

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [MIPRO](#) /
- › [MIPRO MU-55HN Headset Microphone Instruction Manual](#)

MIPRO MU-55HN

MIPRO MU-55HN Headset Microphone

INSTRUCTION MANUAL

Introduction

Thank you for choosing the MIPRO MU-55HN Headset Microphone. This manual provides essential information for the proper setup, operation, and maintenance of your device. The MU-55HN features an omnidirectional capsule for excellent off-axis response, capturing sound from all directions. Its flexible and durable headset frame, combined with comfortable, soft ear-hooks, ensures a secure and ideal fit for extended use.

Please read this manual thoroughly before using the microphone to ensure optimal performance and longevity.

Product Overview

The MIPRO MU-55HN is a wired headset microphone designed for clear audio capture. It is equipped with an omnidirectional condenser capsule, making it suitable for various vocal applications where consistent sound pickup is desired regardless of head movement.



Image: The MIPRO MU-55HN headset microphone, featuring a slender boom arm and ear-hooks for secure placement.

The headset is designed for comfort and stability, allowing users to wear it for extended periods without discomfort. It connects via a 3.5 mm jack, compatible with a wide range of audio equipment.

Setup

1. **Unpack the Microphone:** Carefully remove the MU-55HN headset microphone from its packaging. Inspect for any visible damage.
2. **Connect to Audio Device:** Locate the 3.5 mm jack connector on the microphone cable. Plug this connector into the corresponding 3.5 mm microphone input port on your audio device (e.g., transmitter, mixer, amplifier, or computer sound card). Ensure the connection is secure.
3. **Position the Headset:** Place the headset over your ears, ensuring the ear-hooks sit comfortably and securely behind your ears. The flexible frame allows for minor adjustments to fit different head sizes.
4. **Adjust Microphone Boom:** Gently bend the microphone boom arm to position the microphone capsule approximately 1-2 cm (0.4-0.8 inches) from the corner of your mouth. Avoid placing it directly in front of your mouth to minimize plosive sounds.
5. **Secure the Cable:** Route the microphone cable in a way that prevents it from snagging or interfering with your movement. Use cable clips if necessary to secure it to clothing.

Operating Instructions

- 1. Power On Your Audio Device:** Ensure your connected audio device (e.g., transmitter, mixer) is powered on and configured for microphone input.
- 2. Set Input Gain:** Adjust the input gain or volume level on your audio device. Start with a low gain setting and gradually increase it while speaking into the microphone at your normal speaking volume. Monitor the audio levels to prevent clipping or distortion.
- 3. Perform a Sound Check:** Speak or sing into the microphone as you would during normal use. Listen to the output through your monitoring system (headphones or speakers) to ensure clear audio and appropriate volume levels.
- 4. Optimal Placement:** Due to its omnidirectional polar pattern, the MU-55HN picks up sound from all directions. Maintain consistent distance from the microphone for stable audio levels.
- 5. Avoid Feedback:** If using speakers, position them away from the microphone to prevent audio feedback. Adjust microphone gain and speaker volume as needed.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone boom and headset frame after each use. For stubborn grime, a slightly damp cloth with mild soap can be used, ensuring no moisture enters the microphone capsule.
- **Storage:** Store the microphone in a clean, dry place, preferably in its original packaging or a protective case, to prevent dust accumulation and physical damage.
- **Cable Care:** Avoid sharply bending or twisting the microphone cable. Coil it loosely when storing to prevent internal wire damage.
- **Handling:** Handle the microphone gently. Avoid dropping it or subjecting it to strong impacts, which can damage the delicate internal components.

Troubleshooting

Problem	Possible Cause	Solution
No sound output	Microphone not properly connected; Audio device input gain too low; Audio device not powered on.	Ensure 3.5 mm jack is fully inserted; Increase input gain on audio device; Verify audio device is powered on.
Low or distorted sound	Incorrect gain setting; Microphone too far from mouth; Damaged cable.	Adjust input gain; Reposition microphone closer to mouth (1-2 cm); Inspect cable for damage, replace if necessary.
Feedback (squealing sound)	Microphone too close to speakers; High gain setting.	Move microphone further from speakers; Reduce input gain or speaker volume.
Headset discomfort	Improper fit or adjustment.	Adjust the flexible frame and ear-hooks for a more comfortable and secure fit.

Specifications

Model Number	MU 55-HNS
Brand	MIPRO
Microphone Form Factor	Headset
Polar Pattern	Omnidirectional
Connectivity Technology	Wired
Connector Type	3.5 mm Jack
Special Feature	XLR (Note: Primary connector is 3.5mm Jack)
Audio Sensitivity	49 Decibels
Compatible Devices	Speaker
Included Components	Microphone
Power Source	Corded Electric
Number of Channels	1
Item Weight	12 pounds

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official MIPRO website. Warranty terms and conditions may vary by region and retailer.

If you encounter issues not covered in this troubleshooting section, please contact MIPRO customer support or your authorized dealer for assistance.