Pronomic DM-58-B

Pronomic DM-58-B Vocal Microphone User Manual

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Pronomic DM-58-B Vocal Microphone. The DM-58-B is a dynamic microphone designed for a variety of applications, including vocal performances, public speaking, and recording. Its supercardioid polar pattern helps to minimize feedback, and its robust construction ensures reliability.

2. PRODUCT OVERVIEW

The Pronomic DM-58-B microphone set includes the dynamic microphone, a stand adapter, and a protective carrying case.

Figure 2.1: Front view of the Pronomic DM-58-B Vocal Microphone, showing the grille and main body.

Figure 2.2: Angled view of the microphone, highlighting the ON/OFF switch on the body.

Figure 2.3: Bottom view of the microphone, showing the 3-pin XLR output connector.

Figure 2.4: The included microphone stand adapter, used to mount the microphone onto a stand.

Figure 2.5: All components of the Pronomic DM-58-B set: microphone, stand adapter, and protective carrying case.

3. SETUP

1. **Unpack Components:** Carefully remove the microphone, stand adapter, and carrying case from their packaging.

2. **Attach Stand Adapter:** Screw the microphone stand adapter onto a compatible microphone stand.

3. **Mount Microphone:** Gently insert the microphone into the stand adapter. Ensure it is securely held.

4. **Connect XLR Cable:** Connect a standard 3-pin XLR cable (not included) to the XLR output connector at the base of the microphone. Connect the other end of the XLR cable to your audio mixer, amplifier, or audio interface.

5. **Power On (if applicable):** Ensure your connected audio equipment is powered on and configured for microphone input.

4. OPERATING INSTRUCTIONS

1. **Power Switch:** The DM-58-B features an ON/OFF switch on its body. Slide the switch to the 'ON' position to activate the microphone. Slide it to 'OFF' when not in use to prevent unwanted noise and save power on connected devices if applicable.

2. **Microphone Placement:** For optimal sound quality and to minimize feedback, position the microphone approximately 2-6 inches (5-15 cm) from the sound source. Due to its supercardioid polar pattern, the

microphone is most sensitive to sounds directly in front of it and rejects sounds from the sides and rear.

3. **Gain Adjustment:** Adjust the input gain on your mixer or audio interface to achieve a clear signal without clipping (distortion). Start with the gain low and gradually increase it while speaking or singing into the microphone.

4. **Feedback Control:** The supercardioid pattern helps reduce feedback. If feedback occurs, try repositioning the microphone, reducing the monitor volume, or using an equalizer to cut problematic frequencies.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. For the grille, a soft brush can be used to remove dust or debris. Do not use liquid cleaners directly on the microphone.

- **Storage:** When not in use, store the microphone in its protective carrying case to shield it from dust, moisture, and physical damage.

- **Handling:** Avoid dropping the microphone or subjecting it to strong impacts, as this can damage the internal components.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Microphone switch is OFF XLR cable not connected properly Audio equipment input gain too low Faulty XLR cable or audio equipment	Slide switch to ON Ensure cable is fully inserted at both ends Increase input gain on mixer/interface Test with a different cable or equipment
Poor sound quality / Distortion	Input gain too high Microphone too close to sound source Damaged microphone capsule	Reduce input gain Increase distance from sound source Contact support for repair/replacement
Feedback (howling sound)	Microphone too close to speakers/monitors High gain settings Room acoustics	Reposition microphone away from speakers Reduce input gain or master volume Use an equalizer to cut problematic frequencies

7. SPECIFICATIONS

Feature	Specification
Brand	Pronomic
Model Number	DM-58-B (00030708)
Microphone Form Factor	Handheld
Polar Pattern	Supercardioid
Connector Type	XLR
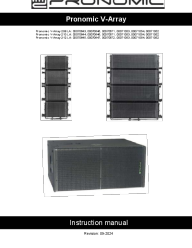
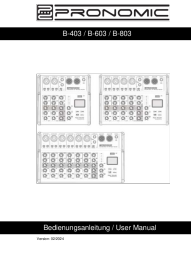| Feature	Specification
Audio Sensitivity	52 Decibels
Signal to Noise Ratio	52 dB
Item Weight	470 g
Power Source	Corded Electric
Included Components	Microphone, Stand Adapter, Carrying Case
Recommended Uses	Live Vocal Performances, Public Speaking, Music Production, Karaoke

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official Pronomic website. Keep your proof of purchase for any warranty claims.

Related Documents - DM-58-B

	PRONOMIC DM-58-B Dynamic Microphone User Manual Comprehensive user manual for the PRONOMIC DM-58-B professional dynamic microphone, detailing its features, specifications, and performance characteristics for vocal and instrument applications.
	PRONOMIC MU100 Instrument Microphone Set User Manual User manual for the PRONOMIC MU100 Instrument Microphone Set, detailing its features, specifications, and how to use the included clips for various instruments.
	Pronomic PH Series & SA Series Subwoofers User Manual - Musikhaus Kirstein GmbH Comprehensive user manual for Pronomic PH12, PH15 active/passive speakers and SA-15 SUB, SA-18 SUB subwoofers. Includes features, technical specifications, safety guidelines, installation, and operation instructions from Musikhaus Kirstein GmbH.
	Pronomic V-Array Loudspeaker System Instruction Manual Detailed instruction manual for the Pronomic V-Array loudspeaker system, including subwoofer and satellite descriptions, wiring diagrams, specifications, DSP presets, safety guidelines, and EU conformity information.

[Pronomic Audiogeräte Handbücher: Boxenstative, Mixer, Lautsprecher](#)

Umfassende Bedienungsanleitungen für Pronomic Audioprodukte, einschließlich SPS-1 Boxenstativen, PowerMake Serie Power Mixern und C-Series passiven Lautsprechern. Enthält technische Details, Sicherheitshinweise und Bedienungsanleitungen.

[Pronomic B-403/B-603/B-803 Mini-Mixer User Manual](#)

This user manual provides detailed instructions for operating the Pronomic B-403, B-603, and B-803 mini-mixers, including information on connections, controls, BT/MP3 player/recorder functions, and technical specifications.