

## Superlux D108SMKII

# Superlux D108SMKII Professional Dynamic Vocal Microphone User Manual

Model: D108SMKII

## 1. INTRODUCTION

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Thank you for choosing the Superlux D108SMKII Professional Dynamic Vocal Microphone. This microphone is engineered for clear, powerful sound reproduction, making it suitable for live performances, studio recording, podcasts, and speech applications. Its super cardioid polar pattern and specially designed shock mount system work together to minimize background noise and handling noise, ensuring your voice or instrument is captured with precision.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your D108SMKII microphone. Please read it thoroughly to ensure optimal performance and longevity of your device.

## 2. KEY FEATURES

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- **Exceptional Noise Reduction:** The D108SMKII features a specially designed shock mount system that minimizes handling noise, ensuring clear, professional-quality sound during live performances or when held.
- **Easy On/Off Control:** A built-in on/off switch provides quick and convenient control for seamless transitions during use.
- **Enhanced Sound Focus:** The super cardioid polar pattern effectively isolates your voice or instrument, rejecting unwanted background noise and delivering higher gain before feedback, ideal for loud environments.
- **Clear and Powerful Sound:** Experience crisp vocals and precise sound reproduction thanks to a carefully tuned frequency response. The high-SPL diaphragm ensures clarity, even at sound pressure levels up to 150 dB.
- **Portable and Built to Last:** Constructed with durable metal and plastic components, the microphone is designed for reliability. It includes a rugged mic clip, a 7-meter XLR cable, and a sturdy leather pouch for easy transport and protection.



**Engineered for Clarity and Control:** This diagram highlights the microphone's ability to significantly increase gain before feedback, its carefully designed frequency response, reduced handling noise, and outstanding transient response with high SPL.



**The Beauty Behind Every Voice:** This image details the microphone's technical aspects, including its frequency response (50Hz-18kHz), super cardioid polar pattern, new capsule-mounted shock system for lower handling noise, outstanding transient response & high SPL, on/off switch, and the included 7-meter cable.

### 3. WHAT'S IN THE BOX

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Upon opening your Superlux D108SMKII package, you should find the following items:

- Superlux D108SMKII Dynamic Vocal Microphone
- Microphone Clip
- 7-meter XLR Audio Cable
- Leather Pouch

# Engineered for Clarity and Control

Tuned for natural vocal tone with focused directionality and more gain before feedback—made to perform, even in loud environments.



Significantly  
Increases  
Gain Before  
Feedback



Carefully  
Designed  
Frequency  
Response



Significantly  
Reduces  
Handling  
Noise



Outstanding  
Transient  
Response  
and High SPL

**Package Contents:** The image displays the Superlux D108SMKII microphone, its mic clip, a leather pouch, and the included 7-meter XLR cable.

## 4. SETUP GUIDE

- Mounting the Microphone:** Attach the microphone to the included mic clip. The clip can then be secured to a standard microphone stand (not included). Ensure the microphone is firmly seated in the clip.
- Connecting the XLR Cable:** Connect one end of the 7-meter XLR cable to the XLR output connector at the base of the microphone. Ensure a secure connection.
- Connecting to Audio Equipment:** Connect the other end of the XLR cable to an appropriate input on your audio interface, mixer, or PA system. Ensure the input is compatible with a dynamic microphone and has an XLR input.
- Powering On:** If your audio equipment requires it, ensure phantom power is **not** activated for this dynamic microphone, as it does not require it and phantom power can potentially damage dynamic microphones if not handled correctly by the equipment.

## 5. OPERATING INSTRUCTIONS

- Using the On/Off Switch:** The microphone features an on/off switch located on its body. Slide the switch to the 'ON' position to activate the microphone and to the 'OFF' position to mute or power down.
- Microphone Placement:** Due to its super cardioid polar pattern, the D108SMKII is highly directional. For optimal sound capture and maximum rejection of off-axis noise, position the microphone directly in front of the sound source (e.g., your mouth for vocals, or an instrument). Experiment with distance to achieve the desired tone and presence.
- Gain Adjustment:** Adjust the input gain on your mixer or audio interface to an appropriate level. Aim for a strong signal without clipping (distortion). The microphone's high SPL capability allows it to handle loud sources without distortion.

4. **Monitoring:** Use headphones or studio monitors to listen to the microphone's output and make fine adjustments to placement and gain.

## The Beauty Behind Every Voice

Every voice is rich, emotional, and uniquely human.  
The D108SMKII captures that beauty with clarity and precision.

**Frequency Response: 50Hz-18kHz**

**Polar Pattern Supercardioid**

**New capsule-mounted shock system for lower handling noise**

**Outstanding transient response & high SPL**

**On/Off Switch**

**Connector Include 7-meter cable**

**Tailored for Every Performance Need:** This image illustrates the versatility of the D108SMKII, showcasing its use in live performances, studio recording, podcasting, and speech applications.

## 6. CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. For the grille, a soft brush can be used to gently remove dust or debris. Avoid using liquid cleaners directly on the microphone.
- **Storage:** When not in use, store the microphone in its included leather pouch to protect it from dust, moisture, and physical damage.
- **Cable Care:** Avoid sharp bends or kinks in the XLR cable. Coil it loosely when storing to prevent internal wire damage.
- **Environmental Conditions:** Keep the microphone away from extreme temperatures, high humidity, and direct sunlight.

## 7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                          | Possible Cause  | Solution   |
|----------------------------------|---|--|
| No Sound Output                  | <p>Microphone switch is OFF.</p> <p>XLR cable not connected properly or faulty.</p> <p>Input gain on mixer/interface too low.</p> <p>Incorrect input selected on audio equipment.</p> | <p>Slide the microphone switch to 'ON'.</p> <p>Check all XLR cable connections. Try a different cable if available.</p> <p>Increase input gain gradually.</p> <p>Verify correct input selection on your audio equipment.</p> |
| Distorted Sound                  | <p>Input gain too high (clipping).</p> <p>Microphone too close to sound source.</p>   | <p>Decrease input gain on your mixer/interface.</p> <p>Increase distance between microphone and sound source.</p>  |
| Excessive Handling Noise         | <p>Improper grip or movement while holding.</p> <p>Microphone not securely seated in clip.</p>  | <p>Ensure a firm, steady grip. Minimize movement.</p> <p>Verify the microphone is properly secured in the mic clip. Consider using a shock mount if handling noise persists in critical applications.</p>                    |
| Feedback (High-pitched squeal)   | <p>Microphone too close to speakers.</p> <p>Monitor volume too high.</p> <p>Excessive gain.</p>   | <p>Reposition microphone further from speakers.</p> <p>Reduce monitor volume.</p> <p>Lower input gain on mixer/interface.</p>  |
| Intermittent Audio / Signal Loss | <p>Faulty XLR cable.</p> <p>Loose internal connection within microphone.</p>  | <p>Replace XLR cable with a known working one.</p> <p>If comfortable with technical repairs, inspect internal wiring.</p> <p>Otherwise, contact Superlux support for assistance.</p>   |

## 8. SPECIFICATIONS

| Feature                 | Detail        |
|-------------------------|---------------|
| Model Name              | D108SMKII     |
| Brand                   | Superlux      |
| Connectivity Technology | XLR           |
| Connector Type          | XLR           |
| Polar Pattern           | Supercardioid |

| Feature                        | Detail   |
|--------------------------------|--|
| Frequency Response             | 50Hz-18kHz   |
| Sensitivity                    | -54 dBV/P (2 mV)   |
| Impedance                      | 200 Ohms   |
| Item Weight                    | 2.42 pounds (1.1 Kilograms)  |
| Product Dimensions (L x W x H) | 11.02 x 5.12 x 8.27 inches   |
| Material                       | Metal, Plastic   |
| Color                          | Black  |
| Recommended Uses               | Indoor/Outdoor, Live Performances, Podcasts, Singing, Studio Recording |
| Special Feature                | Runs on Plug-In Power (via XLR connection to compatible equipment)     |

## 9. PRODUCT OVERVIEW VIDEO

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**Superlux D108MKII Vocal Microphone:** This video provides a brief overview of the Superlux D108MKII Dynamic Vocal Microphone, highlighting its design and features.

## 10. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your Superlux D108SMKII microphone, please contact Superlux customer service directly. Refer to the official Superlux website or your purchase documentation for specific contact details.

You can also visit the [Superlux Store on Amazon](#) for additional product information and support resources.

