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JVC QAN0067-003

JVC QAN0067-003 Microphone Instruction Manual

For ProHD and 4KCAM Camcorders

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your JVC QAN0067-003 Microphone. This microphone is designed to capture high-quality audio for video and broadcast productions when used with compatible JVC ProHD and 4KCAM camcorders. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Image 1.1: JVC QAN0067-003 Microphone with foam windscreen attached.

The JVC QAN0067-003 is a shotgun microphone, characterized by its directional pickup pattern, which helps to isolate sound from the direction the microphone is pointed while reducing ambient noise. It requires 48V phantom power for operation and connects via a hardwired cable with an XLR output connector. A foam windscreen is included to minimize wind noise during outdoor recordings.

2. PACKAGE CONTENTS

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

- JVC QAN0067-003 Microphone (with hardwired XLR cable)
- Foam Windscreen

3. SETUP

3.1 Attaching the Windscreen

1. Gently slide the foam windscreen over the microphone head.
2. Ensure the windscreen is fully seated and covers the microphone capsule to provide effective wind noise reduction.

3.2 Connecting to a Camcorder

1. Locate the XLR input port on your compatible JVC ProHD or 4KCAM camcorder. This port is typically labeled "MIC IN" or similar.
2. Connect the XLR output connector of the JVC QAN0067-003 Microphone's hardwired cable to the camcorder's XLR input. Ensure a secure connection.
3. Verify that your camcorder's audio input settings are configured to provide 48V phantom power to the XLR input. The JVC QAN0067-003 Microphone requires 48V phantom power to operate. Refer to your camcorder's instruction manual for specific instructions on enabling phantom power.
4. Mount the microphone securely to your camcorder using an appropriate microphone mount or hot shoe adapter (not included).

4. OPERATING INSTRUCTIONS

4.1 Audio Monitoring

Always monitor the audio output through headphones connected to your camcorder while recording. This allows you to identify and correct any audio issues, such as distortion, low levels, or unwanted noise, in real-time.

4.2 Microphone Placement

Due to its directional (unidirectional) polar pattern, the JVC QAN0067-003 Microphone is most effective when pointed directly at the sound source. Experiment with microphone placement to achieve the desired sound pickup and minimize off-axis noise. For dialogue, position the microphone as close as possible to the speaker without entering the camera's frame.

4.3 Gain Settings

Adjust the audio input gain on your camcorder to achieve optimal recording levels. Aim for levels that are strong enough to be clear but do not peak into the red zone, which indicates clipping and distortion. Refer to your camcorder's manual for detailed instructions on adjusting audio gain.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to clean the exterior of the microphone.
- Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the microphone's finish or internal components.
- The foam windscreen can be gently hand-washed with mild soap and water, then allowed to air dry completely before reattaching.

5.2 Storage

When not in use, store the microphone in a dry, dust-free environment, preferably in its original packaging or a protective case. Avoid exposing the microphone to extreme temperatures, high humidity, or direct sunlight.

6. TROUBLESHOOTING

6.1 No Audio Output

- **Check Phantom Power:** Ensure that 48V phantom power is enabled on your camcorder's XLR input. The microphone will not function without it.
- **Cable Connection:** Verify that the XLR cable is securely connected to both the microphone and the camcorder.
- **Camcorder Settings:** Confirm that the correct audio input (XLR/MIC) is selected on your camcorder and that the input gain is not set to minimum.

6.2 Poor Audio Quality (Noise, Distortion)

- **Gain Levels:** If audio is distorted, reduce the input gain on your camcorder. If audio is too low, increase the gain.
- **Windscreen:** Ensure the foam windscreen is properly installed, especially in windy conditions.
- **Interference:** Keep the microphone away from sources of electromagnetic interference, such as mobile phones, Wi-Fi routers, or power cables.
- **Cable Integrity:** Inspect the XLR cable for any signs of damage. A faulty cable can cause noise or intermittent audio.

6.3 Microphone Loose on Mount

- **Tighten Mount:** Ensure that the microphone mount (if applicable) is securely fastened to the camcorder and that the microphone is firmly seated within the mount.

If you continue to experience issues, consult your camcorder's manual or contact JVC customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	QAN0067-003
Microphone Form Factor	Handheld (Shotgun)
Polar Pattern	Unidirectional
Connectivity Technology	XLR
Connector Type	XLR
Power Source	48V Phantom Power (Corded Electric)
Compatible Devices	JVC ProHD/4KCAM Camcorders
Signal-to-Noise Ratio	78 dB
Number of Channels	1

Material	Stainless Steel
Item Weight	1.6 ounces
Product Dimensions (L x W x H)	7.3 x 5.6 x 5.6 inches

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or contact your retailer. For technical support or further assistance, please visit the official JVC website or contact JVC customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can find more information and support resources on the [JVC Store](#).