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BOMGE 06D

BOMGE 6 Channel Audio Sound Mixer User Manual

Model: 06D
Brand: BOMGE

INTRODUCTION

This manual provides detailed instructions for the operation, setup, and maintenance of your BOMGE 06D 6-Channel Audio Sound Mixer. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

PRODUCT OVERVIEW

The BOMGE 06D is a professional digital DJ mixing console designed for live streaming, karaoke, and stereo recording. It features multiple input options, a built-in DSP effects processor, Bluetooth connectivity, and USB recording/playback capabilities.



Figure 1: Front view of the BOMGE 06D 6-Channel Audio Sound Mixer.

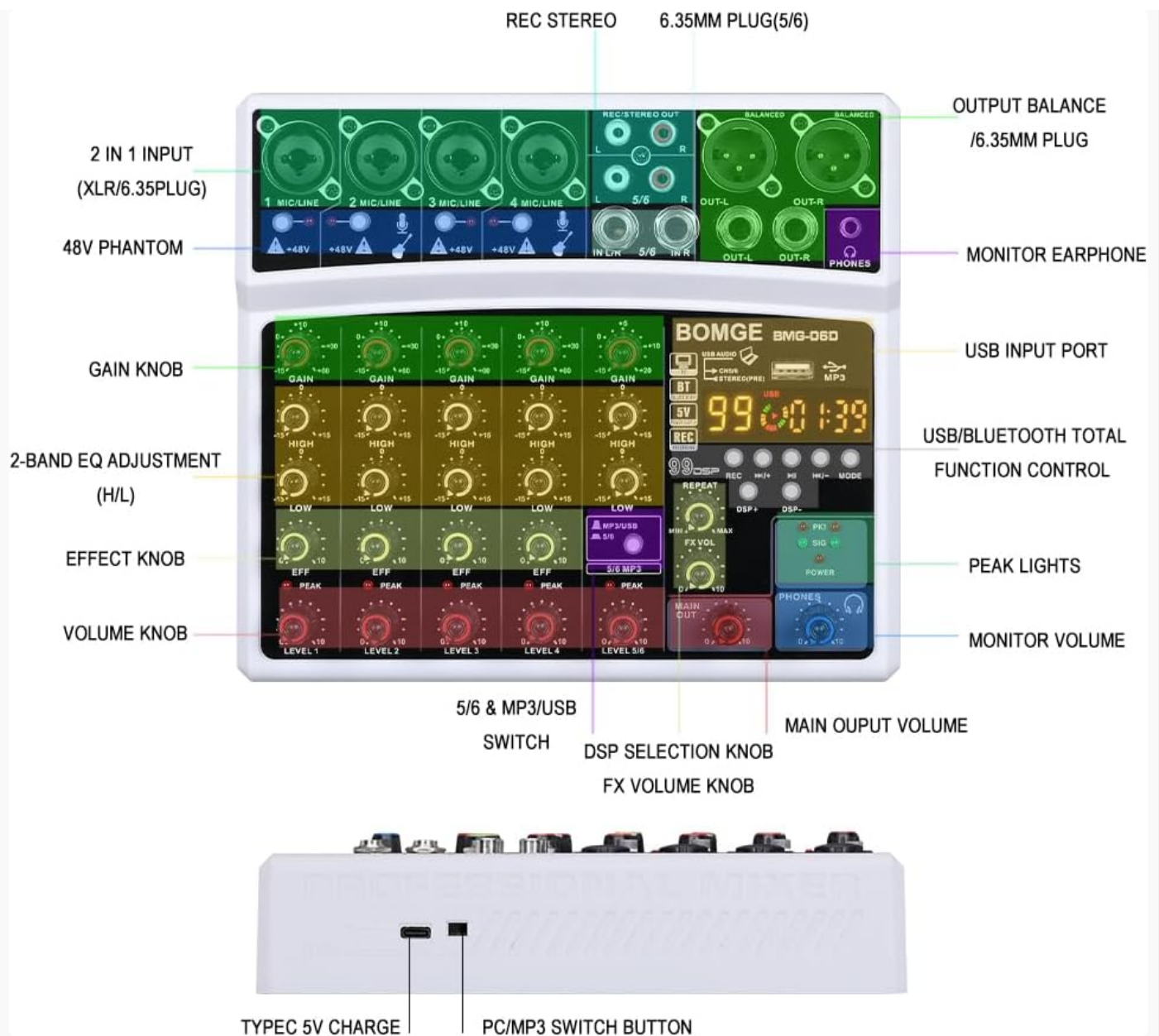


Figure 2: Detailed diagram of the BOMGE 06D mixer's controls and input/output ports.

SETUP

Power Connection

Connect the mixer to a 5V power source using the provided Type-C USB cable. This can be a power bank, computer USB port, or a standard USB power adapter.



Figure 3: Connecting the mixer to a 5V power source.

Input Connections

Microphone and Instrument Inputs (Channels 1-4)

The mixer features 4 XLR/LINE combo jacks for microphones and instruments (e.g., guitar, keyboard, drums). Each channel has independent 48V phantom power, which can be activated for condenser microphones.



Figure 4: Connecting microphones using 48V phantom power.

Stereo Inputs (Channels 5/6)

Connect stereo audio sources using the 1/4" jacks or RCA inputs for channels 5/6.

Output Connections

The mixer provides multiple output options: 1/4" Main and XLR balanced outputs, and RCA stereo output. A 3.5mm AUX output is available for headphone monitoring.

OPERATING INSTRUCTIONS

Basic Mixing Controls

- **GAIN Knob:** Adjusts the input sensitivity for each channel.
- **HIGH/LOW EQ:** Adjusts the treble and bass frequencies for each channel.

- **EFF Knob:** Controls the amount of effect applied to each channel.
- **LEVEL Knob:** Adjusts the output volume for each channel.
- **MAIN OUT Volume:** Controls the overall main output volume.
- **PHONES Volume:** Adjusts the headphone monitoring volume.

DSP Effects Processor

The BOMGE 06D features a built-in 99 DSP effects processor. Use the DSP selection knob to cycle through various effects such as Reverb, Echo, Chorus, Flange, Tremolo, Wah-Wah, Radio voice, Pitch shifter, and Multi FX.

BUILT-IN 99 REVERB DSP

01-27 :Reverb	76-78 :Wah-Wah
28-53 :Early Ref/Delay	79-81 :Radio voice
54-63 :Echo	82-89 :Pitch shifter
64-72 :Chorus/Flange	90-95 :Dis/Odr
73-75 :Tremolo	96-99 :Multi FX

Twist the knob to select the reverb effect you want

Figure 5: Overview of the 99 built-in DSP effects and selection method.

MP3 Module and USB/Bluetooth Functionality

The integrated MP3 module allows for playback of audio from a U disk or computer. It also supports recording directly to a U disk or connected computer.

Bluetooth Streaming

Activate Bluetooth mode on the mixer to wirelessly stream audio from your smartphone, tablet, or other Bluetooth-

enabled devices. The wireless range is approximately 15 feet.



Figure 6: Connecting to the mixer via Bluetooth.

PC/USB Recording and Playback

Connect the mixer to your PC via USB to use it as a soundcard for recording and playback. Use the PC/MP3 switch button to toggle between modes.



Figure 7: USB connection for computer recording and U disk playback.

Video Demonstrations

The following videos provide visual demonstrations of key features and operations.

BOMGE 06D Audio Mixer 99 DSP

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Video 1: A demonstration of the BOMGE 06D audio mixer's 99 DSP effects.

BOMGE 6 Channel DJ Audio Mixer

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Video 2: An overview of the BOMGE 6-channel DJ audio mixer's features and usage scenarios, including audio input, mixing, Bluetooth connection, and PC recording.

SPECIFICATIONS

Feature	Detail
Model Number	06D
Number of Channels	6
Item Weight	1.21 pounds (550 Grams)
Product Dimensions	10.83 x 9.69 x 2.76 inches (7.28"D x 8.46"W x 1.69"H)
Color	White
Material Type	Plastic
Compatible Devices	PC, Android, iPhone, iPod
Connector Type	RCA, 1/4", XLR, 6.35MM
Hardware Interface	Bluetooth, USB, Headphone, USB 3.0
Power Source	Corded Electric
Voltage	5 Volts (AC)
Wattage	2.2 watts
DSP Effects	99 built-in effects

TROUBLESHOOTING

No Sound Output

- Check all cable connections (inputs, outputs, power).
- Ensure all volume knobs (GAIN, LEVEL, MAIN OUT, PHONES) are turned up appropriately.
- Verify that the correct input source is selected (e.g., PC/MP3 switch).
- If using phantom power, ensure it is activated for condenser microphones.

Bluetooth Connection Issues

- Ensure the mixer is in Bluetooth mode.
- Check that Bluetooth is enabled on your device and it is within the 15ft range.
- Forget the device on your phone/tablet and try pairing again.

USB Recording/Playback Not Working

- Ensure the mixer is connected to the computer via USB and the PC/MP3 switch is set to PC.
- Verify that the mixer is selected as the audio input/output device in your computer's sound settings or recording software.
- If using a U disk, ensure it is properly formatted and contains compatible audio files.

SAFETY INFORMATION

- Do not expose the device to rain or moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not open the casing; refer all servicing to qualified personnel.
- Use only the specified power supply.
- Keep out of reach of children.

ADDITIONAL RESOURCES

For further assistance, you may refer to the official User Guide (PDF) available [here](#).

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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

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