

Genesis Radium 300 Studio XLR

Genesis Radium 300 Studio XLR Professional Microphone User Manual

Model: Radium 300 Studio XLR (NGM-1695)

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Genesis Radium 300 Studio XLR Professional Microphone. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Genesis Radium 300 Studio XLR Microphone
- Articulated Arm (Boom Arm)
- Pop Filter
- Anti-Shock Basket (Shock Mount)
- Sponge Sleeve (Foam Windscreen)
- XLR to 3.5mm Mini Jack Cable (250 cm)

SETUP INSTRUCTIONS

Follow these steps to assemble and connect your microphone system.

1. **Attach the Articulated Arm:** Securely clamp the articulated arm to a stable surface, such as a desk or table, using the integrated clamp. Ensure it is tightened sufficiently to prevent movement.
2. **Mount the Anti-Shock Basket:** Screw the anti-shock basket onto the threaded end of the articulated arm.
3. **Insert the Microphone:** Carefully place the Genesis Radium 300 microphone into the anti-shock basket. The basket is designed to isolate the microphone from vibrations.
4. **Attach the Pop Filter:** Mount the pop filter to the articulated arm or desk using its clamp. Position the pop filter approximately 2-3 inches (5-7 cm) in front of the microphone capsule.

5. **Apply the Sponge Sleeve:** If desired, place the sponge sleeve over the microphone capsule for additional wind noise reduction.
6. **Connect the XLR Cable:** Connect the XLR end of the provided cable to the microphone. Connect the 3.5mm mini jack end to your computer's microphone input or compatible audio interface. For professional studio equipment, an XLR-to-XLR cable (not included) may be required.
7. **Adjust Position:** Adjust the articulated arm and microphone position to your preferred height and distance for optimal sound capture.



Image: The Genesis Radium 300 Studio XLR microphone fully assembled with its articulated arm, shock mount, and pop

filter, ready for use.

OPERATING INSTRUCTIONS

Microphone Placement and Usage

The Radium 300 XLR is a cardioid condenser microphone, meaning it primarily picks up sound from the front, while rejecting sounds from the sides and rear. This characteristic is ideal for vocal recordings, streaming, and podcasting to minimize ambient noise.

- **Optimal Distance:** Position the microphone 6-12 inches (15-30 cm) from the sound source (e.g., your mouth) for clear audio.
- **Pop Filter Function:** The pop filter helps to reduce plosive sounds (like 'p' and 'b') and protects the microphone from moisture. Ensure it is correctly positioned between you and the microphone.
- **Anti-Shock Mount:** The anti-shock basket minimizes vibrations transmitted through the desk or arm, ensuring cleaner recordings.
- **Signal Splitter:** The microphone features a signal splitter, allowing simultaneous connection of headphones via a minijack for monitoring audio.

Software Configuration (PC/Laptop)

After connecting the microphone, you may need to select it as the default recording device in your operating system's sound settings and any recording software you use.

1. **Windows:** Right-click the speaker icon in the taskbar, select "Sound settings," then navigate to the "Recording" tab. Select "Microphone (Realtek High Definition Audio)" or similar, set it as default, and adjust levels.
2. **macOS:** Go to "System Preferences" > "Sound" > "Input." Select the connected microphone and adjust the input volume.
3. **Recording Software:** Within your recording application (e.g., OBS Studio, Audacity, Discord), ensure the Genesis Radium 300 is selected as the audio input device.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body and accessories. Do not use liquid cleaners or solvents.
- **Pop Filter:** The pop filter can be gently cleaned with a damp cloth if necessary. Ensure it is completely dry before reattaching.
- **Storage:** When not in use for extended periods, store the microphone in a clean, dry environment to protect it from dust and moisture.
- **Cable Care:** Avoid sharp bends or kinks in the XLR cable to prevent damage.

TROUBLESHOOTING

No Sound Output:

- Ensure the XLR cable is securely connected to both the microphone and the input device.
- Verify that the microphone is selected as the default recording device in your operating system's sound settings.
- Check the input volume levels in your operating system and recording software.
- Test with a different cable or input port if available.

Poor Sound Quality / Background Noise:

- Ensure the pop filter is correctly positioned to reduce plosives.
- Verify the microphone is securely seated in the anti-shock basket to minimize vibrations.
- Check microphone placement relative to the sound source and ambient noise. The cardioid pattern reduces side and rear noise.
- Adjust gain levels to avoid clipping or excessive background hiss.

Microphone Not Recognized:

- Try connecting the microphone to a different USB port or computer.
- Ensure your operating system drivers are up to date.

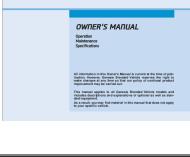
SPECIFICATIONS

Feature	Detail
Microphone Type	Condenser
Polar Pattern	Cardioid (Unidirectional)
Microphone Sensitivity	-38 dB
Frequency Response	30 - 16000 Hz
Impedance	2200 Ohm
Signal-to-Noise Ratio	80 dB
Connectivity Technology	XLR
Connector Type	3.5 mm Jack, XLR
Cable Length	250 cm
Power Source	Corded Electric
Compatible Devices	Laptop, Personal Computer
Item Weight	340 Grams (12 ounces)
Product Dimensions (L x W x H)	26.1 x 20.75 x 4.25 inches
Color	Black/White
Model Number	NGM-1695

WARRANTY AND SUPPORT

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

Related Documents - Radium 300 Studio XLR

	<p>Genesis Krypton 300 Optical Gaming Mouse Quick Installation Guide</p> <p>Get started quickly with the Genesis Krypton 300 optical gaming mouse. This guide covers features, specifications, installation, safety, and warranty information for your new gaming peripheral.</p>
	<p>Genesis Krypton 700 Gaming Mouse Quick Installation Guide</p> <p>Quick installation guide for the Genesis Krypton 700 professional gaming mouse, covering features, specifications, installation steps, system requirements, safety precautions, and warranty information.</p>
	<p>2019 Genesis G70 Owner's Manual: Operation, Maintenance, and Safety Guide</p> <p>Your essential guide to the 2019 Genesis G70. This owner's manual provides detailed information on vehicle operation, safety features, maintenance, and specifications to ensure a safe and optimal driving experience.</p>
	<p>2022 Genesis G70 Owner's Manual</p> <p>Your essential guide to the 2022 Genesis G70. This owner's manual provides detailed information on vehicle operation, safety features, maintenance schedules, and all onboard systems for the Genesis G70 (Model NG90-EU12B).</p>
	<p>Genesis Owner's Manual: Operation, Maintenance, and Specifications for Electric Vehicle</p> <p>Comprehensive owner's manual for Genesis electric vehicles, covering operation, maintenance, safety features, charging, and specifications. Essential guide for Genesis Branded Vehicle owners.</p>
	<p>Genesis Care Plan: Terms, Conditions, and Services</p> <p>Explore the comprehensive Genesis Care Plan, covering scheduled maintenance, roadside assistance, pick-up/delivery, courtesy cars, software updates, and connected services for Genesis vehicles in the UK.</p>