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AKG WM82

AKG WM82 Black Microlite Series Wiremesh Protection Cap

Model: WM82

Introduction

The AKG WM82 Black Microlite Series Wiremesh Protection Cap is designed to enhance the performance and longevity of compatible AKG MicroLite Series microphones. This cap provides essential protection against environmental factors such as wind, pop noise, and physical contaminants like dirt and makeup, ensuring clear audio capture and extending the microphone's lifespan.



An image showing the AKG WM82 Black Microlite Series Wiremesh Protection Cap. The cap features a finely woven silver-colored wire mesh dome at the top, designed to protect the microphone's membrane. Below the mesh, there is a textured black cylindrical base, which is the part that attaches to the microphone. The overall design is compact and functional, highlighting its protective purpose.

Setup and Installation

The WM82 wire-mesh protection cap is designed for easy attachment to compatible AKG MicroLite Series omnidirectional microphones. To install, gently align the base of the protection cap with the microphone's head. Apply slight pressure and twist clockwise until the cap is securely fastened. Ensure the cap is firmly in place to prevent accidental detachment during use.

Operating Principles

Once installed, the WM82 cap functions as a crucial barrier for the microphone's membrane. Its finely woven wire mesh effectively diffuses air pressure from plosive sounds (like 'p' and 'b' sounds), significantly reducing 'pop' noise. Additionally, it minimizes wind noise in outdoor or breezy environments. The mesh also acts as a physical shield, preventing dust, dirt, and makeup from reaching and potentially damaging the sensitive microphone element, thereby maintaining optimal audio quality and extending the microphone's lifespan.

Maintenance and Care

To ensure the longevity and effectiveness of your WM82 protection cap, regular maintenance is recommended.

1. **Cleaning the Mesh:** If the wire mesh accumulates dust or debris, gently wipe it with a soft, dry, lint-free cloth. For more stubborn dirt, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid using harsh chemicals or abrasive materials, as these can damage the finish or the mesh structure.
2. **Inspecting for Damage:** Periodically inspect the cap for any signs of damage, such as dents in the mesh or cracks in the base. A damaged cap may not provide adequate protection.
3. **Storage:** When not in use, store the cap in a clean, dry environment, preferably with the microphone, to prevent dust accumulation and physical damage.

Always ensure the cap is completely dry before reattaching it to the microphone.

Troubleshooting

This section addresses common concerns regarding the AKG WM82 protection cap.

- **Cap Does Not Fit:** Ensure that your microphone is an AKG MicroLite Series omnidirectional model. The WM82 cap is specifically designed for these microphones. Do not force the cap, as this may damage both the cap and the microphone.
- **Insufficient Pop/Wind Noise Reduction:** Verify that the cap is securely and correctly attached to the microphone. If the issue persists, check the microphone's placement relative to the sound source and environmental conditions. In extremely windy conditions, additional wind protection may be necessary.
- **Visible Dirt/Debris on Microphone Membrane (despite cap):** While the cap offers significant protection, microscopic particles can still pass through over time. Follow the maintenance instructions for cleaning the cap. If the microphone membrane itself is dirty, consult the microphone's specific cleaning instructions or contact AKG support.

Specifications

Feature	Detail
Brand	AKG

Feature	Detail
Model	WM82
Color	Black
ASIN	B018SU088M
Date First Available	August 30, 2022
Connectivity Technology	Wired (for compatible microphone)
Included Components	Microphone (compatible with)
Polar Pattern	Omnidirectional (for compatible microphone)
Power Source	Corded Electric (for compatible microphone)
Manufacturer	AKG

Warranty and Support

For warranty information and technical support regarding your AKG WM82 Black Microlite Series Wiremesh Protection Cap, please refer to the documentation included with your AKG MicroLite Series microphone or visit the official AKG website. Contacting AKG customer service directly will provide the most accurate and up-to-date support information.

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