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> Stabo Replacement Microphone Model 7055 User Manual for XM 3200/3400/3044/3082/4082

Stabo 7055

Stabo Replacement Microphone Model 7055 User Manual

For XM 3200, XM 3400, XM 3044, XM 3082, and XM 4082 Radio Systems

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your Stabo Model 7055 replacement microphone. This microphone is designed as a direct replacement for specific Stabo XM series radio systems, including models 3200, 3400, 3044, 3082, and 4082. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

2. PRODUCT FEATURES

- **Electret Capsule:** Equipped with an electret capsule for clear audio transmission.
- **4-Pin Connector:** Features a standard 4-pin connector for direct compatibility with specified Stabo XM radio systems.
- **Direct Power Supply:** Powered directly via the microphone socket of the radio system, eliminating the need for external batteries.
- **Compact Design:** Approximate dimensions of 70 x 60 x 30 mm for comfortable handling.
- **Durable Construction:** Designed for reliable performance as a replacement unit.

3. PACKAGE CONTENTS

The Stabo Model 7055 replacement microphone package includes:

- 1x Stabo Model 7055 Replacement Microphone with integrated 4-pin connector.

No additional accessories or cables are typically included as the unit is designed for direct replacement.

4. SETUP AND INSTALLATION

Follow these steps to properly install your Stabo Model 7055 replacement microphone:

1. **Power Off Radio:** Ensure your Stabo XM radio system (e.g., XM 3200, 3400, 3044, 3082, 4082) is completely powered off before connecting or disconnecting any accessories.
2. **Locate Microphone Port:** Identify the 4-pin microphone port on your radio system. This is typically located on the front panel.

3. **Connect Microphone:** Align the 4-pin connector of the replacement microphone with the radio's microphone port. Gently push the connector in until it is firmly seated. Do not force the connection.
4. **Secure Connection:** If your radio's port has a locking mechanism (e.g., a screw collar), tighten it clockwise to secure the microphone connector.
5. **Power On Radio:** Once the microphone is securely connected, you may power on your Stabo XM radio system.



Image 1: The Stabo Model 7055 replacement microphone, showing its compact black housing, coiled cable, and 4-pin connector. This image illustrates the complete unit ready for connection to a compatible radio system.

5. OPERATING INSTRUCTIONS

Using your Stabo Model 7055 microphone is straightforward:

1. **Hold Microphone:** Hold the microphone comfortably in your hand, ensuring the speaker grille (if present) and microphone capsule are facing towards your mouth.
2. **Press PTT Button:** To transmit, press and hold the Push-To-Talk (PTT) button, typically located on the side of the microphone housing. Speak clearly into the microphone.
3. **Release PTT Button:** Release the PTT button when you have finished speaking to return to receive mode.
4. **Volume Control:** Adjust the audio output volume using the controls on your Stabo XM radio system, not on the microphone itself.

For specific radio functions such as channel selection or squelch control, refer to the user manual of your Stabo XM radio system.

6. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your microphone, follow these maintenance guidelines:

- **Cleaning:** Wipe the microphone's exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the electronics.
- **Storage:** Store the microphone in a dry, cool place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid sharp bends or kinks in the coiled cable. Do not pull the microphone by its cable.
- **Connector Protection:** Keep the 4-pin connector clean and free from dust or debris.

7. TROUBLESHOOTING

If you encounter issues with your Stabo Model 7055 microphone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No audio transmission.	Microphone not properly connected. Radio not powered on. Faulty microphone or radio port.	Ensure the 4-pin connector is fully inserted and secured. Verify the radio system is powered on. Test with another known-good microphone if available, or consult a service technician.
Distorted or low audio.	Microphone capsule obstructed. Radio audio settings incorrect. Damaged cable.	Check for debris on the microphone grille. Adjust microphone gain or volume settings on your radio. Inspect the cable for visible damage.
Microphone feels loose.	Connector not fully secured.	Tighten the screw collar on the 4-pin connector if applicable.

If the problem persists after attempting these solutions, contact Stabo customer support or a qualified service technician.

8. SPECIFICATIONS

Model Number	7055
Brand	Stabo
Compatibility	Stabo XM 3200, XM 3400, XM 3044, XM 3082, XM 4082
Connector Type	4-pin
Microphone Type	Electret capsule
Power Source	Wired (via radio's microphone socket)
Color	Black
Approximate Dimensions	70 x 60 x 30 mm

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms for the Stabo Model 7055 replacement microphone is not available in the provided product details. For warranty inquiries, technical support, or service, please contact your Stabo product retailer or visit the official Stabo website for the most current information.

Manufacturer: Stabo

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