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› Alvoxcon A-8 Lavalier Microphone User Manual

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Model: A-8

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Alvoxcon A-8 Lavalier Microphone. Please read this guide thoroughly before using the product to ensure optimal performance and longevity.

The Alvoxcon A-8 is a compact, clip-on condenser microphone designed for clear audio recording. It features a 3.5mm connector for compatibility with various recording devices, including Alvoxcon TG1, TG3, UM3, and UM4 systems.

2. PRODUCT FEATURES AND COMPONENTS

The Alvoxcon A-8 lavalier microphone is engineered with several key components to deliver high-quality audio capture. Below is an exploded view illustrating its internal structure and features.



Image Description: An exploded diagram of the Alvoxcon A-8 lavalier microphone. From top to bottom, the components are:

- **Professional Sound Chipset:** The core audio processing unit.
- **Air Filter:** Reduces plosives and breath noises.
- **Black Plate:** Structural component.
- **Diaphragm:** The sensitive element that converts sound waves into electrical signals.
- **Copper Ring:** Provides structural support and electrical conductivity.
- **Built-in PCB (Printed Circuit Board):** Contains the electronic circuitry.
- **RF Low Noise Chip:** Minimizes radio frequency interference for cleaner audio.
- **Anti-interference Shielded Cable:** Protects the audio signal from external electromagnetic interference.

3. SETUP INSTRUCTIONS

1. **Connect the Microphone:** Insert the 3.5mm connector of the Alvoxcon A-8 microphone firmly into the microphone

- input jack of your recording device (e.g., camera, smartphone, audio recorder, or compatible Alvoxcon wireless transmitter like TG1, TG3, UM3, UM4). Ensure the connection is secure.
2. **Attach the Clip:** Use the integrated clip to attach the microphone to your clothing, typically near the chest area, about 6-8 inches (15-20 cm) from your mouth. This placement helps capture clear voice audio while minimizing ambient noise.
 3. **Secure the Cable:** Route the microphone cable discreetly and securely to prevent it from snagging or creating noise during recording.
 4. **Test Connection:** Before recording, perform a quick audio test to ensure the microphone is properly connected and functioning.

4. OPERATING INSTRUCTIONS

- **Microphone Placement:** For optimal sound quality, position the microphone approximately 6-8 inches (15-20 cm) from the sound source (e.g., speaker's mouth). Avoid placing it too close, which can cause distortion, or too far, which can result in faint audio and increased background noise.
- **Minimize Clothing Noise:** Ensure the microphone cable and clip do not rub against clothing, as this can create unwanted rustling sounds in your recording.
- **Monitor Audio:** If your recording device allows, use headphones to monitor the audio input from the microphone in real-time. This helps identify and correct any issues before recording.
- **Environmental Considerations:** Record in a quiet environment whenever possible to reduce background noise. The condenser design is sensitive and will pick up surrounding sounds.

5. MAINTENANCE

- **Cleaning:** Gently wipe the exterior of the microphone with a soft, dry cloth. Do not use liquid cleaners or solvents, as they can damage the microphone's components.
- **Storage:** When not in use, store the microphone in a clean, dry place, away from extreme temperatures and humidity. Avoid tangling the cable.
- **Cable Care:** Do not bend or crimp the cable sharply. Always grasp the plug, not the cable, when disconnecting the microphone.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or very low volume.	• Microphone not fully plugged in. • Incorrect input selected on recording device. • Device volume too low. • Microphone damaged.	• Ensure the 3.5mm jack is fully inserted. • Check your device's audio settings and select the correct microphone input. • Increase the input volume/gain on your recording device. • Test with another device or microphone.

Problem	Possible Cause	Solution
Poor sound quality (e.g., muffled, distorted, excessive background noise).	• Incorrect microphone placement. • Environmental noise. • Clothing rubbing against mic/cable. • Input gain too high (distortion) or too low (noise).	• Adjust microphone placement (6-8 inches from source). • Record in a quieter environment. • Secure the microphone and cable to prevent rubbing. • Adjust input gain on your device.
Interference or buzzing sound.	• Electromagnetic interference from other devices. • Faulty cable or connection.	• Move away from electronic devices (e.g., Wi-Fi routers, power cables). • Ensure the cable is not damaged and the connection is secure.

7. SPECIFICATIONS

Brand: Alvoxcon

Model: A-8

Connectivity Technology: AUX

Connector Type: 3.5mm Terminal

Microphone Form Factor: Lavalier (Clip-on)

Special Feature: Clip

Manufacturer: Alvoxcon

Country of Origin: China

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Alvoxcon website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may visit the [Alvoxcon Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question