beyerdynamic FOXUSBMIC_K5

beyerdynamic FOX Professional USB Studio Microphone and Boom Arm User Manual

Model: FOXUSBMIC_K5

INTRODUCTION

This manual provides comprehensive instructions for the beyerdynamic FOX Professional USB Studio Microphone and its accompanying Microphone Suspension Boom Scissor Arm. It covers essential information regarding product setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your equipment. Please read this manual thoroughly before using the product.

SAFETY INFORMATION

Please observe the following safety instructions to prevent damage to the device, injury to yourself, or damage to other property:

- Do not expose the microphone to moisture, rain, or extreme temperatures.
- Avoid dropping the microphone or subjecting it to strong impacts.
- Do not attempt to disassemble or modify the microphone. Refer all servicing to qualified personnel.
- Keep the microphone and boom arm away from strong magnetic fields.
- Ensure the boom arm is securely clamped to a stable surface to prevent accidental falls.
- Use only the specified power source (USB connection) for the microphone.

PACKAGE CONTENTS

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

- beyerdynamic FOX Professional USB Studio Microphone
- Microphone Suspension Boom Scissor Arm with 3/8-Inch-16 Threading (Black)
- USB Cable
- Desk Stand (for microphone)

Image: The beyerdynamic FOX USB Studio Microphone and the included boom arm, showcasing the complete bundle.

PRODUCT OVERVIEW

Key Features:

- **High-Resolution Audio:** 24-bit / 96 kHz studio-grade quality for professional recordings.
- **Large Condenser Capsule:** Ensures accurate signal conversion and low inherent noise.
- **Cardioid Polar Pattern:** Focuses on sound directly in front of the microphone, reducing unwanted background noise.
- **Zero-Latency Monitoring:** Integrated headphone output allows real-time monitoring of your audio.
- **Mute Button:** Instantly mutes the microphone for privacy or to prevent unwanted sounds from being recorded.
- **Gain Switch:** Adjustable gain for recording various sound sources, including loud instruments.
- **USB Connectivity:** Simple plug-and-play connection to PC, Mac, or compatible smartphones/tablets.

Microphone Components:

Image: Front view of the beyerdynamic FOX microphone, highlighting the mute button, mix control, and volume knob.

1. **Microphone Grille:** Protects the condenser capsule.
2. **Mute Button:** Press to mute/unmute the microphone. An indicator light will show status.
3. **Mix Control:** Adjusts the balance between microphone input and computer playback in your headphones.
4. **Volume Knob:** Controls the headphone output volume.
5. **Headphone Jack (3.5mm):** For connecting monitoring headphones.
6. **USB-C Port:** For connecting the microphone to your computer or mobile device.
7. **Threaded Mount:** For attaching to the desk stand or boom arm.
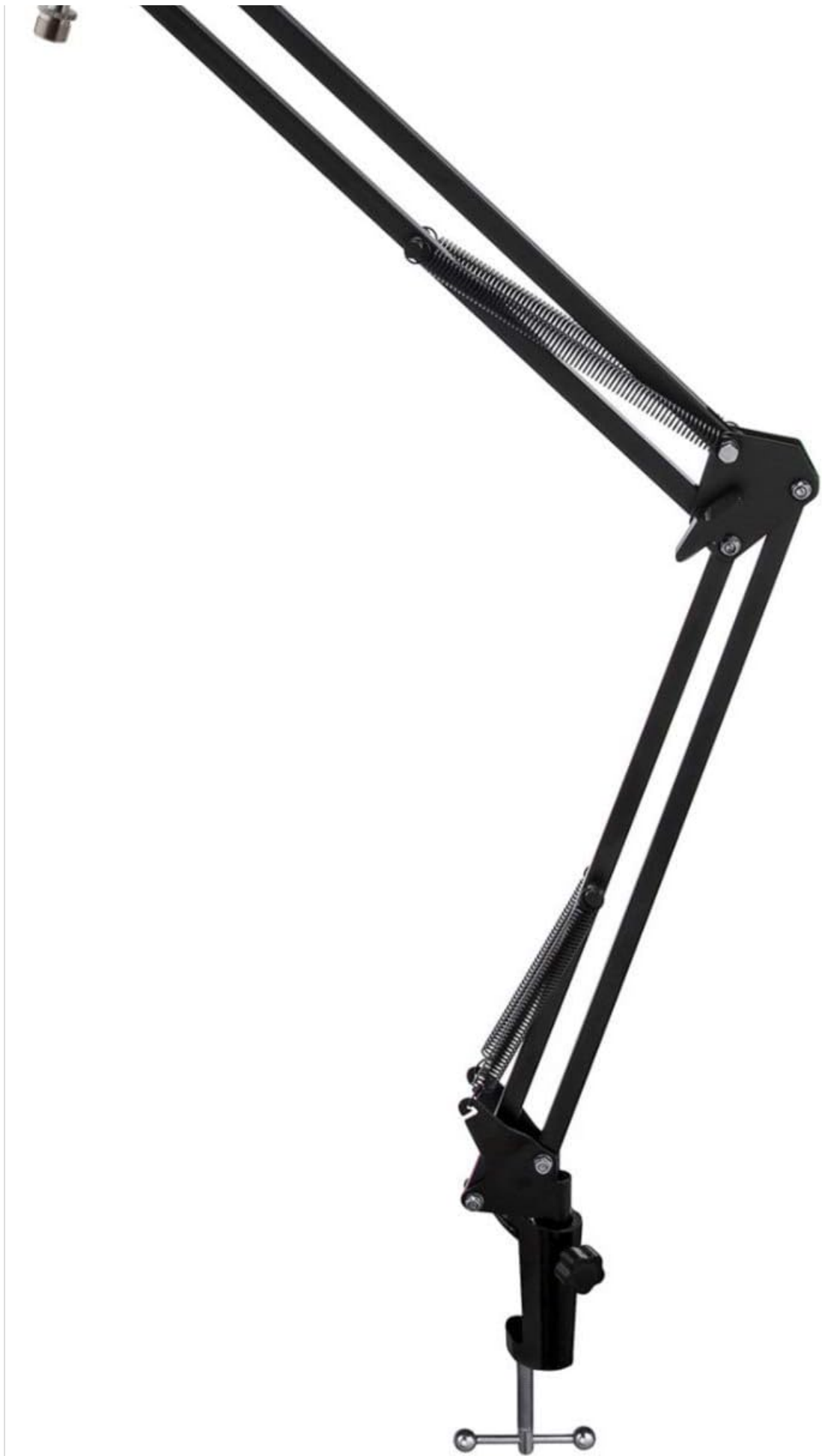
SETUP

1. Assembling the Boom Arm:

Image: The Microphone Suspension Boom Scissor Arm, showing its adjustable joints and desk clamp.

1. **Attach Desk Clamp:** Securely fasten the desk clamp to the edge of a sturdy desk or table. Ensure it is tight to

prevent movement.

2. **Insert Boom Arm:** Insert the base of the boom arm into the hole on the desk clamp. Tighten the locking screw on the clamp to hold the arm in place.

3. **Adjust Position:** Adjust the boom arm to your desired height and reach. The springs will help balance the microphone's weight.

2. Attaching the Microphone:

- **To Boom Arm:** Screw the beyerdynamic FOX microphone onto the 3/8-inch-16 threaded mount at the end of the boom arm. Ensure it is finger-tight.

- **Using Desk Stand (Optional):** If not using the boom arm, screw the microphone onto its included desk stand.

Image: The beyerdynamic FOX microphone mounted on its compact desk stand, ready for use.

3. Connecting to Your Device:

- Connect the supplied USB cable to the USB-C port on the microphone.
- Connect the other end of the USB cable to an available USB port on your computer (PC/Mac) or compatible smartphone/tablet (adapter may be required for some mobile devices).
- The microphone is plug-and-play and should be automatically recognized by your operating system.

Image: The beyerdynamic FOX microphone in use, connected via USB to a laptop on a wooden desk.

OPERATING INSTRUCTIONS

1. System Recognition:

- Once connected, your operating system (Windows, macOS, Android, iOS) should automatically detect the beyerdynamic FOX as an audio input and output device.
- You may need to select "beyerdynamic FOX" as your default input/output device in your system's sound settings or within your recording software.

2. Using the Mute Button:

- Press the **Mute** button on the front of the microphone to toggle between active and muted states.
- An indicator light will typically show the microphone's status (e.g., green for active, red/orange for muted).

3. Adjusting Gain (Input Level):

- The FOX microphone features a gain switch (often labeled "Gain" or represented by a symbol like a microphone with a "+" or "-").
- Use this switch to adjust the microphone's sensitivity. For quiet sources (e.g., soft vocals), use a higher gain setting. For loud sources (e.g., instruments, loud speaking), use a lower gain setting to prevent distortion.
- Monitor your recording software's input levels to ensure they are not peaking (clipping).

4. Zero-Latency Monitoring:

- Connect headphones to the 3.5mm headphone jack on the microphone.
- Use the **Volume** knob to adjust the headphone listening level.
- The **Mix** control allows you to blend the microphone's direct input with the audio playback from your computer. Turn towards the microphone icon to hear more of your live input, and towards the speaker icon to hear more of your computer's audio.
- This feature allows you to hear your voice or instrument in real-time without delay, which is crucial for accurate performance.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone's exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the microphone in a dry, dust-free environment.
- **Boom Arm:** Periodically check the boom arm's clamps and joints for tightness. Lubricate moving parts if necessary with a small amount of silicone-based lubricant.
- **Cable Care:** Avoid sharp bends or kinks in the USB cable. Store it neatly to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	- Microphone not connected properly. - Microphone muted. - Incorrect input device selected in software/OS. - Gain set too low.	- Ensure USB cable is securely connected to both microphone and computer. - Press the Mute button to unmute the microphone. - Check your computer's sound settings and recording software to ensure "beyerdynamic FOX" is selected as the input device. - Increase the gain using the gain switch on the microphone.
Distorted or clipping sound	- Gain set too high. - Microphone too close to sound source.	- Decrease the gain using the gain switch on the microphone. - Move the microphone further away from the sound source. - Check input levels in your recording software to ensure they are not peaking.
No sound in headphones	- Headphones not connected. - Headphone volume too low. - Incorrect output device selected in software/OS. - Mix control set incorrectly.	- Ensure headphones are fully plugged into the 3.5mm jack on the microphone. - Increase the headphone volume using the Volume knob on the microphone. - Check your computer's sound settings and recording software to ensure "beyerdynamic FOX" is selected as the output device for monitoring. - Adjust the Mix control to blend microphone input and computer playback.

Problem	Possible Cause	Solution
Boom arm is unstable	• Desk clamp not tight enough. • Boom arm not fully inserted or locked. • Unsuitable desk surface.	• Tighten the desk clamp securely. • Ensure the boom arm is fully inserted into the clamp and the locking screw is tightened. • Use on a sturdy, flat surface. Consider adding padding between the clamp and desk if needed.

SPECIFICATIONS

Feature	Detail
Model Number	FOXUSBMIC_K5
Microphone Form Factor	Table Array (with included desk stand)
Connectivity Technology	USB
Connector Type	USB
Polar Pattern	Unidirectional (Cardioid)
Resolution	24-bit / 96 kHz
Signal-to-Noise Ratio	78 dB
Hardware Platform	PC, Smartphone
Compatible Devices	Headphone, Personal Computer, Smartphone
Power Source	Corded Electric (USB powered)
Item Weight (Microphone)	16 ounces (1 pound)
Product Dimensions	16.2 x 8.3 x 6.8 inches (overall bundle dimensions)
Color	Black
UPC	040962932483

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official beyerdynamic website or contact their customer service directly. Keep your proof of purchase for warranty claims.
Official Website: www.beyerdynamic.com