

## ZINGYOU ZY-801+

# ZINGYOU ZY-801+ Condenser Microphone Instruction Manual

Model: ZY-801+ | Brand: ZINGYOU

## INTRODUCTION

Thank you for choosing the ZINGYOU ZY-801+ Condenser Microphone. This professional studio microphone is designed for high-quality audio recording and broadcasting on PC. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your microphone system to ensure optimal performance.

## WHAT'S IN THE BOX

Please verify that all components listed below are included in your package:

- ZINGYOU ZY-801 Condenser Microphone
- USB Sound Adapter
- 1/8" TRS Stereo to XLR Female Cable
- Pop Filter
- Shock Mount
- Desktop Tripod
- Microphone Windscreen
- English Manual Instruction

# What's in the box?

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- USB sound adapter
- Microphone windscreen
- **ZINGYOU** ZY-801 microphone
- Shock mount
- 3.5mm to XLR female cable
- Tabletop tripod
- Pop filter

*On the basis of the original,  
add an extra USB sound adapter  
which is necessary for providing enough power.*



Image: All components included in the ZINGYOU ZY-801+ Condenser Microphone package.

## SETUP INSTRUCTIONS

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Follow these steps to set up your ZINGYOU ZY-801+ microphone for recording:

1. **Assemble the Tripod and Shock Mount:** Unfold the desktop tripod and securely attach the shock mount to its top.
2. **Mount the Microphone:** Carefully place the ZY-801+ microphone into the shock mount. The shock mount helps to isolate the microphone from physical vibrations that could cause unwanted noise.
3. **Attach the Pop Filter:** Secure the pop filter to the tripod or desk using its C-clamp. Position the flexible gooseneck so the pop filter is approximately 2-3 inches in front of the microphone. The pop filter reduces plosive sounds (like 'p' and 'b') and protects the microphone capsule.
4. **Connect the XLR Cable:** Connect the 1/8" TRS Stereo to XLR Female cable to the microphone's XLR port.
5. **Connect to Computer:**
  - **Using the USB Sound Adapter (Necessary for most PCs/Laptops):** Plug the 1/8" TRS end of the XLR cable into the input of the provided USB sound adapter. Then, plug the USB sound adapter into an available USB port on your computer (PC, Mac, or Laptop). This adapter provides necessary power and converts the analog signal to digital.
  - **Using an Audio Interface/Phantom Power (Optional for higher quality):** If you have an external audio interface with 48V phantom power, connect the XLR cable directly from the microphone to the XLR input on your audio interface. Ensure phantom power is activated on the interface. This setup is recommended for professional-grade sound.
6. **Install Microphone Windscreen:** Place the foam windscreen over the microphone head. This helps reduce wind noise and light plosives.
7. **Configure Audio Settings:** On your computer, navigate to your sound settings (e.g., Windows Sound Settings, macOS System Preferences > Sound). Select the ZINGYOU microphone (or the USB Audio Device/your audio interface) as the input device. Adjust input levels as needed.



Image: Diagram illustrating connection options for the ZY-801+ microphone, including direct USB sound adapter connection to PC/Mac/Laptop and an optional phantom power setup.

# Improvements on ZY-801 Microphone

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## NOISE ELIMINATION CONSTRUCTION

*Two-layer all-metal denser-net mic head  
Upgraded microphone core*

2

## WIDE FREQUENCY RESPONSE

*Metallic body structure  
Broad frequency response(20Hz to 20kHz)*

3

## 3.5MM(1/8 INCH) TRS TO XLR CABLE

*Flexible PVC jacket with gold-plated connectors  
Frequent unplugging and durability  
Long cale life*

Image: The ZY-801+ microphone, shock mount, and pop filter assembled on its desktop tripod, connected to a laptop.

## OPERATING INSTRUCTIONS

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The ZINGYOU ZY-801+ is a cardioid condenser microphone, designed to capture sound primarily from the front while minimizing pickup from the sides and rear. This polar pattern is ideal for:

- **Vocal Recording:** Position the microphone directly in front of the speaker or singer.
- **Instrument Recording:** Aim the microphone at the sound source of the instrument.
- **Podcasting and Broadcasting:** Maintain a consistent distance from the microphone for clear voice capture.

For optimal sound quality, speak or sing directly into the front of the microphone, typically indicated by the ZINGYOU logo. The pop filter should be between your mouth and the microphone to prevent harsh 'p' and 'b' sounds.



Image: Technical specifications and polar pattern diagram for the ZY-801+ microphone, showing its cardioid pickup pattern.



Image: Details on the ZY-801+ microphone's enhanced features, including its two-layer denser-net mic head, upgraded capsule, metallic body, and robust XLR cable.

## MAINTENANCE

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Proper maintenance ensures the longevity and performance of your ZINGYOU ZY-801+ microphone:

- **Cleaning:** Use a soft, dry cloth to wipe the microphone body. Avoid using liquid cleaners or solvents, as they can damage the microphone's components.
- **Storage:** When not in use, store the microphone in a dry, dust-free environment. Disassemble the pop filter and shock mount if storing for extended periods.
- **Handling:** Handle the microphone carefully. Avoid dropping it or exposing it to extreme temperatures or humidity.
- **Cable Care:** Do not bend or crimp the XLR cable excessively. Store cables neatly to prevent damage.



Image: Details on the foldable desktop tripod (metal construction, stability) and the flexible nylon pop filter (sponge cushion, flexible neck for adjustment).

## TROUBLESHOOTING

If you encounter issues with your ZINGYOU ZY-801+ microphone, refer to the following common problems and solutions:

- **No Sound or Very Low Volume:**
  - **Check Connections:** Ensure all cables are securely connected. The XLR cable should be firmly plugged into both the microphone and the USB sound adapter or audio interface.
  - **USB Sound Adapter:** Verify the USB sound adapter is correctly plugged into a working USB port on your computer.
  - **Computer Settings:** Confirm that the correct microphone input device is selected in your computer's sound settings and that the input volume is turned up.
  - **Phantom Power:** Condenser microphones often require 48V phantom power. While the included USB sound adapter provides basic power, for optimal performance and volume, an external audio interface with phantom power may be necessary. If using an interface, ensure phantom power is enabled.
  - **Software Sensitivity:** Adjust the microphone sensitivity (gain) within your recording software or operating system settings.
- **Buzzing or Static Noise:**
  - **Cable Interference:** Ensure the microphone cable is not running parallel to power cables or other sources of electromagnetic interference.
  - **Ground Loop:** A ground loop can cause buzzing. Try plugging your computer and audio equipment into the same power strip.
  - **Software Settings:** In your computer's sound settings, check for and enable noise suppression or acoustic echo cancellation if available.
  - **Faulty Cable:** Test with a different XLR cable if possible, as a damaged cable can introduce noise.
- **Pop Filter Arm Does Not Stay in Place:**
  - **Tighten Clamp:** The pop filter arm typically screws onto its bracket. Ensure this screw is tightened to secure the arm's position.

## SPECIFICATIONS

Feature	Specification
Model Name	ZY-801+
Microphone Form Factor	Table Array
Polar Pattern	Unidirectional (Cardioid)
Frequency Response	20Hz - 20kHz
Sensitivity	-34dB ± 3dB
Max SPL	130dB (THD≤1% 1KHz)

Feature	Specification
Signal-to-Noise Ratio	78 dB
Power Required/Consumption	5V 150mA
Output	XLR
Output Impedance	150Ω + 30%
Cable Length	8.2ft / 250mm
Weight	2.38 pounds (1080g)
Product Dimensions (L x W x H)	10.24 x 3.94 x 7.87 inches (260 x 100 x 200 mm)
Material	Metal (Aluminium alloy body)
Color	Matte Black
Connectivity Technology	XLR
Compatible Devices	Personal Computer

## WARRANTY AND SUPPORT

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ZINGYOU provides the following support for your ZY-801+ Condenser Microphone:

- **7-Day No Reason Return:** From the date of receiving the product.
- **1-Year Warranty:** Quality guarantee for one year from the date of purchase.
- **Customer Service:** 24-hour friendly customer service and email support are available for any inquiries or assistance.

For further assistance, please contact ZINGYOU customer support through the retailer's platform or the official ZINGYOU website.