

FDUCE D30

FDUCE D30+ USB/XLR Dynamic Gaming Microphone Kit User Manual

Model: D30

1. INTRODUCTION

The FDUCE D30+ is a versatile USB/XLR dynamic microphone kit designed for high-quality audio capture in various applications, including gaming, podcasting, streaming, and vocal recording. It features dual connectivity options (USB and XLR), controllable RGB lighting, and intuitive controls for an enhanced user experience. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your microphone kit.

2. PACKAGE CONTENTS

Upon unboxing your FDUCE D30+ microphone kit, please verify that all the following components are included:

- Dynamic Microphone (D30+)
- 2m USB-C to USB-A/C Cable
- Cantilever Bracket (Boom Arm)
- Desktop Mounting Clamp
- Cable Ties (4x)
- User Manual

What will you get?

- D30+ dynamic microphone
- 2M USB-C to USB-A/C Cable
- instruction manual
- Microphone Stand
- Table Mount Clamp
- Cable Ties

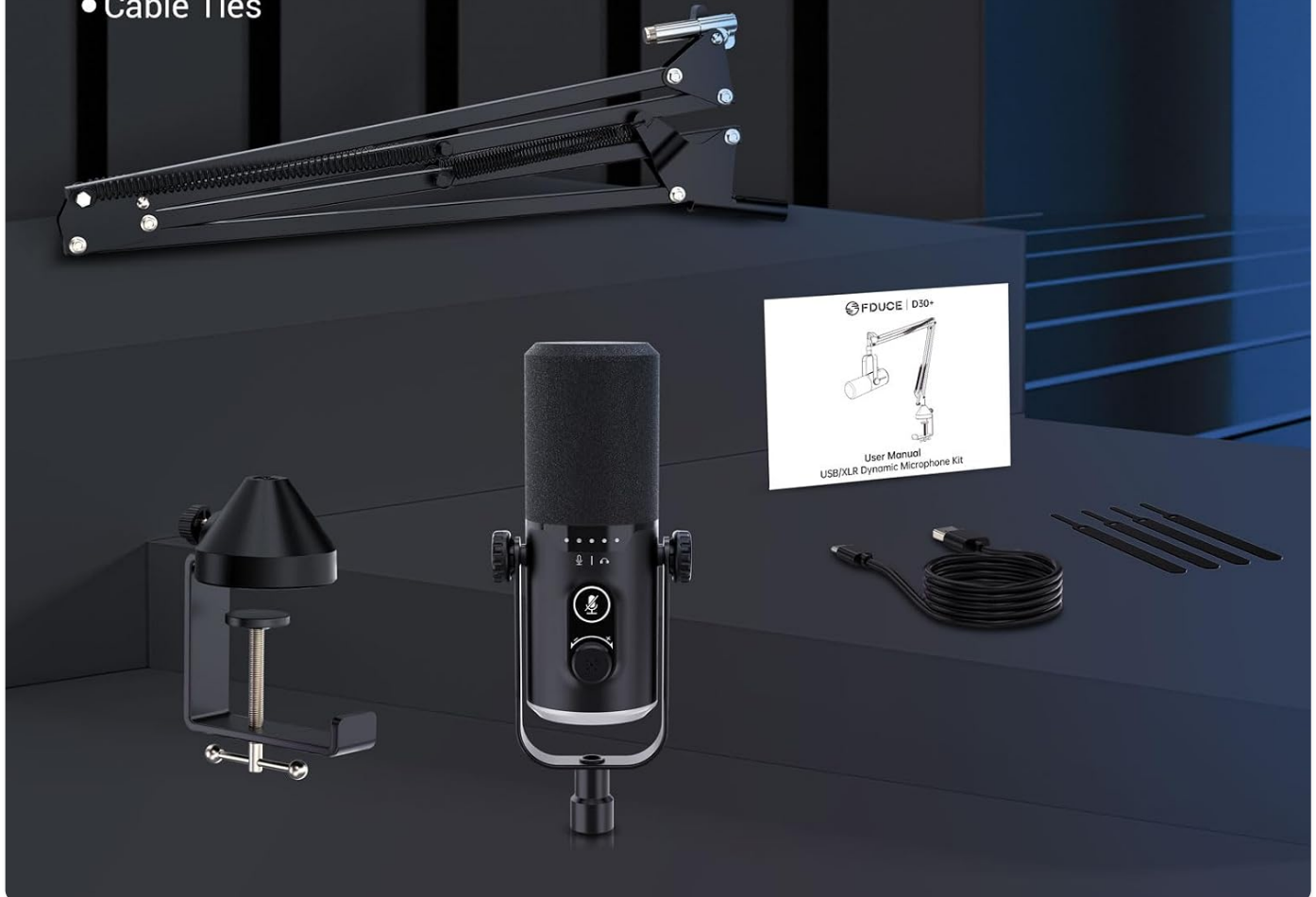


Figure 2.1: All components included in the FDUCE D30+ microphone kit package.

Official Unboxing Video

Video 2.1: An official unboxing video demonstrating the contents and initial setup of the FDUCE D30+ microphone kit.

3. SETUP

3.1 Boom Arm Installation

The FDUCE D30+ comes with an adjustable boom arm for flexible positioning. To install:

1. Attach the desktop mounting clamp to a sturdy surface, such as a desk or table edge. Ensure the surface thickness is less than 2.56 inches (6.5 cm) for proper fit.
2. Insert the base of the cantilever bracket (boom arm) into the clamp and tighten securely.
3. Attach the microphone to the boom arm. The microphone features built-in 3/8" and 5/8" threads for broad compatibility with various stands and arms.

4. Adjust the boom arm to your desired height and angle. The arm allows for 270° rotation at the microphone attachment point, 180° at the elbow, and 360° at the base clamp for optimal positioning.

Adjustable Boom Arm Stand kit

Extensible for adjustable height and angle

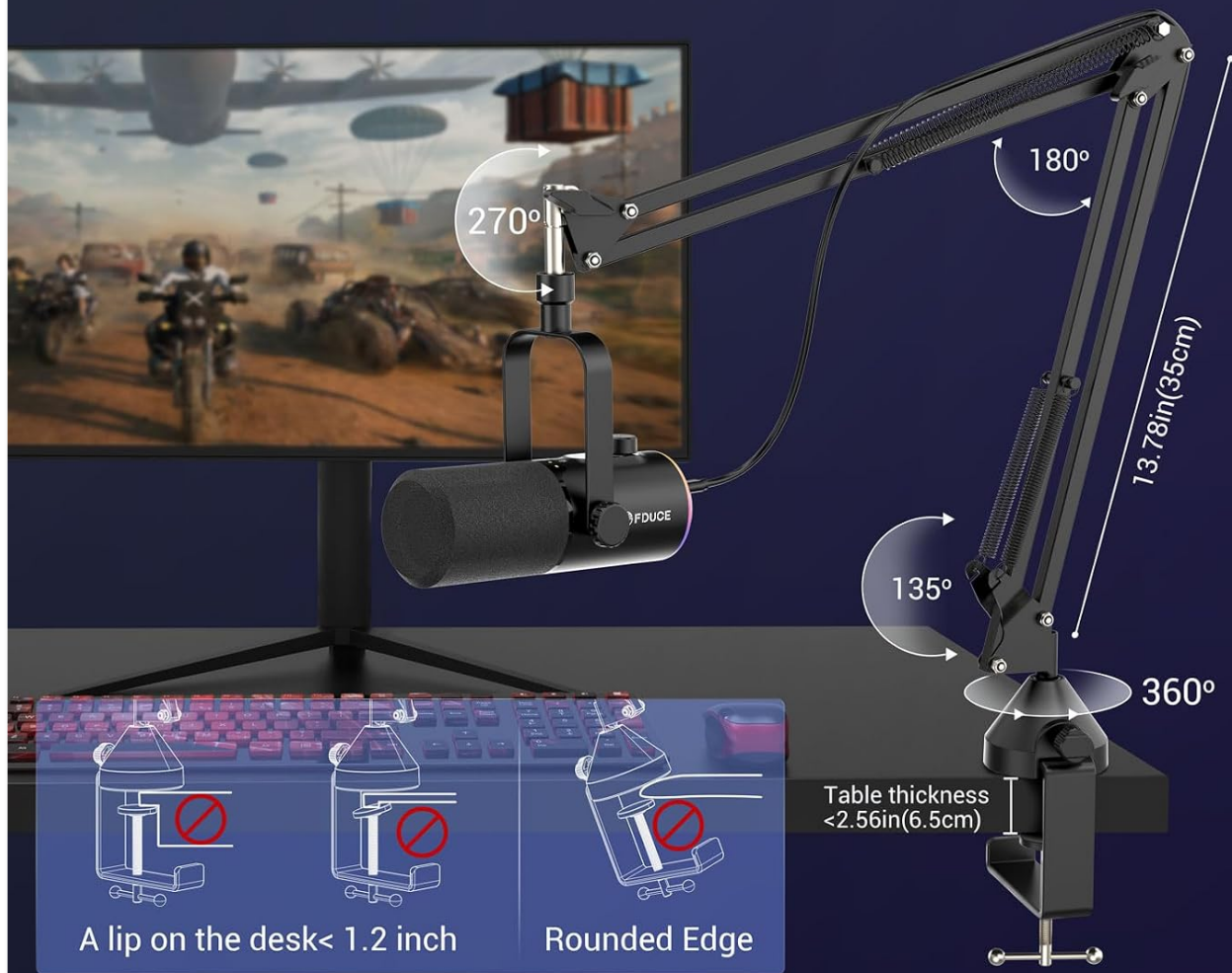


Figure 3.1: Installation and adjustability of the boom arm stand.



Figure 3.2: The microphone's compatibility with both 3/8" and 5/8" screw threads.



Figure 3.3: The microphone's ability to rotate 360 degrees for flexible positioning.

3.2 Connecting the Microphone

The FDUCE D30+ offers both USB and XLR connectivity:

- **USB Connection:** For direct plug-and-play use with PCs, laptops, PS4/PS5, or smartphones with a Type-C port, connect the provided 2m USB-C to USB-A/C cable to the USB-C port on the microphone and your device. No additional drivers are typically required.
- **XLR Connection:** For professional audio setups, connect an XLR cable (not included) from the XLR port on the microphone to an audio interface or mixer. This provides balanced transmission for higher fidelity and interference-free audio.

USB and XLR output

Compatible with multiple devices, suitable for podcasting, recording, live streaming, gaming, etc.



USB
connector



PC



laptop



PS4/5



XLR
connector



Audio Interface



Mixer



Speakers

Note: XLR cable not included

Figure 3.4: USB-C and XLR output ports on the FDUCE D30+ microphone.

4. OPERATING INSTRUCTIONS

4.1 Microphone Controls

The FDUCE D30+ features intuitive controls on its front panel for easy adjustment:

- **One-touch Mute Button:** Located on the front panel, simply touch to mute/unmute the microphone. Red indicator lights signify mute status. (USB mode only)
- **3-in-1 Smart Knob:** This rotary knob controls both microphone gain and headphone monitoring volume.
 - **Long Press:** Switches between microphone volume control (green indicator lights) and headphone volume control (blue indicator lights).
 - **Rotate:** Adjusts the selected volume level.
- **RGB Light Button:** Located below the smart knob.

- **Short Press:** Cycles through various RGB lighting modes and colors.
- **Long Press:** Turns the RGB lighting on/off.
- **Headphone Monitoring Jack:** Located at the bottom of the microphone (next to USB/XLR ports), allows real-time monitoring of your voice.

Multi-function button

Easy to adjust and operate under USB connection, allowing you to be at ease in games and live broadcasts.

-   ⇌ 
Long touch:
Mic and Headset Mode Switch
-  
Touch:
Mute/Unmute

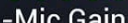
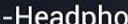
-   ⇌ 
Rotary knob to adjust mic
and headset gain
-  
-Mic Gain +
-  
-Headphone Gain +
-   Short press:
switch RGB light color
-  Long press:
turn off/on RGB light

Figure 4.1: Detailed view of the multi-function controls on the microphone.

Stunning controllable RGB lighting

You can directly control the RGB knob button of the USB dynamic microphone for game color scheme or live broadcast

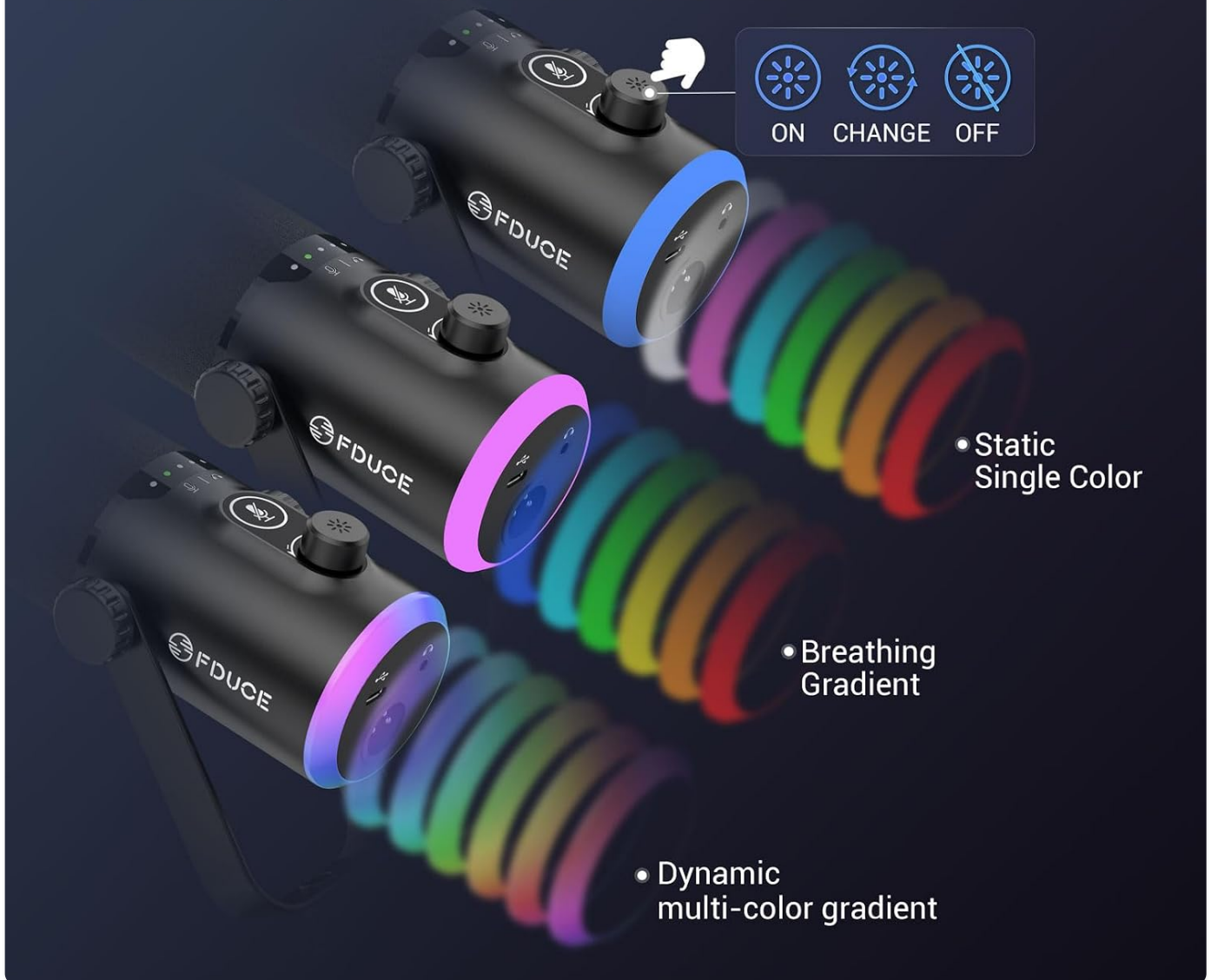


Figure 4.2: Various controllable RGB lighting modes for personalization.

4.2 Optimal Sound Capture

The FDUce D30+ features a directional cardioid dynamic pickup pattern, designed to capture sound directly in front of the microphone while rejecting off-axis noise. For best results:

- Position the top of the microphone directly facing the audio source (e.g., your mouth).
- Maintain a recommended recording range of 2 to 6 inches from the microphone.
- The microphone's 50Hz-16KHz frequency response and 24 Bit/192kHz high sampling rate ensure rich and clear audio details.

Professional and Clear Sound

24 Bit/192kHz high sampling rate improves sound details, and the gaming microphone delivers richer and clearer audio.



Best Range:

2"-4"

S/N Ratio :
97dB

Figure 4.3: Optimal microphone positioning for professional and clear sound capture.

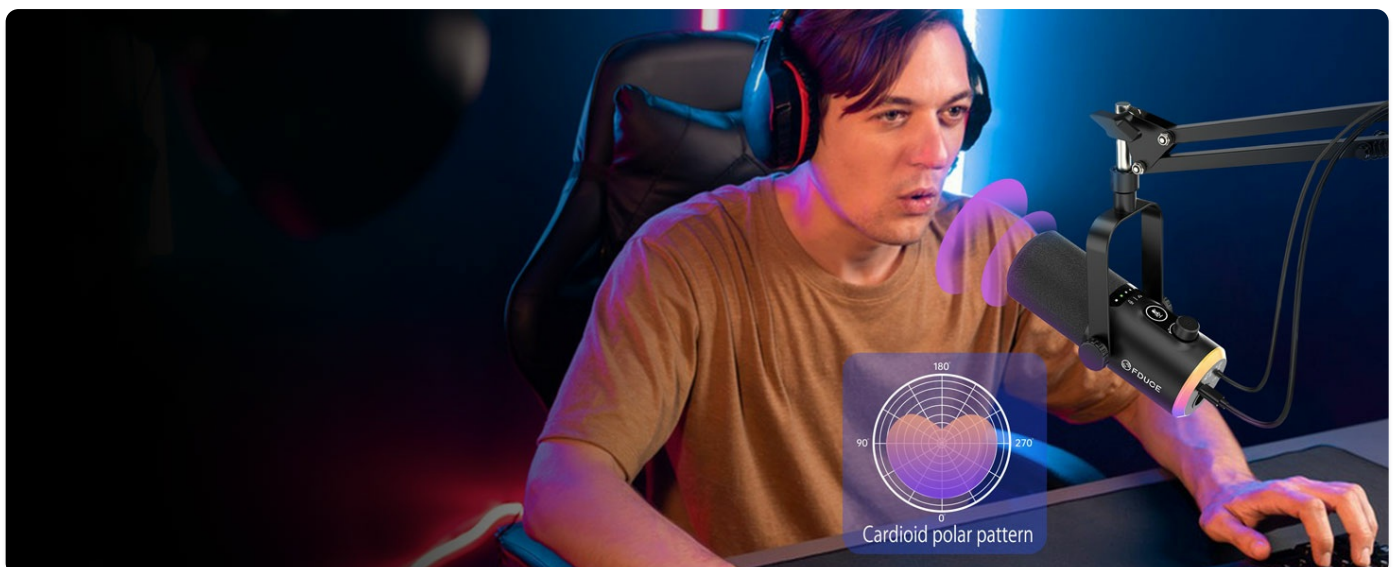


Figure 4.4: Diagram illustrating the cardioid polar pattern for accurate sound pickup and noise rejection.

Official Product Overview Video

Video 4.1: An official product overview video highlighting the key features and benefits of the FDUCE D30+ microphone.

5. MAINTENANCE

To ensure the longevity and optimal performance of your FDUCE D30+ microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone body and stand. Avoid using harsh chemicals, solvents, or abrasive materials. For the foam windscreen, gently remove and clean with a mild soap solution if necessary, ensuring it is completely dry before reattaching.
- **Storage:** When not in use, store the microphone in a clean, dry environment away from extreme temperatures, humidity, and direct sunlight.
- **Handling:** Avoid dropping the microphone or subjecting it to strong impacts, as this can damage internal components.
- **Cable Care:** Always grasp the plug, not the cable, when disconnecting. Avoid kinking or sharply bending cables.

6. TROUBLESHOOTING

If you encounter issues with your FDUCE D30+ microphone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output (USB)	Microphone muted; incorrect input device selected; loose cable connection.	Ensure microphone is not muted (red indicator lights off). Check your computer's sound settings to ensure "FDUCE D30" is selected as the input device. Verify the USB cable is securely connected to both the microphone and your device. Try a different USB port or cable.
No sound output (XLR)	Incorrect input selection on audio interface/mixer; phantom power not enabled (if required by interface).	Ensure the correct input channel is selected on your audio interface or mixer. Verify the XLR cable is securely connected. Dynamic microphones typically do not require phantom power, but ensure your interface is configured correctly.
RGB lights not working	Not in USB mode; lights turned off; power issue.	RGB lighting functions only when connected via USB. Long press the RGB light button to turn lights on. Ensure the USB cable is providing sufficient power.

Problem	Possible Cause	Solution
Distorted or low audio quality	Incorrect gain setting; microphone too far/close; background noise.	Adjust the microphone gain using the smart knob. Ensure the microphone is 2-6 inches from the audio source. Minimize background noise in your recording environment. Check for software-side gain settings that might be too high.

7. SPECIFICATIONS

Feature	Detail
Brand	FDUCE
Model Number	D30
Connectivity Technology	USB, XLR
Connector Type	USB Type-C, XLR
Polar Pattern	Unidirectional (Cardioid)
Frequency Range	50Hz-16kHz
Signal-to-Noise Ratio	97 dB
Impedance	600 Ohm
Sampling Rate	24 Bit/192kHz
Material	Plastic
Color	Black+RGB
Item Weight	2.73 pounds (1.24 Kilograms)
Product Dimensions (L x W x H)	3.94 x 5.51 x 15.75 inches
Recommended Uses	Gaming, Streaming, Vocal Recording, Podcasting, Video Creation, Online Chat
Special Features	USB/XLR, RGB Lights, Mute Button, Gain Knob, Volume Control, RGB Key, Headphones Jack, Boom Arm

8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your FDUCE D30+ microphone kit, please refer to the official FDUCE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the FDUCE Store for more information:[FDUCE Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question