIN products are manufactured with high-quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official SENXIN website. Please retain your proof of purchase for warranty claims.

For further assistance, you may contact SENXIN customer support through the channels provided on the official brand website or your purchase platform.