ZINGYOU ZY-905

ZINGYOU ZY-905 USB Condenser Microphone Instruction Manual

Model: ZY-905

1. INTRODUCTION

The ZINGYOU ZY-905 is a high-fidelity USB condenser microphone designed for various applications including gaming, recording, live streaming, and online video creation. It features a 16mm electret condenser transducer and noise reduction technology to deliver clear, rich sound with a wide frequency response of 40Hz-14kHz. This microphone is engineered for direct plug-and-play compatibility with macOS and Windows laptops and PCs, eliminating the need for additional sound cards or phantom power.

Image 1: The ZINGYOU ZY-905 microphone, illustrating its cardioid polar pattern and key technical specifications such as mic-core diameter, sensitivity, frequency response, sampling rate, and maximum SPL.

2. WHAT'S IN THE BOX

Verify that all components are present in your ZINGYOU ZY-905 USB microphone kit:

- ZINGYOU ZY-905 USB Condenser Microphone
- Tripod Stand
- Metal Shock Mount
- USB Cable
- User Manual
- Warranty Card

3. SETUP GUIDE

3.1. Assembly

1. Attach the metal shock mount to the tripod stand.
2. Securely screw the ZY-905 microphone into the metal shock mount.

3. Connect the provided USB cable to the microphone's port.

Image 2: The ZINGYOU ZY-905 microphone with its adjustable tripod stand, highlighting its 240° adjustable angle for sound source capture and 360° rotation for optimal positioning.

3.2. Connecting to Your Computer

The ZY-905 microphone is designed for plug-and-play operation with macOS and Windows operating systems. No additional drivers or phantom power are required.
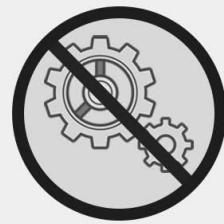
1. Connect the USB cable from the microphone to an available USB 2.0 port on your laptop or PC.

2. Observe the small blue indicator light on the microphone. If it flashes, the computer is recognizing the microphone but it is not yet ready for use.

3. Once the blue indicator light remains steadily on, the microphone has been successfully detected and is ready for normal operation.

Designed for laptop and PC with macOS or Windows system.

No Need Phantom Power

No Need Extra Driver Software

No Need Windscreen
Sturdy Steel Mesh Cover and Internal Windscreen

Image 3: Visual representation of the ZINGYOU ZY-905 microphone's compatibility with laptops and PCs running macOS or Windows, emphasizing that no phantom power or additional driver software is required.

3.3. System Settings (Windows/macOS)

After connecting, you may need to select the ZINGYOU ZY-905 as your default input device in your computer's

sound settings or within your recording/communication software.

- **Windows:** Go to *Settings > System > Sound > Input* and select 'ZINGYOU ZY-905' from the dropdown menu.
- **macOS:** Go to *System Preferences > Sound > Input* and select 'ZINGYOU ZY-905'.

4. OPERATING INSTRUCTIONS

The ZY-905 microphone is optimized for capturing vocals and speech with clarity. Its cardioid polar pattern primarily picks up sound from the front, minimizing background noise from the sides and rear.

4.1. Optimal Microphone Placement

For best results, position the microphone directly in front of the sound source (e.g., your mouth) at a distance of 6-12 inches (15-30 cm). Experiment with distance to find the ideal balance between vocal presence and ambient noise rejection.

Image 4: An illustration demonstrating the ZINGYOU ZY-905 microphone's effective range and directionality when capturing a user's voice.

4.2. Usage Scenarios

- **Recording:** Use with your preferred digital audio workstation (DAW) or recording software for clear vocal

and instrument recordings.

Image 5: A user actively recording audio using the ZINGYOU ZY-905 USB microphone connected to a laptop, demonstrating its application in a recording setup.

- **Gaming:** Enhance in-game communication with clear voice capture.

Image 6: A user engaged in gaming, utilizing the ZINGYOU ZY-905 USB microphone with a desktop computer for clear in-game communication.

- **Live Streaming & Video Calls:** Provide professional-quality audio for live broadcasts, online meetings, and video conferencing.

Image 7: A user participating in a video call or live stream, showcasing the ZINGYOU ZY-905 USB microphone in use with a desktop computer for clear audio transmission.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ZINGYOU ZY-905 microphone:

- Keep the microphone clean by gently wiping it with a soft, dry cloth.
- Avoid exposing the microphone to extreme temperatures, humidity, or direct sunlight.
- Store the microphone in a safe place when not in use to prevent physical damage.
- Do not attempt to disassemble the microphone, as this may void the warranty.

6. TROUBLESHOOTING

- **Microphone not recognized by computer:**
  Ensure the USB cable is securely connected to both the microphone and the computer. Try a different USB port. Check the blue indicator light; if it's flashing, the computer is still recognizing it. Wait for it to be solid blue.

- **No sound input:**
  Verify that the ZINGYOU ZY-905 is selected as the default input device in your computer's sound settings and within your application (e.g., recording software, communication app). Check the input volume levels in your system settings.

- **Poor sound quality or buzzing noise:**
  Ensure the microphone is positioned correctly and not too far from the sound source. Avoid placing the microphone near sources of electromagnetic interference (e.g., power cables, unshielded electronics).

- **Using with a phone:**
  The ZY-905 is designed for PC/Mac. To use it with a phone, an additional 'OTG adapter' is required and is **not included** in this package. Ensure you have a compatible OTG adapter for your specific phone model.

- **Incompatibility with specific software (e.g., Pro Tools):**
  While the microphone is plug-and-play for general use, some professional audio software (DAWs) may require specific configurations or may not fully support generic USB microphones. Consult your software's documentation for compatible hardware.

7. SPECIFICATIONS

Model Name	ZY-905
Microphone Type	USB Condenser Microphone
Polar Pattern	Unidirectional (Cardioid)
Mic-core Diameter	16mm Electret Condenser
Frequency Response	40Hz-14kHz
Sensitivity	-51dB (0dB=1V/Pa at 1kHz)
Sampling Rate	16bit / 48kHz
Max. SPL	130dB (at 1kHz ≤ 1% T.H.D)
Connectivity	USB 2.0
Compatible Devices	Laptop, Personal Computer (macOS, Windows)
Material	Metal
Color	Slate Gray
Item Dimensions (L x W x H)	8.46 x 4.92 x 2.17 inches
Item Weight	1.06 pounds

8. WARRANTY AND SUPPORT

ZINGYOU provides comprehensive customer support for the ZY-905 USB microphone:

- **7-Day No Reason Refund:** If you are not satisfied with your purchase, you may be eligible for a refund within 7 days.

- **30-Day Replacement:** In case of product defects or issues, a replacement can be provided within 30 days of purchase.

- **1-Year Warranty Service:** The microphone is covered by a 1-year warranty against manufacturing defects.

- **24h Friendly Customer Service & E-mail Support:** For any questions or assistance, please do not hesitate to contact our customer service team. Refer to the warranty card or product packaging for contact details.