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› ALABS Fxcaster Podcast Equipment Bundle User Manual

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ALABS Fxcaster Podcast Equipment Bundle User Manual

Model: ALABS Fxcaster Bundle

1. INTRODUCTION

The ALABS Fxcaster Podcast Equipment Bundle is an integrated audio solution designed for live streaming, recording, and content creation. This all-in-one system combines a 7-channel soundboard, audio interface, and a 25mm diaphragm XLR microphone, offering comprehensive control and high-quality audio capture. It is compatible with Windows, Mac, Android, and iOS devices.



Figure 1: ALABS Fxcaster Podcast Equipment Bundle, including the mixer, XLR microphone, pop filter, and boom arm.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

Upon opening the package, verify that all components are present, including the Fxcaster mixer, XLR microphone, microphone stand, pop filter, and any included cables (USB-C, XLR, 1/4-inch TS, 1/8-inch TRRS). A TF card is also included for custom sound effects.

2.2 Microphone Connection

1. Attach the 25mm large capsule condenser microphone to the boom arm and secure it.
2. Connect the XLR cable from the microphone to one of the XLR inputs (IN 1 or IN 2) on the Fxcaster mixer.

3. Ensure 48V phantom power is activated on the Fxcaster for the condenser microphone to function correctly. This is typically indicated by an LED light near the 48V switch.

XLR CONDENSER MIC KIT

Note: Turn on 48V phantom power before use.

 25mm Larger Capsule



Figure 2: A user setting up the XLR condenser microphone kit with the Fxcaster mixer. Note the 25mm large capsule and the instruction to turn on 48V phantom power.

2.3 Connecting Other Devices

- **Instruments:** Use 1/4-inch TS cables to connect guitars, basses, or other instruments to the 1/4-inch inputs on the Fxcaster.

- **Headphones:** Connect headphones to the dedicated headphone jack for monitoring audio.
- **Computers/Mobile Devices:** Use the USB-C port to connect the Fxcaster to a computer (Windows, Mac) or mobile device (Android, iOS) for audio interface functionality.
- **External Speakers:** Connect external speakers via 1/4-inch TS or RCA cables to the MAIN OUT ports.
- **Bluetooth:** The Fxcaster supports Bluetooth wireless connectivity for audio input.



Figure 3: Diagram illustrating the various input and output connections on the Fxcaster, including XLR, 1/4-inch TS, 1/8-inch TRRS, USB-C, and TF card slot, compatible with PC, Mac, iOS, and Android.

2.4 Powering the Device

The Fxcaster features a built-in 3000mAh lithium battery, providing over 6 hours of operation. Charge the device using a Type-C cable. The battery level is indicated on the onboard LED display.



Figure 4: The Fxcaster mixer highlighting its built-in 3000mAh battery, which supports 8-10 hours of working time for portable use.

3. OPERATING INSTRUCTIONS

3.1 Individual Audio Controls

The Fxcaster is equipped with 7 individual audio channels, each with a dedicated fader for precise volume control. The onboard color LED display provides visual monitoring of peak levels. Four sets of controls (IN1, IN2, MUSIC, REC) include Mute and Solo functions for quick channel management during live broadcasts.

PROFESSIONAL INPUT INTERFACE (XLR/6.35MM)

Perfect for Guitar, Bass, and Other Musical
Instruments with a 6.35mm Jack

 3000mAh Battery



Figure 5: Close-up view of the Fxcaster's 7 individual faders, demonstrating precise control over audio levels.

3.2 Customizable Sound Pads

The mixer features 32 customizable sound pads. By inserting a TF card, you can load and customize your frequently used sound effects. The device also allows recording effects directly from the unit to pads A, B, and C. Each sound pad supports real-time recording of up to 20 seconds. An independent sample control lever allows for volume adjustment of played samples.

WHY CHOOSE FXCASTER PODCAST EQUIPMENT

ALABS Fxcaster



Audio Controls

Adjust the volume of each channel with precision using seven individual 100mm audio controls.

VS

Other

Audio Controls

The audio channels are too brief, and detailed volume adjustment with independent control of all channels is not possible.



Individual Mute/Solo

IN1/IN2/MUSIC/Headphone outputs offer quick Mute and Solo functions, easing live broadcast awkwardness.

VS

Individual Mute/Solo

✗ NO



Battery

Built-in 3000mAh battery provides 8-10 hours of usage, perfect for travel or outdoor activities.

VS

Battery

Built-in 1500mAh battery, can only be used for 4-5 hours



Volume Shaper

Automatically reduces background noise, making it ideal for live broadcasts, live streaming, online meetings, etc.

VS

Volume Shaper

✗ NO



Denoise

One-click denoise ensures clearer sound, improving message clarity and enhancing live streaming quality.

VS

Denoise

✗ NO

Figure 6: The Fxcaster's 32 customizable sound pads, with a TF card slot for loading custom audio.

3.3 Rich Effects and Functions

The Fxcaster offers a variety of built-in effects and functions to enhance your audio:

- **Voice Changers:** Transform your voice into male, female, doll, or robot tones.
- **3-Band EQ:** Adjust bass, mid, and treble frequencies for each channel.
- **DENOISE:** Reduce background noise for clearer sound.
- **Volume Shaper:** Automatically adjusts volume levels.

- **Autotune:** Corrects vocal pitch.
- **Loopback:** Routes computer audio back into the mixer.
- **Trash Talk:** A dedicated button for specific sound effects.
- **Karaoke Mode:** Optimizes audio for singing.



32 CUSTOMIZED SOUND PADS

Podcast mixer can customize different effects.
Use trash talk to say "BI" to spice up the show.



Trash Talk



Sound Pads

Figure 7: Close-up of the Fxcaster's effects section, showing buttons for Reverb, Autotune, Vocal FX, and other sound modifications.

3.4 Simultaneous Streaming and Local Recording

The Fxcaster supports simultaneous streaming for up to 2 people, 4 devices, and 4 platforms. It also allows for local offline recording directly to a TF card without requiring a computer or mobile phone connection.

4. MAINTENANCE

To ensure the longevity and optimal performance of your ALABS Fxcaster, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the mixer and microphone. Avoid using liquid cleaners or abrasive materials, as these can damage the components.
- **Storage:** Store the equipment in a cool, dry place away from direct sunlight, extreme temperatures, and excessive dust.
- **Battery Care:** For the built-in lithium battery, avoid fully discharging it frequently. If storing for extended periods, charge the battery to approximately 50-70% to maintain its health.
- **Cable Management:** Handle cables carefully. Avoid sharp bends or kinks that can damage internal wiring. Disconnect cables by pulling the plug, not the cable itself.

5. TROUBLESHOOTING

If you encounter issues with your ALABS Fxcaster, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Microphone volume is low or no sound.	<ul style="list-style-type: none">• 48V phantom power not activated.• Microphone orientation incorrect.• Input gain too low.• Mute button activated.	<ul style="list-style-type: none">• Ensure 48V phantom power is ON for condenser microphones.• Verify the microphone is pointed towards the sound source (some microphones have side-address patterns).• Increase the input gain for the microphone channel.• Check if the channel's Mute button is disengaged.
No sound output from headphones/speakers.	<ul style="list-style-type: none">• Output volume too low.• Incorrect cable connection.• Mute button activated on output.	<ul style="list-style-type: none">• Increase the headphone/main output volume fader.• Ensure cables are securely connected to the correct output ports.• Check if the output channel's Mute button is disengaged.

Problem	Possible Cause	Solution
Custom sound effects not playing.	<ul style="list-style-type: none"> • TF card not inserted or corrupted. • Incorrect file format. • Sample volume too low. 	<ul style="list-style-type: none"> • Ensure the TF card is properly inserted and functional. • Verify audio files on the TF card are in a supported format. • Adjust the independent sample control lever to increase volume.
Latency with wireless connections.	Wireless connections can introduce latency.	For critical applications, use wired connections to minimize latency. Ensure Bluetooth devices are within range and have a clear line of sight.

6. SPECIFICATIONS

Below are the technical specifications for the ALABS Fxcaster Podcast Equipment Bundle:

Feature	Specification
Item Weight	7.7 pounds
Product Dimensions	10.63 x 17.13 x 7.68 inches
Model Number	ALABS Fxcaster Bundle
Compatible Devices	Personal Computer, iPad, iPhone
Connector Types	1/4-Inch TS Cables, 1/8-Inch TRRS Cable, RCA, USB-C Cable, XLR Cables
Hardware Interface	1/4-inch Audio, Headphone, USB, USB Type C
Supported Software	Podcasting, Live Streaming, YouTube, Twitch, Studio Music Recording
Operating System Compatibility	Windows, Mac, Android, iOS
Power Source	Type-C Charge (Built-in 3000mAh battery)
Wattage	55.00 W
Connectivity Technology	USB, XLR, TF Card Port, Type C, BT Wireless
Number of Channels	7

7. WARRANTY AND SUPPORT

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

For further assistance, you may visit the ALABS store on Amazon: [ALABS Store](#)

