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> P110 Pop Killer with Gooseneck User Manual

hakan P110

User Manual

HAKAN P110 POP KILLER WITH GOOSENECK

1. INTRODUCTION

The hakan P110 Pop Killer is an essential accessory designed to improve the quality of vocal recordings by effectively preventing plosive sounds (harsh 'p' and 'b' sounds) without introducing unwanted coloration or distortion. Its unique hydrophobic foam construction repels moisture, ensuring consistent performance, while the minimalist wire holder avoids diffraction effects common with inferior pop filters. This manual provides detailed instructions for the setup, operation, and maintenance of your P110 Pop Killer.

2. PRODUCT FEATURES

- **Effective Plosive Prevention:** Designed to eliminate harsh plosive sounds from vocal recordings.
- **No Added Coloration:** Engineered to maintain the natural tone of your audio without distortion.
- **Hydrophobic Foam Construction:** Specially selected foam repels water, preventing moisture-related distortion.
- **Minimalist Wire Holder:** Reduces diffraction effects for sonically transparent performance.
- **Washable Foam Disk:** The foam element can be easily cleaned for improved hygiene and longevity.
- **Flexible Gooseneck:** Allows for precise positioning of the pop filter.
- **Secure Clamp:** Attaches firmly to microphone stands or desks.

3. SETUP INSTRUCTIONS

Follow these steps to properly set up your hakan P110 Pop Killer:

1. **Unpack Components:** Carefully remove the P110 Pop Killer and its gooseneck clamp from the packaging.
2. **Attach Clamp:** Identify a suitable mounting point on your microphone stand or desk. Loosen the clamp screw by turning the knob counter-clockwise. Position the clamp jaws around the stand or desk edge and tighten the screw clockwise until the clamp is securely fastened. Ensure it is stable and will not slip.
3. **Position Pop Filter:** The gooseneck allows for flexible positioning. Bend the gooseneck to place the pop filter

approximately 2-6 inches (5-15 cm) in front of your microphone. The exact distance may vary based on microphone type and vocal technique.

4. **Align Filter:** Ensure the pop filter is centered directly between the speaker's mouth and the microphone. This optimal alignment maximizes its effectiveness in catching plosives.





Figure 1: The hakan P110 Pop Killer showing its foam filter, flexible gooseneck, and clamp for attachment to a microphone stand or desk.

4. OPERATING INSTRUCTIONS

Once set up, the hakan P110 Pop Killer operates passively to improve your audio quality:

- **Recording Vocals:** Speak or sing into the microphone as you normally would, ensuring your mouth is positioned correctly relative to the pop filter and microphone.
- **Plosive Reduction:** The P110's specialized foam will diffuse the air pressure from plosive sounds before they reach the microphone, preventing harsh pops and thumps in your recording.
- **Moisture Protection:** The hydrophobic nature of the foam will repel breath moisture, preventing it from accumulating on the filter and causing distortion or coloration.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your P110 Pop Killer:

- **Cleaning the Foam Disk:** The foam disk can be easily removed from its wire holder for cleaning. Gently pull the foam disk away from the wire frame.
- **Washing:** Wash the foam disk with mild soap and lukewarm water. Gently squeeze to remove dirt and excess water.
- **Drying:** Allow the foam disk to air dry completely before reattaching it to the wire holder. Do not use heat to dry.
- **Reassembly:** Once dry, carefully reinsert the foam disk into the wire holder, ensuring it is securely seated.
- **General Care:** Periodically check the gooseneck and clamp for any signs of wear or loosening. Tighten the clamp screw if necessary.

6. TROUBLESHOOTING

If you encounter issues with your P110 Pop Killer, refer to the following common problems and solutions:

- **Problem:** Still hearing plosives in recordings.
 - **Solution 1:** Adjust the distance between the pop filter and the microphone. Try moving it slightly closer to the microphone (but not touching).
 - **Solution 2:** Ensure the pop filter is directly in the path of the airflow from the speaker's mouth to the microphone.
 - **Solution 3:** Check the speaker's vocal technique. Some plosives can be reduced by slight adjustments in speaking/singing style.

- **Problem:** Pop filter is not staying in position.
 - **Solution 1:** Tighten the clamp screw securely to the microphone stand or desk.
 - **Solution 2:** Ensure the gooseneck is not overextended or bent at an extreme angle that puts too much strain on the clamp.
- **Problem:** Foam disk appears dirty or discolored.
 - **Solution:** Follow the cleaning instructions in the Maintenance section to wash and dry the foam disk.

7. SPECIFICATIONS

Attribute	Detail
Model	P110
Item Weight	9 ounces
Product Dimensions	12.3 x 7.5 x 2.1 inches
ASIN	B0CBLB8MCB
Date First Available	January 25, 2019

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please refer to the official hakan website or contact your point of purchase. Keep your proof of purchase for any warranty claims.