

Sennheiser 502577

Sennheiser MMD 935-1 Dynamic Cardioid Microphone Module User Manual

Model: 502577

1. INTRODUCTION

The Sennheiser MMD 935-1 is a dynamic cardioid microphone module designed for seamless integration with Sennheiser evolution wireless G3 or 2000 Series SKM handheld transmitters. This module is based on the acclaimed E935 dynamic vocal microphone, offering high sound pressure level handling and effective feedback rejection. Its design ensures uniform on-axis and off-axis response, making it suitable for various vocal applications. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your MMD 935-1 microphone module.

2. SAFETY INFORMATION

Please read these safety instructions carefully before using the MMD 935-1 microphone module. Keep this manual for future reference.

- **Environmental Conditions:** Do not expose the device to rain, moisture, or extreme temperatures.
- **Cleaning:** Use a dry, soft cloth for cleaning. Do not use liquid cleaners or solvents.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to disassemble or repair the module yourself.
- **Compatibility:** Ensure the module is used only with compatible Sennheiser G3 or 2000 Series SKM handheld transmitters as specified.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Sennheiser MMD 935-1 Dynamic Cardioid Microphone Module
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

The MMD 935-1 microphone module is designed for quick and easy installation onto compatible Sennheiser SKM

handheld transmitters without the need for special tools.

1. **Prepare the Transmitter:** Ensure your Sennheiser G3 or 2000 Series SKM handheld transmitter is powered off before beginning installation.
2. **Remove Existing Module (if applicable):** If a different microphone module is currently attached, gently unscrew it counter-clockwise from the transmitter body until it detaches.
3. **Attach the MMD 935-1 Module:** Align the MMD 935-1 module with the threaded connection point on the transmitter. Carefully screw the module clockwise onto the transmitter body until it is securely fastened. Do not overtighten.
4. **Verify Connection:** Ensure the module is firmly seated and there is no wobble. The electrical contacts should be fully engaged.



Image showing the Sennheiser MMD 935-1 microphone module, highlighting its black mesh grille and the gold-colored contact points at the base for connection to a wireless transmitter.

5. OPERATING INSTRUCTIONS

Once the MMD 935-1 module is installed on your compatible SKM transmitter, follow these general guidelines for optimal performance:

- **Power On:** Power on your SKM handheld transmitter and the associated wireless receiver.

- **Frequency Synchronization:** Ensure the transmitter and receiver are synchronized to the same frequency channel according to your wireless system's instructions.
- **Microphone Placement:** For vocal applications, hold the microphone approximately 2-6 inches (5-15 cm) from the sound source. The cardioid pickup pattern is most sensitive directly in front of the microphone, minimizing sound from the sides and rear.
- **Gain Adjustment:** Adjust the gain settings on your transmitter and/or mixing console to achieve a strong signal without clipping or distortion. The MMD 935-1 can handle high sound pressure levels.
- **Feedback Prevention:** Position stage monitors and loudspeakers to avoid pointing directly at the microphone's front. The module's effective feedback rejection helps, but proper stage monitoring setup is crucial.

6. MAINTENANCE

Proper care will extend the life and performance of your microphone module.

- **Cleaning the Grille:** Periodically wipe the microphone grille with a soft, dry, lint-free cloth. For stubborn residue, a slightly damp cloth (water only) can be used, ensuring no moisture enters the microphone capsule.
- **Storage:** When not in use, store the microphone module in a protective case or bag to prevent dust accumulation and physical damage.
- **Avoid Impact:** Protect the module from drops or impacts, which can damage the internal components.

7. TROUBLESHOOTING

If you encounter issues with your MMD 935-1 module, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or low output	Module not securely attached; Transmitter/receiver not powered on; Incorrect gain settings; Frequency mismatch.	Ensure module is tightly screwed on. Check power for transmitter and receiver. Adjust gain levels. Verify transmitter and receiver are on the same frequency.
Distorted sound	Input gain too high; Damaged module.	Reduce gain on transmitter or mixing console. If distortion persists, the module may require servicing.
Excessive feedback	Microphone too close to loudspeakers; High gain settings; Room acoustics.	Reposition microphone and loudspeakers. Reduce gain. Consider using a graphic equalizer to cut problematic frequencies.

If the problem persists after attempting these solutions, please contact Sennheiser customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	502577
Microphone Type	Dynamic
Polar Pattern	Cardioid

Feature	Detail
Form Factor	Handheld Microphone Module
Compatibility	Sennheiser evolution wireless G3 or 2000 Series SKM handheld transmitters
Audio Sensitivity	154 Decibels (SPL handling)
Signal-to-Noise Ratio	25 dB
Item Weight	0.22 Pounds (approx. 3.52 ounces)
Product Dimensions (L x W x H)	4 x 3.25 x 2.5 inches
Manufacturer	Sennheiser

9. WARRANTY AND SUPPORT

Sennheiser products are manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your original transmitter purchase or visit the official Sennheiser website. For technical support, troubleshooting assistance, or service inquiries, please contact Sennheiser customer support through their official website or authorized service centers. Keep your proof of purchase and model number (MMD 935-1, Model 502577) readily available when seeking support.

Sennheiser Official Website: www.sennheiser.com