

SE ELECTRONICS V7 MC1

SE ELECTRONICS V7 MC1 Wireless Microphone Capsule for Shure Wireless Transmitters

INTRODUCTION

The SE ELECTRONICS V7 MC1 is a high-performance dynamic microphone capsule specifically designed to upgrade your existing Shure wireless handheld transmitters. It provides the acclaimed sound quality of the wired V7 microphone, offering enhanced clarity and feedback rejection for live vocals, speech, and studio recording applications. This manual provides essential information for the proper setup, operation, and maintenance of your V7 MC1 capsule.

KEY FEATURES

- **Natural Vocal Sound:** Delivers crisp and natural vocal clarity, allowing your voice to cut through the mix without harshness.
- **Enhanced Feedback Rejection:** The supercardioid polar pattern and specialized aluminum voice coil provide significant gain before feedback.
- **Gold-Plated Contacts:** Ensures a loss-free and ultra-reliable signal connection for consistent performance.
- **Durable Construction:** Features an all-metal body, dent-proof, corrosion-free spring steel grille, and a beveled edge to prevent rolling.
- **Patented Shockmount System:** Decouples the capsule from mechanical vibration, minimizing handling noise.
- **Switchable Internal Windscreen:** Includes both red and black internal windscreens to minimize wind noise and plosive sounds.



V7 MC1 CAPSULE

FOR SHURE® WIRELESS

Powerful V7 sound, now on your Shure® handheld transmitter



Vast amounts of gain before feedback



Captures your voice in the most natural way on stage



Specialized aluminum voice coil



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Image: Overview of the V7 MC1 Wireless Microphone Capsule highlighting its key features.



Image: Close-up of the V7 MC1 capsule showing its gold-plated contacts for reliable signal transmission.

GOLD-PLATED CONTACTS



Reliable,
loss-free signal



Fully compatible with
Shure® wireless systems



Built to last
for years



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Image: The V7 MC1 capsule demonstrating its robust all-metal, touring-ready construction.

ALL-METAL, TOURING-READY

Durability you can count on,
night after night

- ✓ Rugged zinc alloy body
- ✓ Dent-proof, corrosion-free
- ✓ Beveled edge prevents rolling



Image: Diagram illustrating the custom-designed DMC7 dynamic voice coil within the V7 MC1 capsule.

CUSTOM-DESIGNED DMC7 DYNAMIC VOICE COIL

Capture your voice with
every nuance intact



The sophisticated **supercardioid capsule** with **specialized aluminum voice coil** isolates your voice from other instruments, ensuring **vast amounts of gain before feedback**



Image: The V7 MC1 capsule highlighting its patented shockmount system and switchable internal windscreen for noise reduction.

SETUP AND INSTALLATION

The V7 MC1 capsule is designed for easy installation onto compatible Shure wireless handheld transmitters. Follow these steps to replace your existing microphone capsule:

1. Ensure your Shure wireless transmitter is powered off.
2. Gently unscrew the existing microphone capsule from the top of the transmitter by turning it counter-clockwise.
3. Carefully align the V7 MC1 capsule with the threads on the transmitter.
4. Screw the V7 MC1 capsule onto the transmitter by turning it clockwise until it is securely fastened. Do not overtighten.
5. Power on your Shure wireless transmitter and test the audio.



OPERATION

Once installed, the V7 MC1 capsule operates like any standard dynamic microphone with your Shure wireless system. Its supercardioid polar pattern is highly effective at isolating your voice from other instruments and ambient noise, making it ideal for live performances and environments where sound isolation is crucial. To maximize performance and minimize feedback:

- Hold the microphone close to your mouth, typically within 1-6 inches.
- Point the top of the microphone directly at the sound source.
- Avoid cupping the microphone grille, as this can affect its polar pattern and increase susceptibility to feedback.
- Ensure proper gain staging on your wireless receiver and mixing console to prevent clipping or distortion.

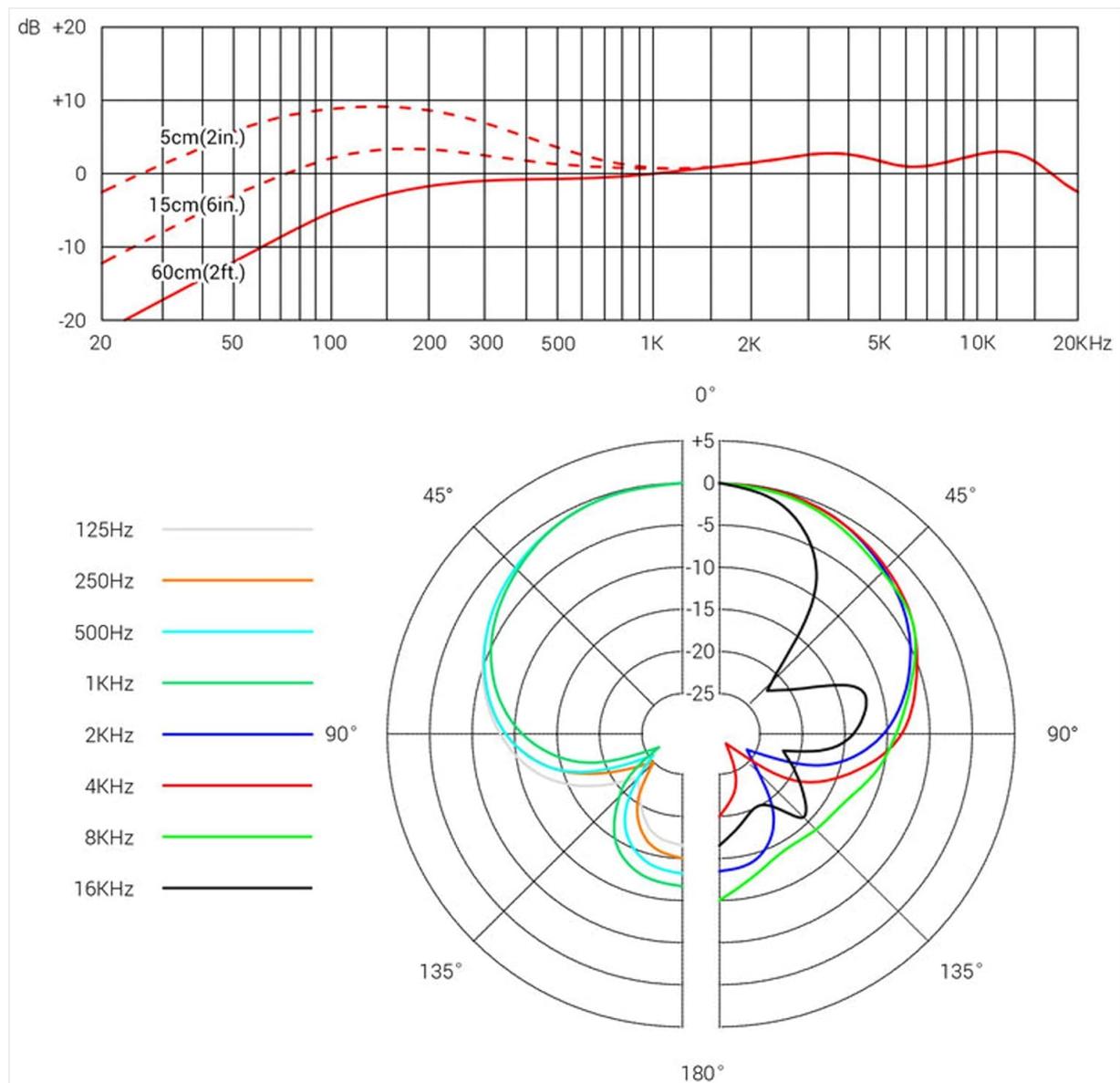


Image: A performer using a microphone equipped with the V7 MC1 capsule, demonstrating typical usage for clear vocal capture.

CARE AND MAINTENANCE

Proper care will ensure the longevity and optimal performance of your V7 MC1 microphone capsule:

- **Cleaning the Grille:** Regularly wipe the microphone grille with a soft, dry cloth to remove dust and debris. For more thorough cleaning, the grille can be carefully unscrewed and cleaned with a mild, non-abrasive cleaner. Ensure it is completely dry before reattaching.
- **Internal Windscreen:** The internal windscreen can be removed and gently hand-washed with mild soap and water if necessary. Allow it to air dry completely before reinserting.
- **Storage:** When not in use, store the capsule in a dry, clean environment, preferably in its original packaging or a protective pouch, to prevent dust accumulation and physical damage.
- **Avoid Moisture:** Do not expose the capsule to excessive moisture or liquids. If it becomes wet, power off the transmitter immediately and allow the capsule to dry thoroughly before use.



Image: A collection of V7 MC1 capsules, illustrating their robust design and ease of maintenance.

TROUBLESHOOTING

If you encounter issues with your V7 MC1 microphone capsule, consider the following common solutions:

- **No Sound/Low Volume:**
 - Ensure the capsule is securely screwed onto the transmitter.

- Check the battery level of your wireless transmitter.
 - Verify that the wireless receiver is powered on and properly connected to your audio system.
 - Adjust gain settings on the transmitter, receiver, and mixing console.
- **Feedback (Squealing Sound):**
 - Reposition the microphone further away from loudspeakers or monitors.
 - Reduce the gain on the mixing console or receiver.
 - Ensure the microphone is not pointed directly at speakers.
 - Utilize the supercardioid pattern effectively by speaking directly into the top of the microphone.
- **Distorted Sound:**
 - Reduce the input gain on the transmitter or mixing console to prevent clipping.
 - Check for any physical damage to the capsule or transmitter.

TECHNICAL SPECIFICATIONS

Specification	Value
Model Name	V7 MC1
Microphone Form Factor	Handheld Capsule
Polar Pattern	Supercardioid (Unidirectional)
Audio Sensitivity	54 Decibels
Frequency Response	19 KHz (Upper limit, typical for dynamic mics)
Signal-to-Noise Ratio	70 dB
Compatible Devices	Shure Wireless Transmitters
Material	Alloy Steel, Zinc
Item Weight	0.23 Kilograms (8.1 ounces)
Product Dimensions (L x W x H)	3.94 x 2.56 x 2.44 inches

REDUCE UNWANTED NOISE

Switchable Internal Windscreen

Effectively minimizes wind noise and plosive pops to keep your sound clear. Prefer an all-black look? In addition to red, a black windscreen is also included

Patented Shockmount System

Keeps your vocals clean, eliminating rumble & distracting handling sounds. Decouples capsule from mechanical vibration for proven low handling noise

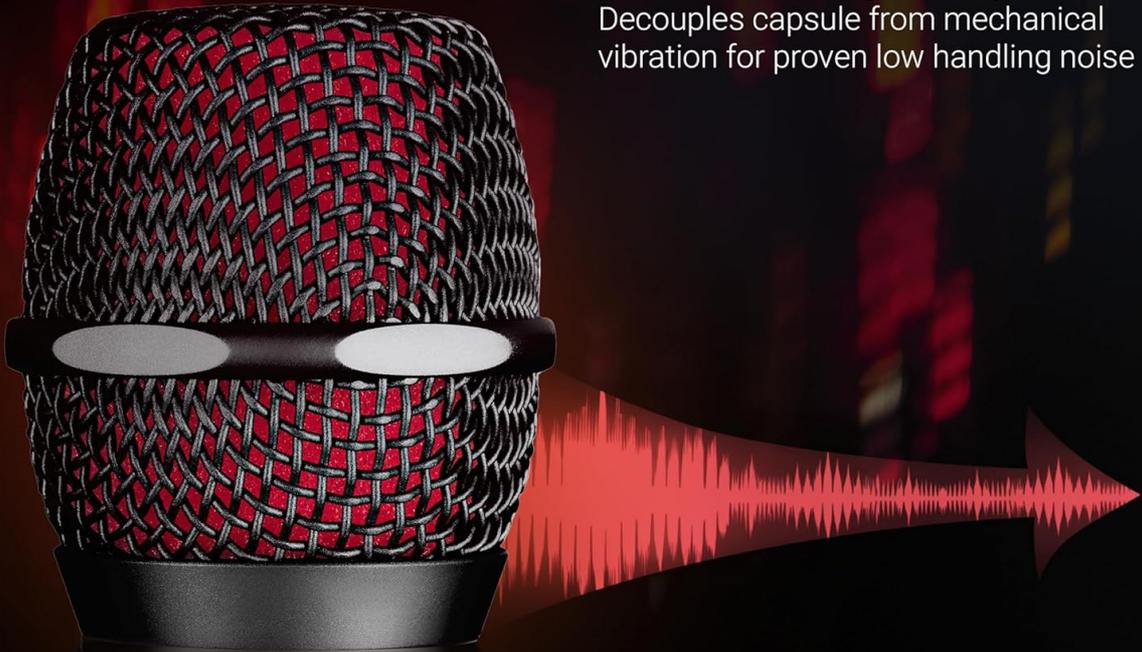


Image: A visual representation of some technical specifications for the V7 MC1 capsule.





Image: Graphs illustrating the frequency response and supercardioid polar pattern of the V7 MC1 capsule.

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official SE ELECTRONICS website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can find more information and contact details on the [SE ELECTRONICS Brand Store](#).