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PUREMIC MX1

PUREMIC Singing Microphone User Manual

Model: MX1
Brand: PUREMIC

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your PUREMIC Singing Microphone (Model MX1). Designed for versatility, this microphone is ideal for vocal and instrument recording, podcasting, live streaming, gaming, and is compatible with popular applications like Smule and Starmaker. It features a cardioid polar pattern for clear audio capture and comes with essential accessories including an earphone and a height-adjustable stand.

Image: The PUREMIC Singing Microphone, showing the pink microphone, wired earphones, USB-C dongle, Lightning adapter, and the adjustable white stand.

What's in the Box

Upon unboxing your PUREMIC Singing Microphone, please verify that all the following components are included:

- Microphone x 1
- Mic Stand x 1
- Earphone x 1
- Lightning Adapter x 1
- USB C Dongle x 1
- Product Manual x 1

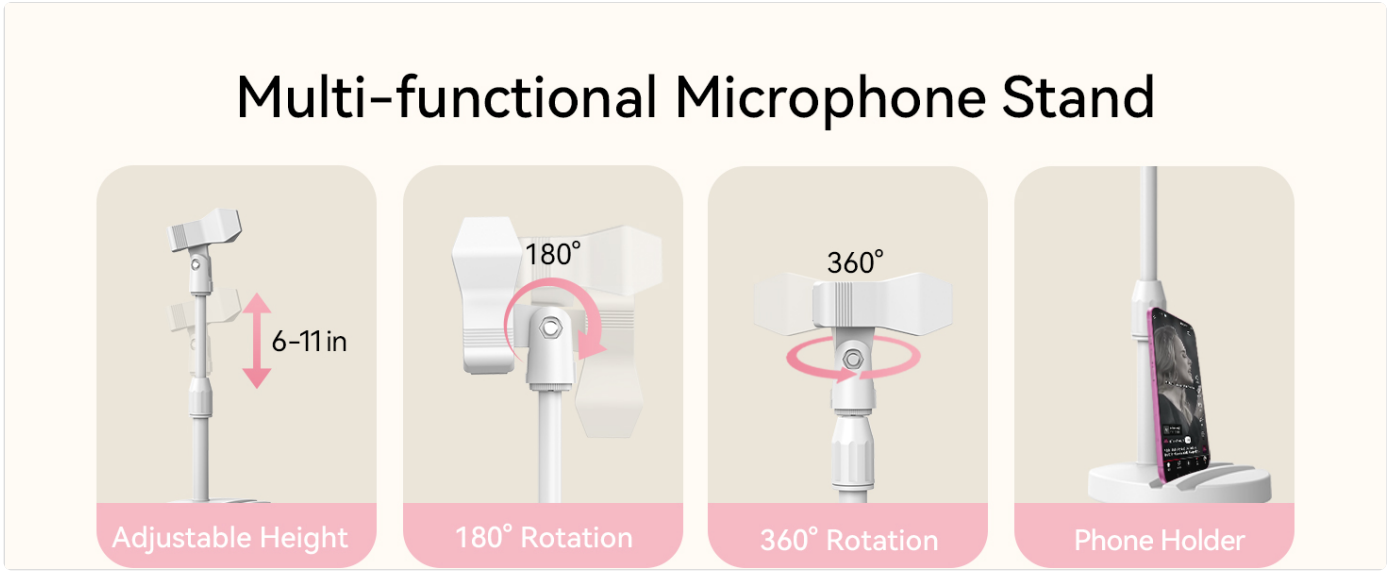

Image: Diagram illustrating the components included in the product package: microphone, stand, earphone, Lightning adapter, USB-C dongle, and manual.

Product Overview

Microphone Controls

The PUREMIC Singing Microphone features intuitive controls for ease of use during recording, streaming, or gaming sessions.

- **Power Button:** Press to turn the microphone on or off.
- **Mute Button:** Quickly mute or unmute the microphone. An LED indicator will show the mute status.
- **Vocal Cancel Button:** Allows you to switch to the original karaoke track, effectively removing vocals from a song.
- **Volume Controls:** Adjust the microphone's output volume.

Image: A close-up view of the PUREMIC microphone, highlighting the power button, mute button, and volume controls with their respective functions.

Microphone Stand

The included microphone stand is designed for flexibility and convenience, allowing for optimal positioning during use.

- **Adjustable Height:** The stand can be adjusted from 6 to 11 inches to suit various setups.
- **180° Rotation:** The microphone holder can rotate 180 degrees for precise angling.
- **360° Rotation:** The entire stand assembly allows for 360-degree rotation.

- **Phone Holder:** Integrated phone holder for convenient display of lyrics or streaming interfaces.

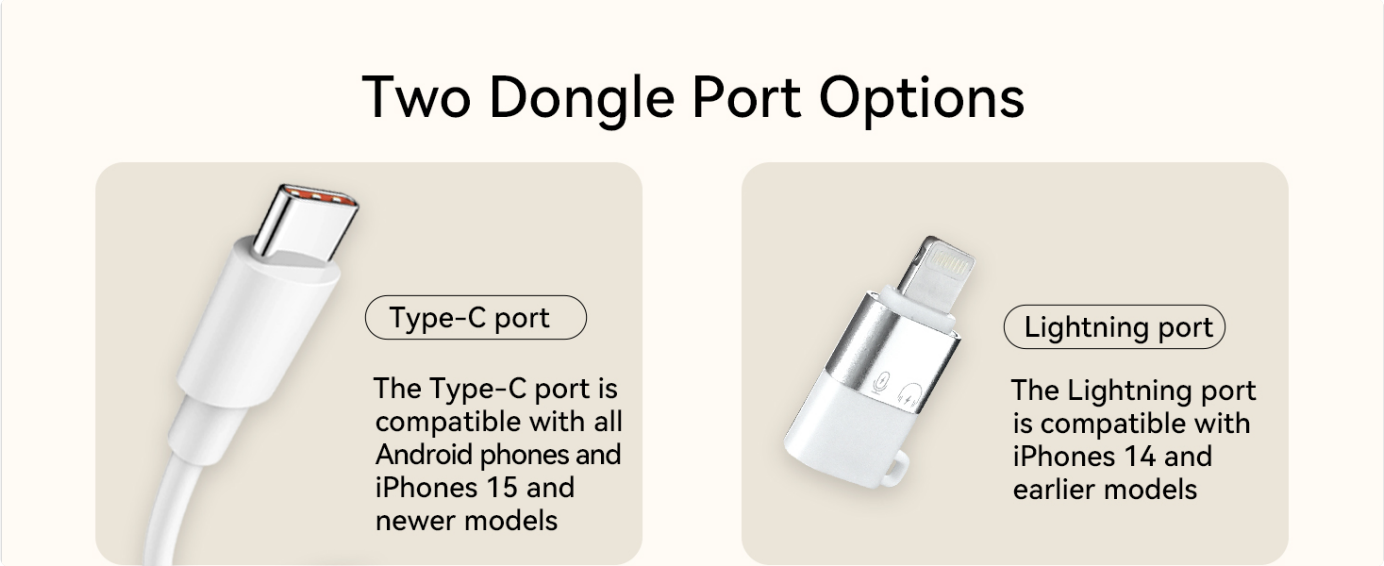

Image: Visual representation of the microphone stand's features, including adjustable height, 180-degree rotation, 360-degree rotation, and its function as a phone holder.

Setup Instructions

The PUREMIC Singing Microphone is designed for plug-and-play functionality, ensuring a quick and easy setup process.

Connecting with Earphones for Home Recording

1. Connect the included earphone to the earphone jack on the microphone.
2. Plug the appropriate dongle (USB-C or Lightning) into your smartphone or iPad.
3. Connect the microphone to the dongle. The sound will be transmitted to your ears through the earphones, allowing for real-time monitoring.

Image: Step-by-step diagram illustrating the connection of the microphone to earphones and a smartphone via the dongle for home recording.

Connecting with a Speaker for Outdoor Karaoke

1. Plug the appropriate dongle (USB-C or Lightning) into your smartphone or iPad.
2. Connect the microphone to the dongle.
3. Connect an AUX cable (not included) from your phone/dongle setup to your external speaker. The sound will emanate from the speakers.

Image: Step-by-step diagram illustrating the connection of the microphone to a smartphone via the dongle, and then to an external speaker using an AUX cable for outdoor karaoke.

Dongle Compatibility

The microphone comes with two dongle options to ensure broad compatibility:

- **USB-C Port:** Compatible with all Android phones and iPhone 15 and newer models.
- **Lightning Port:** Compatible with iPhones 14 and earlier models.

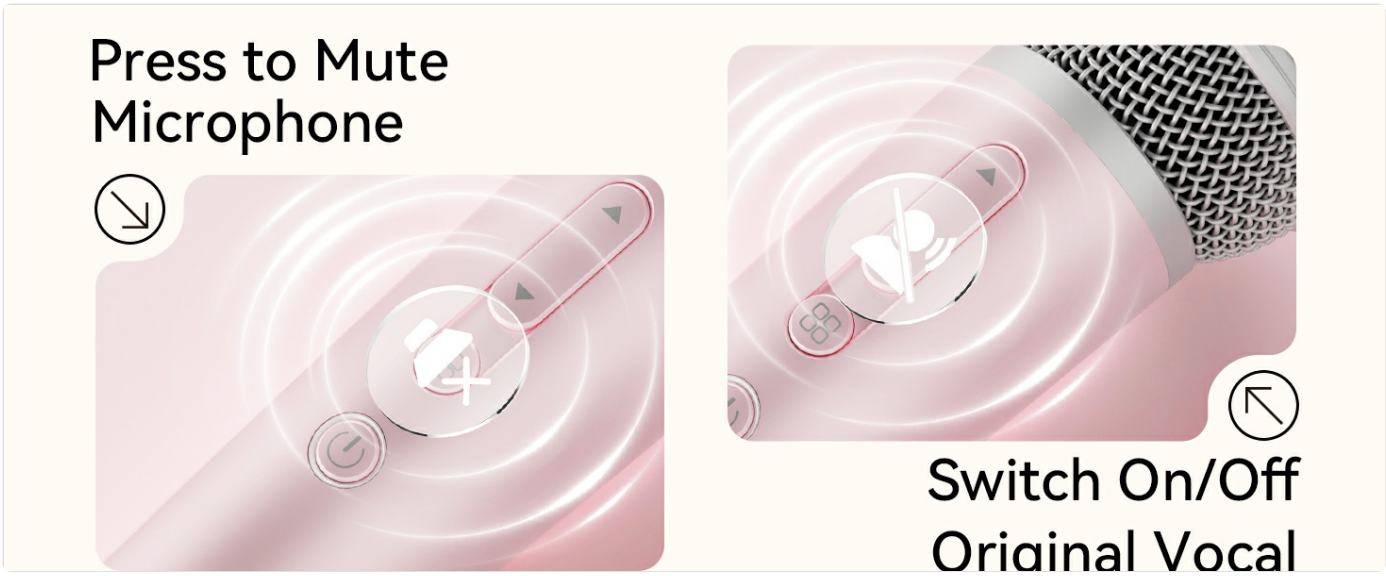

Image: Visual representation of the USB-C and Lightning dongle options, detailing their compatibility with different smartphone models.

Operating Instructions

The PUREMIC Singing Microphone is designed for a wide range of audio activities. Below are instructions for common uses.

General Usage

- Ensure the microphone is charged and connected to your device via the appropriate dongle.
- Turn on the microphone using the power button.
- Adjust the volume using the dedicated controls on the microphone.
- Use the mute button as needed to control audio input.
- For karaoke, utilize the vocal cancel button to remove original vocals from tracks.

Application Compatibility

This microphone is compatible with a variety of popular applications for singing, streaming, and podcasting:

- **Singing Apps:** Smule, Starmaker, Spotify, Apple Music.
- **Live Streaming Platforms:** Twitch, TikTok, YouTube.
- **Podcasting Platforms:** Apple Podcasts, Stitcher.
- Also suitable for gaming and other creative endeavors.

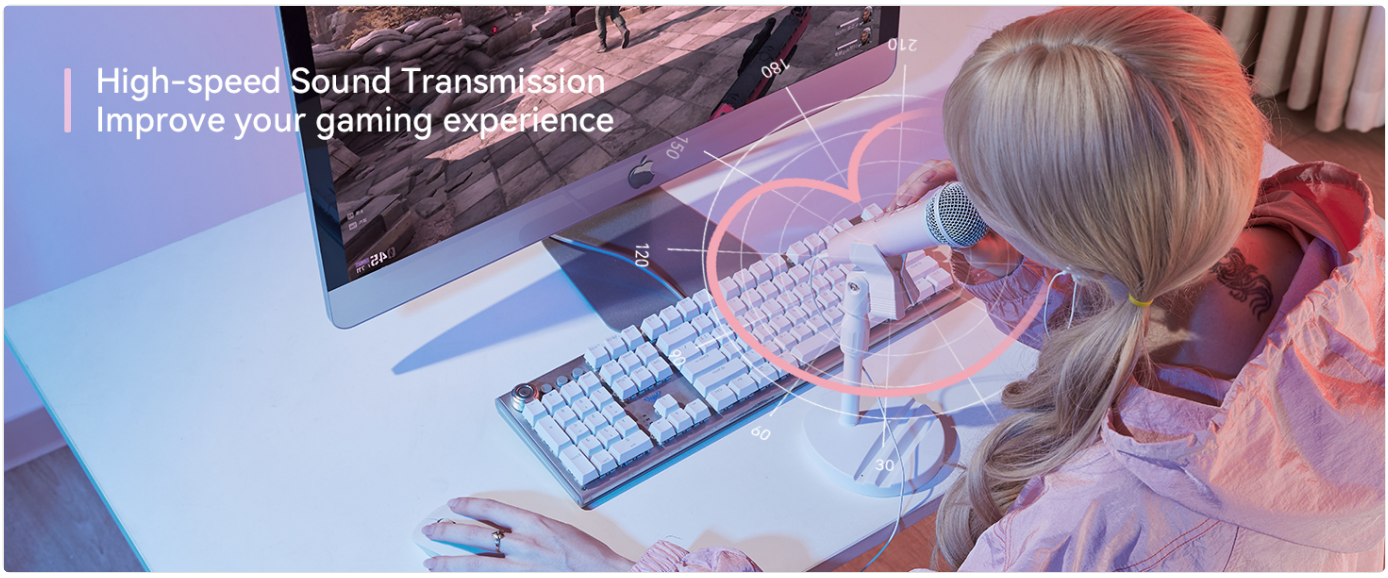

Image: A graphic displaying the PUREMIC microphone's compatibility with popular applications such as TikTok, Starmaker, Smule, Spotify, Apple Music, YouTube, and podcasting platforms.

Sound Modes and Effects

The PUREMIC Singing Microphone offers multiple sound effects and a high-quality audio processing system to enhance your vocal performance.

- **Cardioid Polar Pattern:** Ensures clear and true sound by effectively reducing side pickup noise, focusing on your voice.
- **Built-in Reverberation Mode:** Adds depth and richness to your vocals.
- **DSP Chip:** Advanced digital signal processing chip for high-fidelity audio and immersive sound experience.

Available Sound Effects

- **Original Vocal:** For standard, unprocessed vocal output.
- **Voice Recording:** Optimized for clear voice capture during recording sessions.
- **Voice Change:** Modifies your voice for creative effects.
- **Livestream Effect:** Tailored for live broadcasting to ensure optimal sound.
- **Mixing Recording:** For combining vocals with background music.

Image: A graphic illustrating the five distinct sound modes available on the PUREMIC microphone: Standard, Live Streaming, Mixing Recording, Voice Recording, and Voice Change.

Battery Information

The PUREMIC Singing Microphone is equipped with a long-lasting Lithium Polymer battery for extended use.

- **Battery Type:** 1 Lithium Polymer battery (included).
- **Working Time:** Up to 15 hours on a full charge.
- **Charging Time:** Approximately 2 hours for a full charge.
- **Charging Port:** Dual Type-C ports support simultaneous broadcasting and charging.

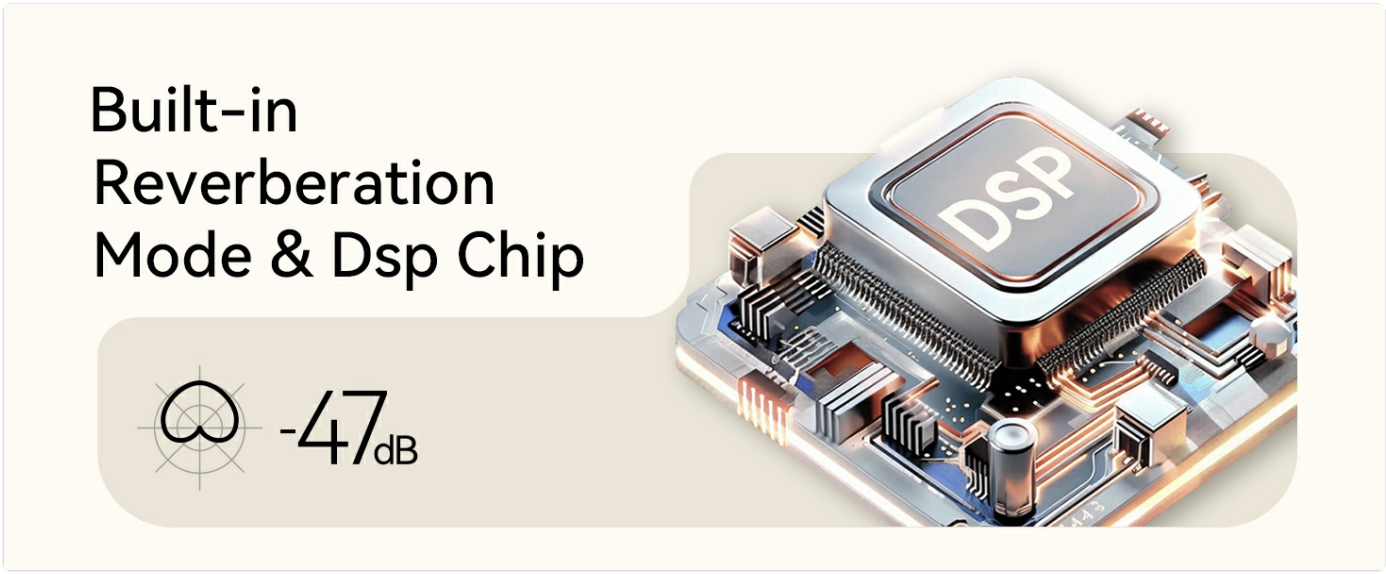

Image: A graphic detailing the battery specifications of the PUREMIC microphone, including 2 hours charging time and 15 hours working time.

Maintenance

To ensure the longevity and optimal performance of your PUREMIC Singing Microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the microphone body. For the mesh grille, use a soft brush to gently remove dust or debris. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure it is fully charged before storage.
- **Handling:** Avoid dropping the microphone or subjecting it to strong impacts, as this can damage internal components.

- **Cable Care:** Handle cables and dongles carefully. Avoid sharp bends or excessive pulling that could damage the connectors.

Troubleshooting

If you encounter issues with your PUREMIC Singing Microphone, please refer to the following common troubleshooting steps:

Microphone Not Pairing/Connecting

- **Check Power:** Ensure both the microphone and your device (smartphone/iPad) are powered on and sufficiently charged.
- **Dongle Connection:** Verify that the USB-C or Lightning dongle is securely plugged into your device's port. Ensure the microphone is also firmly connected to the dongle.
- **Correct Dongle:** Confirm you are using the correct dongle for your device (Lightning for iPhone 14 and earlier, USB-C for Android and iPhone 15+).
- **Restart Devices:** Try restarting your smartphone/iPad and the microphone.
- **Test on Another Device:** If possible, test the microphone with another compatible device to determine if the issue is with the microphone or your primary device.

No Sound Output or Poor Audio Quality

- **Volume Levels:** Check the volume settings on both the microphone and your connected device. Ensure they are not muted or set too low.
- **Earphone/Speaker Connection:** If using earphones, ensure they are fully plugged into the microphone's earphone jack. If using an external speaker, verify the AUX cable connection and speaker volume.
- **App Settings:** Check the audio input/output settings within the application you are using (e.g., Smule, TikTok) to ensure the PUREMIC microphone is selected as the input device.
- **Microphone Position:** Ensure the microphone is positioned correctly and not too far from the sound source.
- **Interference:** Move away from potential sources of electromagnetic interference.

Mute Button Not Working

- **Firm Press:** Ensure you are pressing the mute button firmly.
- **LED Indicator:** Observe the mute LED indicator. If it changes state but audio is still present, check app settings.

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

Specifications

Feature	Detail
Model Name	Bluetooth Microphone-MX1
Brand	PUREMIC
Item Weight	1.23 Pounds (0.56 kg)
Product Dimensions (L x W x H)	6.8 x 2 x 2 inches (17.3 x 5.1 x 5.1 cm)
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional (Cardioid)
Connectivity Technology	UHF

Feature	Detail
Connector Type	USB Type-C
Power Source	Battery Powered
Battery Type	Lithium Polymer (1 included)
Frequency Response	20000 Hz
Signal-to-Noise Ratio	75 dB
Impedance	80 Ohm
Material	Acrylonitrile Butadiene Styrene
Color	Pink
Compatible Devices	Karaoke Machine, Smartphone, Speaker, Voice Recorder
Recommended Uses	Gaming, Karaoke, Singing, Streaming, Video Conference

Warranty and Support

For warranty information and technical support, please contact PUREMIC customer service directly. Refer to the contact details provided in the product packaging or visit the official PUREMIC website.
For additional protection, third-party protection plans may be available for purchase. Please consult the retailer for details on these plans.

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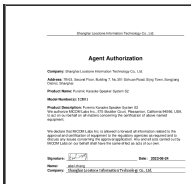
Related Documents

	Puremic S2 Karaoke Speaker System User Manual Comprehensive user manual for the Puremic S2 Karaoke Speaker System, covering FCC compliance, safety guidelines, operational instructions, connection ports, technical specifications for both speaker and microphone, and troubleshooting tips. Includes details on charging and usage via Bluetooth or cable.
	Puremic S2 Karaoke Speaker System User Manual and Troubleshooting Guide Discover the Puremic S2 Karaoke Speaker System user manual. This guide provides essential safety information, detailed product descriptions, connection instructions, troubleshooting tips, and technical specifications for the S2 speaker and microphone. Learn how to set up, operate, and maintain your Puremic S2 for an optimal karaoke experience.

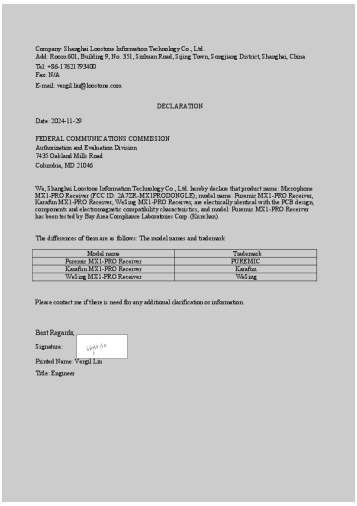


Agent Authorization

[Agent Authorization for Puremic Karaoke Speaker System S2 by Shanghai Loostone]

This document serves as an agent authorization from Shanghai Loostone Information Technology Co., Ltd. to MiCOM Labs Inc. for the certification of the Puremic Karaoke Speaker System S2 (Model S2B01) with regulatory agencies.

Documents - PUREMIC – MX1



Company: Shanghai Loostone Information Technology Co., Ltd.
Add: Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China
Tel: +86-1 3621 593400
Fax: N/A
E-mail: vergil.liu@loostone.com

DECLARATION

Date: 2024-11-29

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

We, Shanghai Loostone Information Technology Co., Ltd. hereby declare that product name: Microphone MX1-PRO Receiver (FCC ID: 2A7ZR-MX1PRODONGLE); model name: Puremic MX1-PRO Receiver, Karafun MX1-PRO Receiver, WeSing MX1-PRO Receiver, are electrically identical with the PCB design, components and electromagnetic compatibility characteristics, and model: Puremic MX1-PRO Receiver has been tested by Bay Area Compliance Laboratories Corp. (Kunshan).

The differences of them are as follows: The model names and trademark

Model name	Trademark
Puremic MX1-PRO Receiver	PUREMIC
Karafun MX1-PRO Receiver	Karafun
WeSing MX1-PRO Receiver	WeSing

Please contact me if there is need for any additional clarification or information.

Best Regards,

Signature:

Printed Name: Vergil Liu

Title: Engineer

[pdf] Decleration of Conformity

1 backks96 DoS Letter Shanghai Loostone Information Technology Co Ltd MX1PRODONGLE Microphone MX1 PRO Receiver 2A7ZR 2A7ZRMX1PRODONGLE mx1prodongle

Company: Shanghai Loostone Information Technology Co., Ltd. Add: Room 601, Building 9, No. 351, Sizh ... We, Shanghai Loostone Information Technology Co., Ltd. hereby declare that product name: Microphone **MX1**-PRO Receiver FCC ID: 2A7ZR-**MX1**PRODONGLE ; model name: Puremic **MX1**-PRO Receiver, Karafun **MX1**-PRO...

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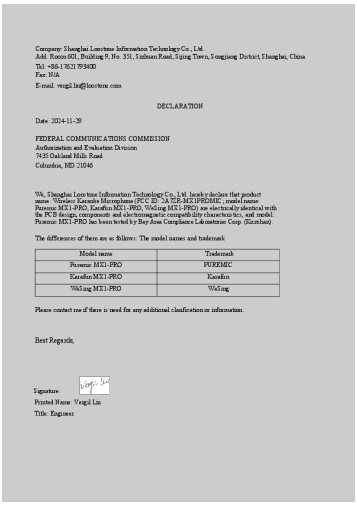

Company: Shanghai Loostone Information Technology Co., Ltd.
Add: Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China
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E-mail: vergil.liu@loostone.com

DECLARATION

Date: 2024-11-29

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

We, Shanghai Loostone Information Technology Co., Ltd. hereby declare that product name: Wireless Karaoke Microphone (FCC ID: 2A7ZR-MX1PROMIC ; model name: Puremic MX1-PRO, Karafun MX1-PRO, WeSing MX1-PRO) are electrically identical with the PCB design, components and electromagnetic compatibility characteristics, and model: Puremic MX1-PRO has been tested by Bay Area Compliance Laboratories Corp. (Kunshan).

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Model name	Trademark
Puremic MX1-PRO	PUREMIC
Karafun MX1-PRO	Karafun
WeSing MX1-PRO	WeSing

Please contact me if there is need for any additional clarification or information.

Best Regards,

Signature:

Printed Name: Vergil Liu

Title: Engineer

[pdf] Decleration of Conformity

1 backks96 DoS Letter Shanghai Loostone Information Technology Co Ltd MX1PROMIC Wireless Karaoke Microphone 2A7ZR 2A7ZRMX1PROMIC mx1promic

Company: Shanghai Loostone Information Technology Co., Ltd. Add: Room 601, Building 9, No. 351, Sizh ... n Technology Co., Ltd. hereby declare that product name: Wireless Karaoke Microphone FCC ID: 2A7ZR-**MX1**PROMIC; model name: Puremic **MX1**-PRO, Karafun **MX1**-PRO, WeSing **MX1**-PRO are electrically identical ...

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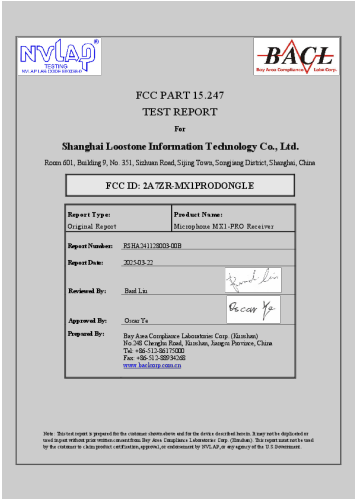

FCC PART 15.247
TEST REPORT
For
Shanghai Loostone Information Technology Co., Ltd.
Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China
FCC ID: 2A7ZR-MX1PRODONGLE

Report Type:	Product Name:
Original Report	Microphone MX1-PRO Receiver

Report Number: RSHA241128003-00B
Report Date: 2025-03-22
Reviewed By: Basil Liu
Approved By: Oscar Ye
Prepared By: Bay Area Compliance Laboratories Corp. (Kunshan)
No.248 Chengbu Road, Kunshan, Jiangsu Province, China
Tel: +86-512-88171000
Fax: +86-512-88936268
www.baclcorp.com.cn

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Kunshan). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S Government.

[pdf] Test Report

baclks96 Test Report Shanghai Loostone Information Technology Co Ltd MX1PRODONGLE Microphone MX1 PRO Receiver 2A7ZR 2A7ZRMX1PRODONGLE mx1prodongle

FCC PART 15.247 TEST REPORT For Shanghai Loostone Information Technology Co., Ltd. Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China FCC ID: 2A7ZR-**MX1**PRODONGLE Report Type: Original Report Product Name: Microphone **MX1**-PRO Receiver Report Number: RSHA241...

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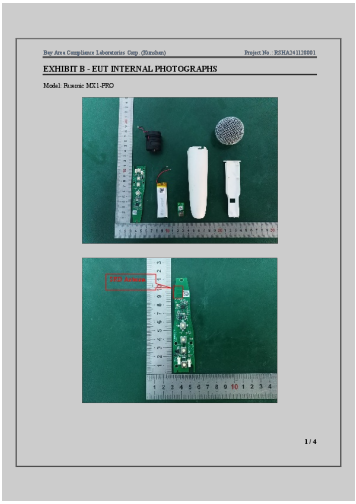

Bay Area Compliance Laboratories Corp. (Kunshan) Project No.: RSHA241128001

EXHIBIT B - EUT INTERNAL PHOTOGRAPHS

Model: Puremic MX1-PRO

1 / 4

[pdf] Product Photos Teardown

baclks96 Internal Photos Shanghai Loostone Information Technology Co Ltd MX1PROMIC Wireless Karaoke Microphone 2A7ZR 2A7ZRMX1PROMIC mx1promic

Bay Area Compliance Laboratories Corp. Kunshan EXHIBIT B - EUT INTERNAL PHOTOGRAPHS Model: Puremic **MX1**-PRO Project No.: RSHA241128001 SRD Antenna 1 / 4 Bay Area Compliance Laboratories Corp. Kunshan Project No.: RSHA241128001 2 / 4 Bay Area Compliance Laboratories Corp. Kunshan Projec...

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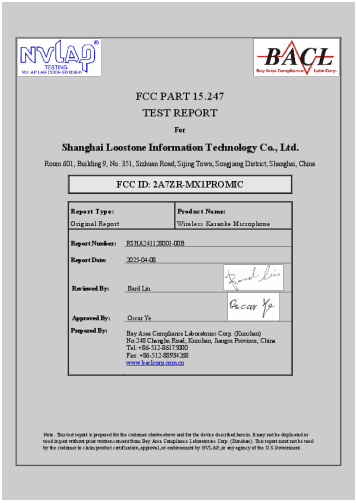

FCC PART 15.247
TEST REPORT
For
Shanghai Loostone Information Technology Co., Ltd.
Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China
FCC ID: 2A7ZR-MX1PROMIC

Report Type:	Product Name:
Original Report	Wireless Karaoke Microphone

Report Number: RSHA241128001-00B
Report Date: 2025-04-08
Reviewed By: Basil Liu
Approved By: Oscar Ye
Prepared By: Bay Area Compliance Laboratories Corp. (Kunshan)
No.248 Chengbu Road, Kunshan, Jiangsu Province, China
Tel: +86-512-88171000
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www.baclcorp.com.cn

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[pdf] Test Report

baclks96 Test Report Shanghai Loostone Information Technology Co Ltd MX1PROMIC Wireless Karaoke Microphone 2A7ZR 2A7ZRMX1PROMIC mx1promic

FCC PART 15.247 TEST REPORT For Shanghai Loostone Information Technology Co., Ltd. Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China FCC ID: 2A7ZR-**MX1**PROMIC Report Type: Original Report Product Name: Wireless Karaoke Microphone Report Number: RSHA241128...

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