

BOMGE 06A

BOMGE 06A Professional 6 Channel DJ Audio Mixer User Manual

Model: 06A | Brand: BOMGE

1. INTRODUCTION

Thank you for purchasing the BOMGE 06A Professional 6 Channel DJ Audio Mixer. This manual provides detailed instructions for the setup, operation, and maintenance of your new audio mixer. Please read this manual thoroughly before use to ensure proper functionality and to maximize the performance of your device. This mixer is designed for high-quality audio mixing in various environments, including studio recording, live performances, and home entertainment.

2. SAFETY INFORMATION

- **Power Supply:** Use only the provided power adapter. Ensure the voltage matches the requirements specified on the device.
- **Water and Moisture:** Do not expose the mixer to water, rain, or excessive moisture. Do not place liquid-filled objects on the mixer.
- **Ventilation:** Ensure proper ventilation around the mixer. Do not block ventilation openings.
- **Heat:** Keep the mixer away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Phantom Power:** When using condenser microphones, ensure +48V phantom power is enabled for the respective channel. Disable phantom power before connecting or disconnecting microphones to prevent damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BOMGE 06A Audio Mixer
- Power Adapter
- User Manual



Image: The BOMGE 06A Audio Mixer, its retail box, power adapter, and user manual.

4. SETUP

4.1 Product Interface and Connections

PRODUCT INTERFACE&FUNCTION DESCRIPTION

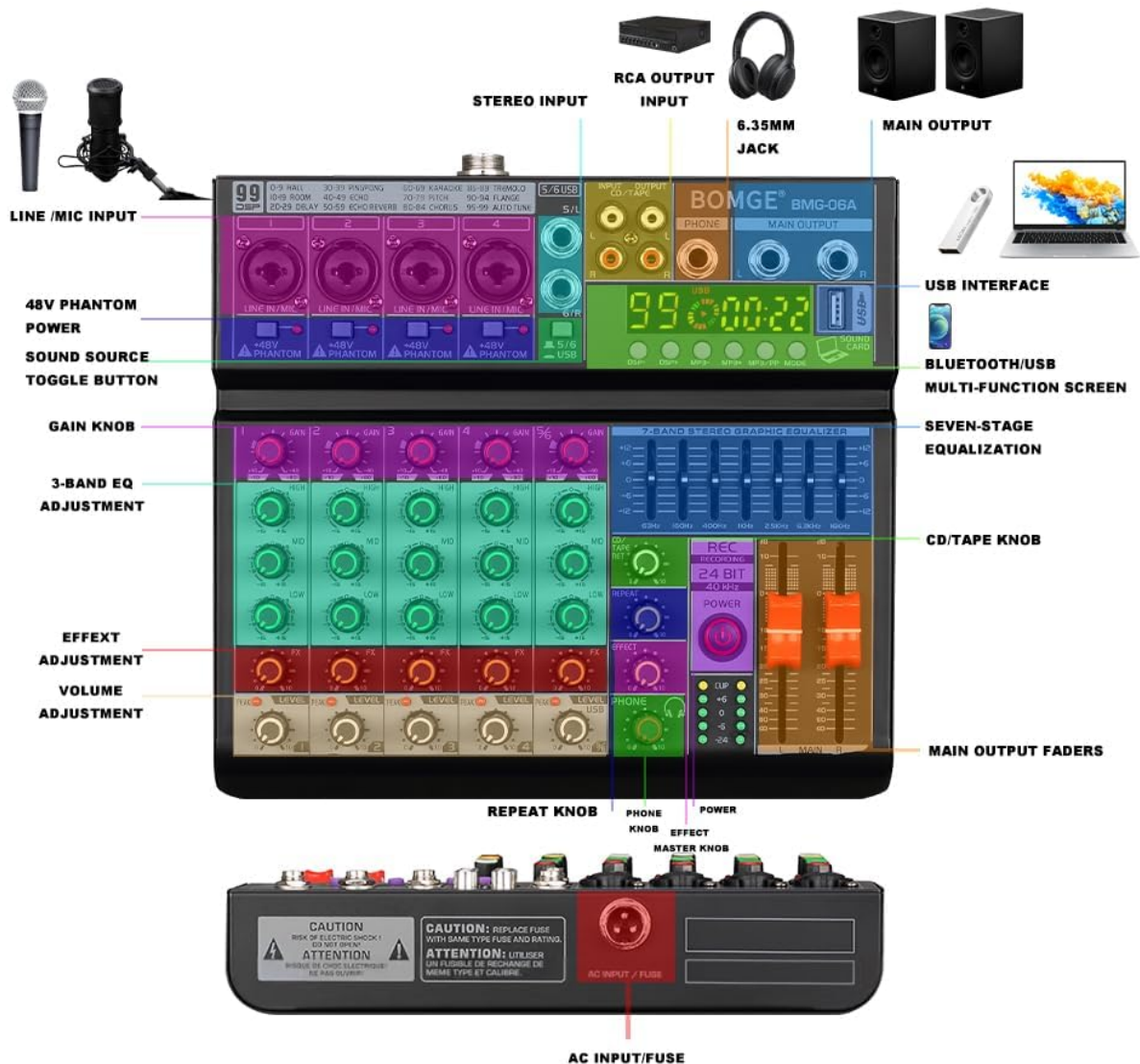


Image: Detailed diagram illustrating the various inputs, outputs, and control knobs on the BOMGE 06A mixer. The BOMGE 06A mixer features a comprehensive set of inputs and outputs for various audio sources and destinations:

- **Mic/Line Inputs (Channels 1-4):** XLR/6.35mm combo jacks for microphones or line-level instruments. Each channel has a dedicated +48V phantom power switch.
- **Stereo Input (Channels 5/6):** 6.35mm (1/4 inch) stereo jack for connecting stereo line-level devices.
- **RCA Input/Output:** Stereo RCA jacks for connecting CD players, media players, or external recording devices.
- **USB Interface:** For connecting to a computer for recording or playback, or for connecting a USB flash drive for MP3 playback.
- **Main Output:** XLR and 6.35mm (1/4 inch) jacks for connecting to main speakers or amplifiers.
- **Headphone Output:** 6.35mm (1/4 inch) jack for monitoring audio.

4.2 Power Connection

1. Connect the provided power adapter to the AC INPUT/FUSE port on the rear of the mixer.
2. Plug the power adapter into a suitable electrical outlet.
3. Press the POWER button on the mixer to turn it on. The display and indicator lights will illuminate.

4.3 Connecting Microphones and Instruments

1. For microphones, connect them to the XLR or 6.35mm inputs on channels 1-4.
2. If using condenser microphones, press the +48V PHANTOM button for the corresponding channel. A red indicator light will confirm phantom power is active.
3. For line-level instruments (e.g., keyboards, guitars with DI boxes), connect them to the 6.35mm inputs.
4. For stereo devices, use the 5/6 USB input or the RCA input.

PRODUCT INTERFACE & FUNCTION DESCRIPTION

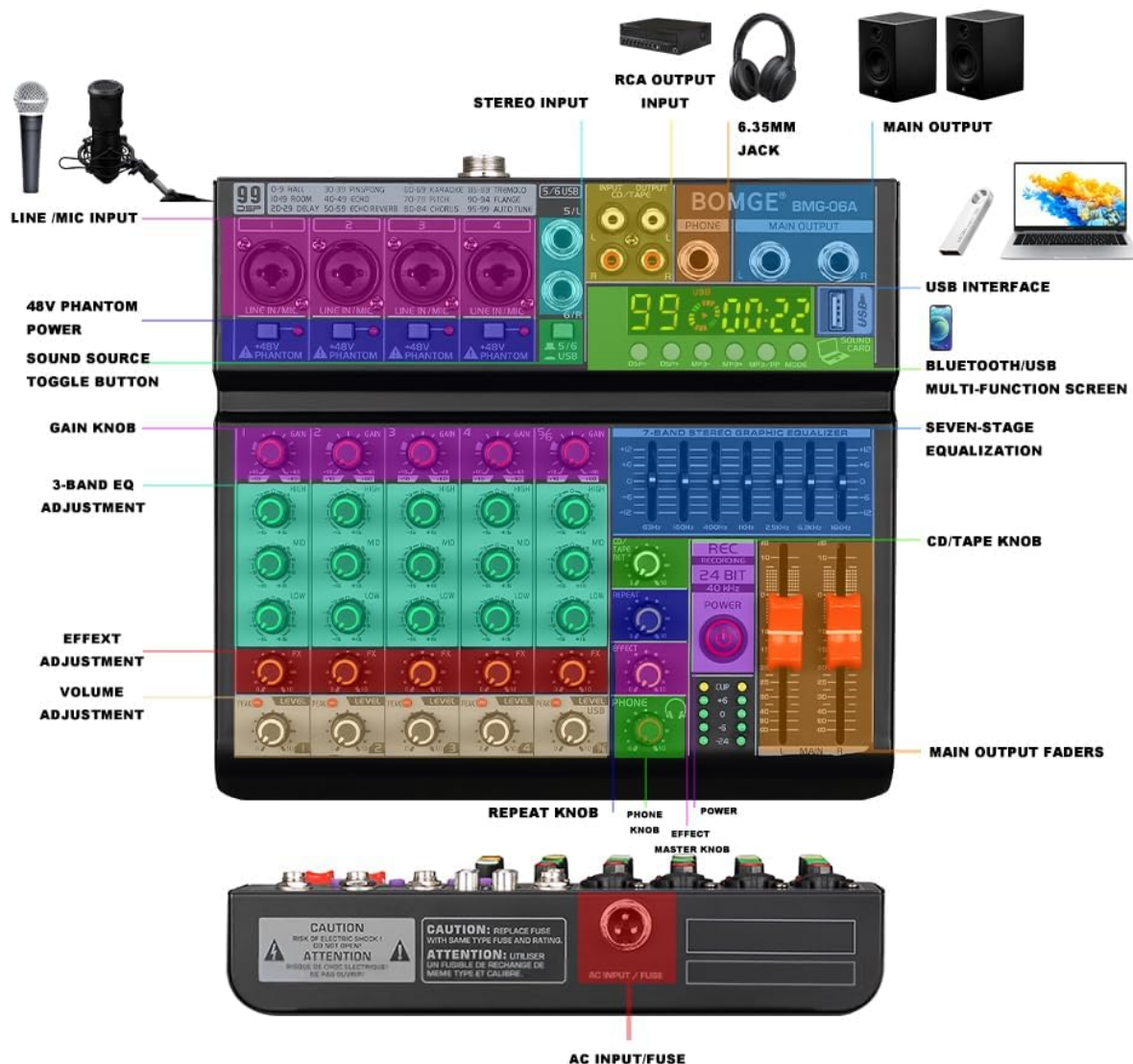


Image: A close-up view of the mixer's input section, highlighting the XLR/6.35mm combo jacks and the +48V phantom power switches for individual channels.

4.4 Bluetooth Connection

1. Press the MODE button on the multi-function screen until 'BT' or 'Bluetooth' is displayed.
2. On your smartphone or tablet, enable Bluetooth and search for available devices.
3. Select 'BOMGE 06A' from the list to pair. Once connected, you can stream audio wirelessly to the mixer.

WIRELESS BLUETOOTH

WIRELESS BLUETOOTH FUNCTION RESPONDS QUICKLY WITH 0 LATENCY TRANSMISSION
COMPATIBLE WITH SMART DEVICES



Image: The BOMGE 06A mixer displayed next to a smartphone, illustrating the wireless Bluetooth connection capability.

4.5 USB Connection for Playback/Recording

1. **USB Flash Drive:** Insert a USB flash drive into the USB port on the mixer. Use the MP3-/MP3+ buttons to navigate tracks and the PLAY/PAUSE button for control.
2. **Computer Connection:** Connect the mixer to your computer via a USB cable. The mixer will be recognized as an audio interface, allowing for recording and playback through your computer's audio software.



Image: A close-up of the mixer's USB port and display, indicating its use for recording, live streaming, and music playback, with a USB drive inserted.

5. OPERATING INSTRUCTIONS

5.1 Channel Controls

Each input channel (1-4) and the stereo input (5/6) feature the following controls:

- **GAIN Knob:** Adjusts the input sensitivity for the channel. Set this to achieve a strong signal without clipping (indicated by the PEAK LED).
- **3-Band EQ (HIGH, MID, LOW):** Adjusts the treble, midrange, and bass frequencies for each channel. Use these to shape the tone of your audio source.
- **FX Knob:** Controls the amount of effect (from the built-in DSP processor) applied to the channel.
- **LEVEL Knob:** Adjusts the overall volume of the channel sent to the main mix.

3- BAND EQ ADJUSTMENT

FINER ADJUSTMENTS ARE POSSIBLE FOR MORE ACCURATE
CRISP AND CLEAR SOUND



Image: A hand adjusting the 3-band EQ knobs (High, Mid, Low) on one of the mixer's channels, demonstrating the fine adjustment capability for sound quality.

5.2 DSP Effects Processor

The mixer includes a built-in 99 DSP effects processor to add depth and character to your sound.

- Use the **DSP-** and **DSP+** buttons to cycle through the 99 available effects. The selected effect number will be shown on the display.
- Adjust the **FX** knob on each channel to send the desired amount of signal to the effects processor.
- The **EFFECT** knob controls the overall return level of the effects to the main mix.

99

DSP EFFECT

0-9 HALL

10-19 ROOM

20-29 DELAY

30-39 PINGPONG

40-49 ECHO

50-59 ECHO REVERB

60-69 KARAOKE

70-79 PITCH

80-84 CHORUS

85-89 TREMOLO

90-94 FLANGE

95-99 AUTO TUNE



Image: A close-up of the mixer's digital display, showing the '99 DSP Effect' indicator and a list of various effect categories such as Hall, Room, Delay, Echo, Karaoke, and more.

5.3 7-Band Stereo Graphic Equalizer

The 7-band stereo graphic equalizer allows for precise shaping of the overall main mix frequency response.

- Adjust the individual sliders for each frequency band (63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.3kHz, 16kHz) to boost or cut specific frequencies.
- This equalizer affects the main output, providing overall tonal control for your mix.



Image: A hand adjusting the sliders of the 7-band stereo graphic equalizer on the mixer, demonstrating its capability for nuanced sound effect adjustments.

5.4 Monitoring with Headphones

Connect your headphones to the 6.35mm PHONE jack for real-time monitoring of your mix.

- Adjust the **PHONE** knob to control the headphone volume.
- This allows you to hear the mix precisely without affecting the main output volume.

MONITOR HEADPHONES

REAL-TIME FEEDBACK

REAL-TIME MONITORING OF THE SCENE, IN THE NOISY SCENE TO CLEARLY RETURN THE CORRECT ACCOMPANIMENT OR SOUND TO ENSURE PERFECT PERFORMANCE



Image: A pair of headphones connected to the BOMGE 06A mixer, illustrating the real-time feedback feature for monitoring audio.

5.5 Main Output

The main output faders control the overall volume of the mix sent to your speakers or recording device.

- Use the **L MAIN** and **R MAIN** faders to adjust the left and right channel volumes of the stereo main output.
- Monitor the main output level meters to ensure your signal is not clipping (red LEDs) or too low.

5.6 Product Overview Video

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Video: An official product video from BOMGE MUSIC US, showcasing the BOMGE 06A Professional 6 Channel DJ Audio Mixer, its features, and various angles of the device. This video provides a visual overview of the mixer's design and functionality.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the mixer. Do not use liquid cleaners or aerosols.

- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Dust Protection:** Cover the mixer with a dust cover when not in use for extended periods to prevent dust accumulation in knobs and faders.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Power off; cables loose; volume too low; incorrect input selection.	Check power connection; ensure all cables are securely connected; increase main and channel volumes; verify correct input source.
Distorted sound	Input gain too high; output level too high; faulty cable.	Reduce input GAIN; lower main output faders; try a different cable.
Microphone not working	Phantom power off (for condenser mics); incorrect cable; mic faulty.	Activate +48V phantom power; ensure XLR cable is used; test with another microphone.
Bluetooth not connecting	Mixer not in Bluetooth mode; device too far; interference.	Ensure mixer is in BT mode; move device closer; restart both devices.

8. SPECIFICATIONS

- **Model:** 06A
- **Brand:** BOMGE
- **Number of Channels:** 6 (4 mono mic/line, 1 stereo line)
- **Phantom Power:** +48V (switchable on mono channels)
- **DSP Effects:** 99 built-in effects
- **Equalization:** 3-band EQ per channel, 7-band stereo graphic equalizer on main output
- **Connectivity:** Bluetooth, Auxiliary, USB
- **Power Source:** Corded Electric
- **Voltage:** 16 Volts
- **Item Weight:** 4.4 pounds (2 Kilograms)
- **Product Dimensions:** 7.87 x 7.28 x 1.57 inches
- **Country of Origin:** Mexico

9. WARRANTY INFORMATION

BOMGE products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact BOMGE customer support. Keep your purchase receipt as proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your BOMGE 06A Audio Mixer that are not covered in this manual, please contact BOMGE customer support. You can typically find contact information on the product packaging, the official BOMGE website, or through your retailer.