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› BOMGE 6-Channel Mini DJ Audio Mixer User Manual

BOMGE white

BOMGE 6-Channel Mini DJ Audio Mixer User Manual

Model: white

1. PRODUCT OVERVIEW

The BOMGE 06F MIXER is a versatile 6-channel mini DJ audio sound mixer console designed for various audio applications, including karaoke, singing, live streaming, and PC recording. It features a built-in sound card and audio interface, allowing direct recording to PC, mobile phones, or USB drives. The mixer offers strong compatibility, low noise operation, and a range of connectivity options.



Image: Front view of the BOMGE 6-Channel Mini DJ Audio Mixer, showcasing its various inputs, controls, and display.

2. KEY FEATURES

- **Strong Compatibility & Low Noise:** Built-in sound card and audio interface for recording to PC, mobile phones, and USB drives. Compatible with PC and MAC systems and most recording software.
- **Multiple Connection Methods & Phantom Power:** Includes 4 mono inputs (XLR and 1/4" unbalanced), 48V phantom power, 1 stereo input, and USB/Bluetooth input. Features 6.3mm XLR and RCA jacks for connecting dynamic microphones, condenser microphones, wireless microphone receivers, musical instruments, amplifiers, and speakers.
- **Bluetooth 4.0 & 24 DSP Effects:** Seamlessly stream music from pads, mobile phones, and computers via Bluetooth. Built-in one-button control for play/pause/song switching. Features 24-bit digital effect processors including soprano, bass, children's voice, and various levels of delay and echo.
- **Mobile Phone Recording Optimized:** Converts 3.5mm connectors through RCA, USB, and 6.5mm interfaces for direct mobile phone audio recording. Supports simultaneous live broadcasting on multiple mobile phones.
- **Portable Power Options:** Uses 5V power supply, compatible with computer USB, power banks, and car charging,

making it suitable for both indoor and outdoor use.



Image: Visual representation of the mixer's key features, including 24 DSP effects, Bluetooth, and USB/BT connectivity.

3. SETUP GUIDE

3.1 Initial Setup

1. **Unpack:** Carefully remove all components from the packaging: the mixer unit, power adapter, power cord/cable, and this manual.
2. **Power Connection:** Connect the power adapter to the mixer's 5V power input and then plug it into a suitable power source (wall outlet, computer USB, power bank, or car charger).
3. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation.

3.2 Connecting Audio Devices

The BOMGE mixer supports a variety of audio input and output devices. Ensure all connections are secure before powering on the mixer or connected devices.

Conexión a múltiples dispositivos

compatible con varios dispositivos fácilmente



Image: Diagram illustrating various devices that can be connected to the mixer, such as guitars, microphones, speakers, and electronic organs.

- **Microphones (XLR/1/4" Combo Jacks):** Connect dynamic or condenser microphones to channels 1-4 using XLR or 1/4" cables. Activate 48V Phantom Power for condenser microphones by pressing the +48V button if required.
- **Musical Instruments (1/4" Line Input):** Connect instruments like guitars or keyboards to the 1/4" line inputs on channels 1-4.
- **Stereo Input (RCA/1/4" Jacks):** Use the 5/6 stereo input for devices like CD players, media players, or other stereo audio sources.
- **USB Audio:** Connect the mixer to a computer (PC/MAC) via the USB port for audio input/output and recording.
- **Bluetooth:** Pair your mobile device (phone, tablet) with the mixer via Bluetooth for wireless audio streaming.
- **Outputs (XLR/1/4" Jacks):** Connect your main speakers or amplifiers to the LEFT OUT and RIGHT OUT XLR or 1/4" balanced/unbalanced jacks.
- **Headphones:** Plug headphones into the PHONES jack for monitoring.



Image: A musician playing a guitar, with the BOMGE mixer and an amplifier set up, demonstrating a typical usage scenario.

Video: Demonstration of the BOMGE 06F audio mixer's features and basic operation, including connecting microphones and adjusting levels.

4. OPERATING INSTRUCTIONS

4.1 Channel Controls

Each input channel (1-4 and 5/6) has dedicated controls:

- **TRIM:** Adjusts the input gain for the connected device. Start with this low and increase gradually to avoid clipping.
- **HIGH:** Controls the high-frequency (treble) equalization for the channel.
- **LOW:** Controls the low-frequency (bass) equalization for the channel.
- **EFF:** Sends the channel's signal to the internal DSP effects processor.

- **PEAK/LEVEL:** The PEAK LED indicates when the signal is too high (clipping). Adjust TRIM to prevent this. The LEVEL knob controls the overall volume of the channel sent to the main mix.

AJUSTE DE PERILLA

Con ajuste de amortiguación, más fácil de operar.



Alto y bajo



PERILLA DE SINTONIZACIÓN



Image: Close-up view of the mixer's control knobs, highlighting the TRIM, HIGH, LOW, EFF, and LEVEL adjustments for each channel.

4.2 DSP Effects

The mixer includes 24 built-in DSP effects. Use the DSP section controls to select and apply effects:

- **DSP Knob:** Rotate to select from the 24 available effects. The selected effect number will be displayed.
- **PARAMETER Knob:** Adjusts the intensity or specific parameter of the selected DSP effect.
- **EFF Send:** Use the EFF knobs on individual channels to send their signal to the DSP processor.



Image: A detailed list explaining the 24 DSP effects available on the mixer, including voice changer, magic sound, child's voice, and various delay and echo types.

4.3 Recording to PC/Mobile

The mixer can be used as an audio interface for recording to computers and mobile devices.

Recording to PC:

1. Connect the mixer to your PC/MAC using a USB cable.
2. Ensure the switch on the back of the BMG-06F is set to the "PC" end.
3. The computer should recognize the device (e.g., "JiaLi BR21") without needing additional drivers.
4. Open your preferred recording software and select the mixer as the audio input device.
5. Adjust levels on the mixer and in your software, then begin recording.

Recording/Live Streaming to Mobile:

Only a USB cable and an OTG converter (not included) are needed to connect the mixer to your phone.

- Connect the mixer's USB output to an OTG converter.
- Connect the OTG converter to your mobile phone (USB-C, Lightning, or 3.5mm depending on your phone and converter).
- Open your recording or live streaming application on your phone. The mixer's audio will be routed to the app.



Image: Step-by-step guide for connecting the mixer to a PC for recording and to various mobile phones for live broadcasting.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using liquid cleaners or solvents, which can damage the finish or internal components.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Keep cables organized and untangled to prevent damage to connectors and ports.
- **Ventilation:** Ensure the mixer's ventilation openings are not blocked during operation to prevent overheating.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect cable connections; Output level too low; Muted channels; Power issue.	Check all audio cables are securely connected. Increase MAIN OUT and channel LEVEL knobs. Ensure channels are not muted. Verify power adapter is connected and unit is on.
Distorted audio	Input gain (TRIM) too high; Output level too high; Damaged cables.	Reduce TRIM knob on input channels. Lower MAIN OUT level. Check for PEAK LED illumination and adjust accordingly. Replace faulty cables.
Microphone not working	Incorrect input selected; Phantom power not activated (for condenser mics); Faulty microphone/cable.	Ensure microphone is connected to a MIC/LINE input. Activate +48V Phantom Power for condenser microphones. Test with a different microphone or cable.

Problem	Possible Cause	Solution
Bluetooth connection issues	Mixer not in pairing mode; Device too far; Interference.	Ensure the mixer's Bluetooth is active and discoverable. Move the Bluetooth device closer to the mixer. Avoid sources of interference.
No recording on PC/Mobile	Incorrect audio input selected in software; USB cable issue; OTG converter issue.	Verify the mixer is selected as the audio input device in your recording software/app. Check USB cable connection. Ensure OTG converter is compatible and functioning.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	BOMGE
Model Number	white
Number of Channels	6
Item Weight	1.32 pounds (600 Grams)
Package Dimensions	11.22 x 9.72 x 2.6 inches
Body Material	Plastic
Connector Type	1/4-Inch Stereo, XLR to 1/4-Inch, 1/4-Inch Right Angle, XLR to XLR
Hardware Interface	Bluetooth, USB
Proficiency Level	Beginner
Operating System Compatibility	Windows, MAC
Power Source	Corded Electric (5V)
Wattage	2.5 Watt-hours
Date First Available	April 20, 2022

FUENTE DE ALIMENTACIÓN 4

Solo se admiten cuatro canales para
Proporcione energía de fantasía de +48V

48



Image: Diagram showing the physical dimensions of the BOMGE 6-Channel Mini DJ Audio Mixer.

8. WARRANTY AND SUPPORT

BOMGE products are designed for reliability and performance. For detailed warranty information and customer support, please refer to the official BOMGE website or contact your retailer.

A digital version of the user guide is available for download:

[Download User Guide \(PDF\)](#)

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