

BOMGE 04D

BOMGE BMG-04D 4-Channel Audio Mixer User Manual

Model: 04D
Brand: BOMGE

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your BOMGE BMG-04D 4-Channel Audio Mixer. This portable mixing console is designed for various audio applications, including recording, live streaming, and singing, featuring a USB interface, 48V phantom power, and 16 DSP echo effects.

Key Features

- 16 DSP Echo/Delayed Sound Effects Processor
- 2 Mono Inputs (XLR and 1/4" Plug) with 48V Phantom Power
- 1 Stereo Input (6.3mm XLR, RCA sockets)
- USB/Bluetooth Connectivity
- Built-in Sound Card and Audio Interface for PC/U disk recording
- Wireless Music Streaming from mobile devices

SAFETY INFORMATION

To ensure safe operation and prevent damage, please read and follow these instructions carefully.

- Do not expose the unit to rain or moisture.
- Do not open the casing; refer all servicing to qualified personnel.
- Use only the specified power adapter.
- Ensure proper ventilation to prevent overheating.
- Disconnect power before cleaning or when not in use for extended periods.
- Avoid placing heavy objects on the unit.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- BOMGE BMG-04D Audio Mixer
- Power Adapter (if included, otherwise assume USB cable)
- User Manual (this document)
- USB Cable (if applicable)

Note: Additional cables and conversion connectors shown in some illustrations (e.g., for mobile phone live broadcast) are not included and must be purchased separately.

SETUP

Power Connection

Connect the provided USB power cable to the mixer's USB power input. The mixer can be powered via a PC USB port, power bank, or a power socket with a suitable USB adapter (DC 5V/1A).

Multi-function USB interface

For Data Transfer, record and power supply

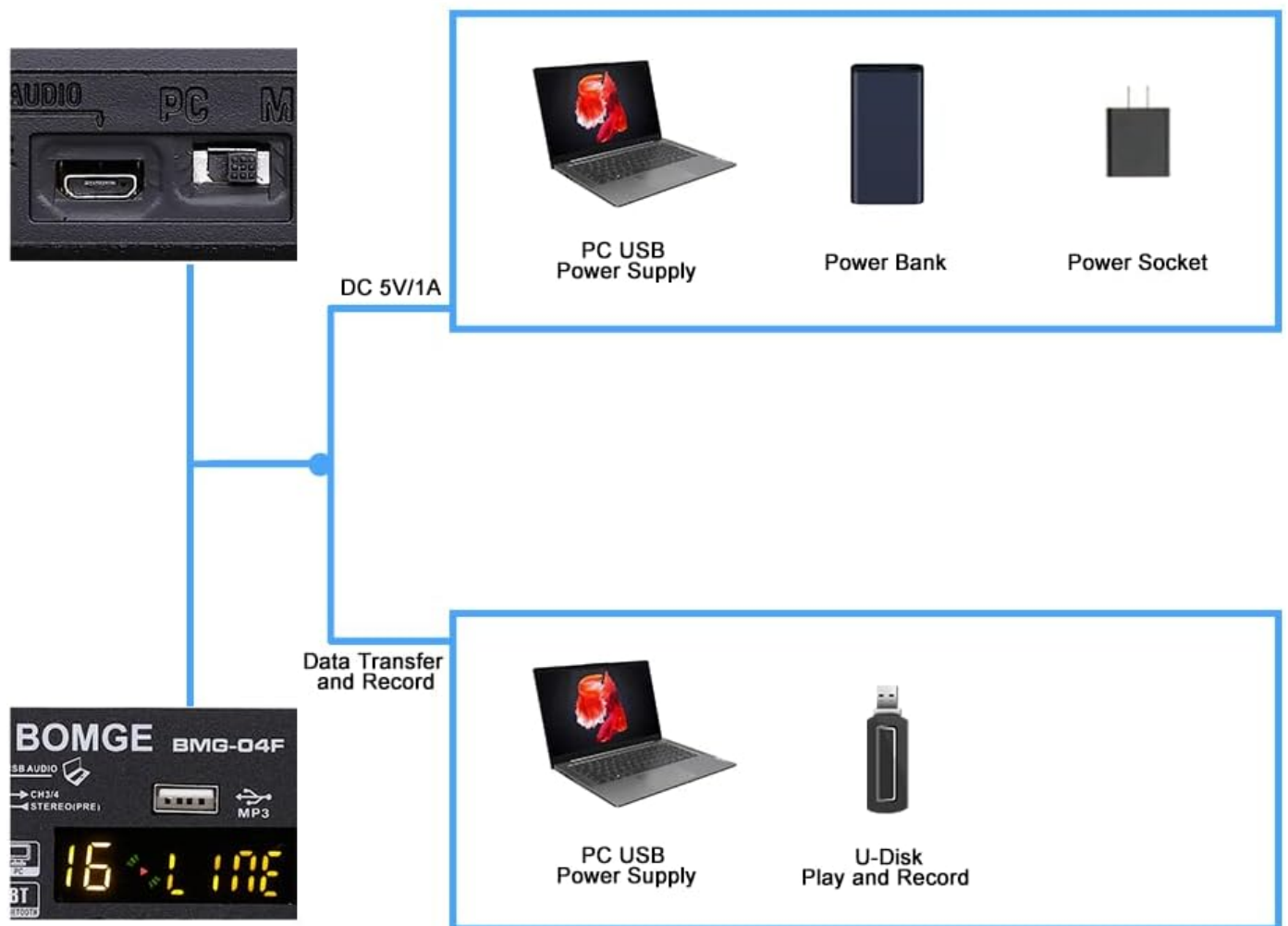


Image: Multi-function USB interface. This image illustrates various power supply options for the mixer, including PC USB power, power bank, and power socket, highlighting its versatility.

Input Connections

The BMG-04D features various input options:

- **MIC/LINE Inputs (Channels 1 & 2):** These are mono inputs supporting both XLR and unbalanced 1/4" (6.3mm) plugs. Use these for microphones (dynamic or condenser) or line-level instruments.
- **48V Phantom Power:** For condenser microphones, activate the +48V phantom power switch located above the XLR inputs.
- **STEREO LINE INPUT (Channels 3/4):** This stereo input uses 6.3mm XLR or RCA sockets for connecting devices like keyboards, CD players, or other stereo audio sources.
- **USB/Bluetooth Input:** For digital audio input from computers or Bluetooth devices.



Image: Top view of the BOMGE BMG-04D mixer. This image provides a clear layout of the mixer's input and output ports, including MIC/LINE inputs, stereo inputs, and main outputs.

It supports various condenser microphones with high performance sound reduction and has ultra-low noise design with high headroom and exquisite plastic chassis. Perfect for both beginners & professional.

Phantom Power **Support**

48V



Image: BOMGE BMG-04D mixer with 48V Phantom Power. This image emphasizes the 48V phantom power support, crucial for condenser microphones, and shows the mixer's compact design.

Compatible with Multiple Devices

Strong compatibility
Including but not limited to the following equipment

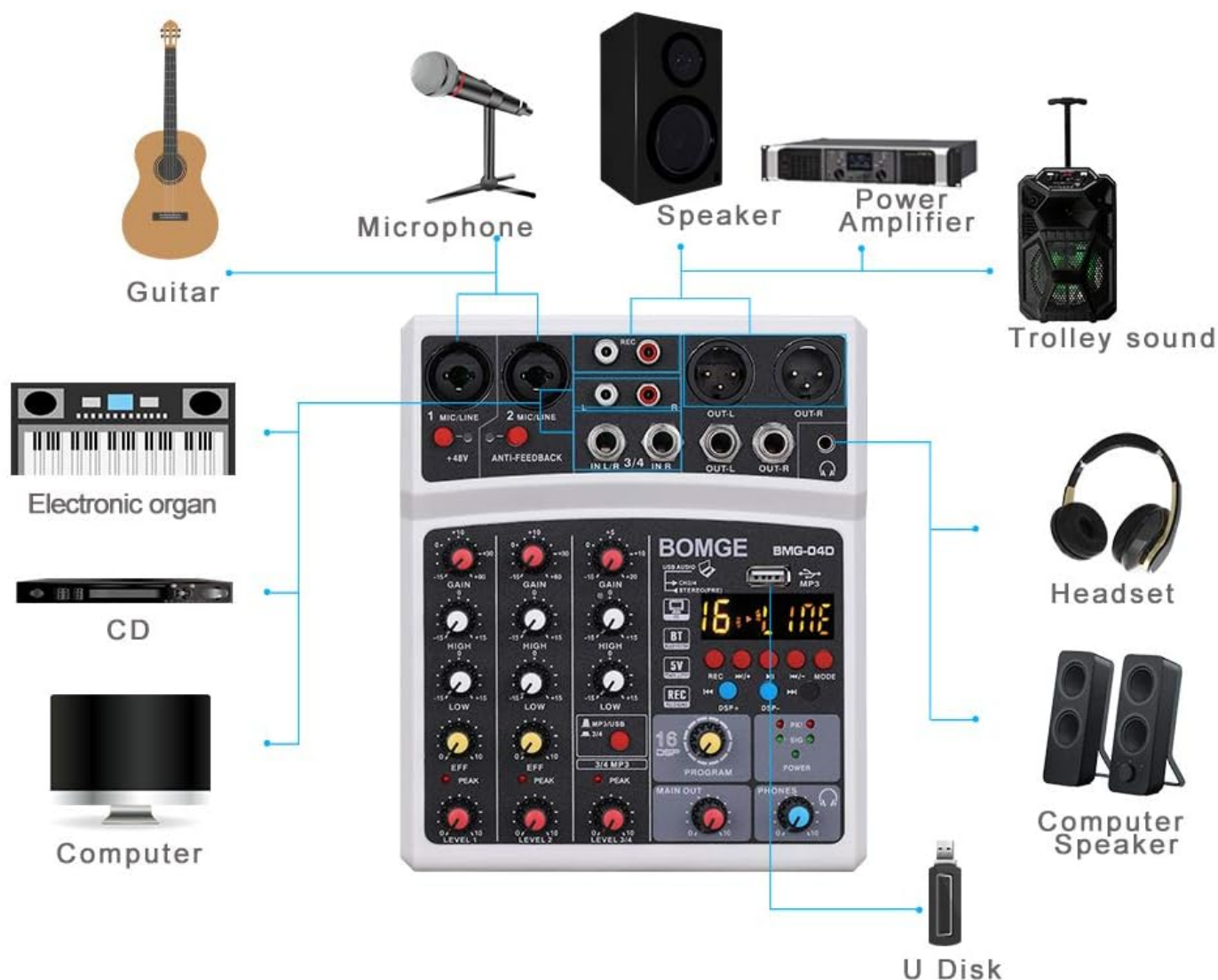


Image: BOMGE BMG-04D mixer connected to various devices. This illustration demonstrates the mixer's strong compatibility with a range of equipment, including guitars, microphones, speakers, and computers.

Output Connections

The mixer provides the following outputs:

- **OUT-L / OUT-R (Balanced XLR):** Main stereo outputs for connecting to powered speakers, power amplifiers, or other audio systems.
- **OUT-L / OUT-R (Unbalanced 1/4"):** Additional main stereo outputs.
- **Headphone Output:** For monitoring your mix.

OPERATING INSTRUCTIONS

Basic Mixing

Each input channel (1, 2, and 3/4) has dedicated controls:

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to an appropriate level to avoid clipping (indicated by

the PEAK light).

- **HIGH/LOW:** Tone controls for adjusting the treble and bass frequencies of each channel.
- **EFF:** Controls the amount of effect (DSP) applied to the channel.
- **LEVEL:** Adjusts the output volume of each channel to the main mix.

The **MAIN OUT** knob controls the overall output volume of the mixer. The **PHONES** knob adjusts the volume for the headphone output.

DSP Effects

The BOMGE BMG-04D features a built-in 16 DSP (Digital Signal Processor) effects engine.

- **PROGRAM Knob:** Rotate this knob to select one of the 16 available effects. The selected effect number will be displayed on the digital screen.
- **DSP +/- Buttons:** Fine-tune parameters of the selected DSP effect.
- **EFF Knob (per channel):** Use this knob on individual channels to send audio to the DSP effects processor.

Your browser does not support the video tag.

Video: Demonstration of the 16 DSP sound effects on the BOMGE BMG-04D mixer. This video shows how to select and apply various effects to improve voice and music performance.

Bluetooth Wireless Connection

To stream music wirelessly from your smartphone, tablet, or computer:

1. Press the **MODE** button on the mixer until "BT" appears on the digital display.
2. On your device, enable Bluetooth and search for "BMG04D" (or similar, refer to your device's Bluetooth settings).
3. Select "BMG04D" to pair. Once connected, you can play audio from your device through the mixer.
4. Use the play/pause and skip track buttons on the mixer to control playback.

Bluetooth Wireless Streaming

quick connection, smart life, stable and reliable,
simple operation and convenient work.



Image: Bluetooth Wireless Streaming. This image illustrates the easy connection process for streaming music wirelessly from a smartphone to the mixer.

USB/MP3/Flash Reader Compatibility

The mixer supports audio playback from a USB flash drive:

1. Insert a USB flash drive containing MP3 files into the USB port.
2. The mixer will automatically switch to USB mode or you may need to select it using the **MODE** button.
3. Use the playback controls (play/pause, next/previous track) on the mixer to navigate your audio files.

USB CONNECTION

Side from Bluetooth connectivity,
It also has a USB Audio Interface for
PC/flash drive Reader connection.
Works w/ smartphone, tablet, laptop, computer



Image: USB Connection. This image highlights the USB Audio Transmission feature, allowing connection to PCs, laptops, and smartphones for audio input and output.

Audio Recording to PC/USB Disk

The mixer has a built-in sound card and audio interface, allowing recording to a PC, U disk, or mobile phone.

Recording to U Disk

1. Ensure a USB flash drive is inserted into the USB port.
2. Press the **REC** button to start recording. The display will show recording time.
3. Press **REC** again to stop recording.
4. To play back the recorded audio, press the **REC** button after stopping the recording.

Recording to PC/MAC

Connect the mixer to your computer via the USB cable. The mixer will be recognized as an audio input device. You can then use your preferred audio recording software (e.g., Audacity, GarageBand) to record the mixer's output.

Mobile Phone Live Broadcast

Multiple mobile phones can be used for live streaming or recording at the same time



Note: The product does not include all the cables & conversion connector in the picture. You need to buy them separately.

Image: Mobile Phone Live Broadcast setup. This image shows how to connect the mixer for live streaming or recording using multiple mobile phones, noting that cables are sold separately.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the mixer. Do not use liquid cleaners or aerosols.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Always grasp the plug, not the cable, when disconnecting. Avoid bending cables sharply.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No power	Power cable not connected; faulty power source	Check power cable connection; try a different USB port or power adapter.
No sound output	Volume knobs too low; incorrect input/output connections; mute engaged	Increase MAIN OUT and channel LEVEL knobs; verify all cables are correctly connected; ensure no channels are muted.
Microphone not working	Phantom power off (for condenser mics); faulty mic/cable; GAIN too low	Activate +48V phantom power; test with a different mic/cable; increase GAIN.
Bluetooth connection issues	Mixer not in BT mode; device not paired; interference	Ensure mixer is in BT mode; re-pair device; move closer to mixer.
Recording not working	USB drive full/formatted incorrectly; software settings (for PC recording)	Check USB drive space and format (FAT32 recommended); verify recording software input settings.

SPECIFICATIONS

- **Model:** BOMGE BMG-04D
- **Channels:** 4 (2 Mono, 1 Stereo, USB/Bluetooth)
- **DSP Effects:** 16 built-in
- **Phantom Power:** +48V
- **Connectivity:** Bluetooth, USB, MP3
- **Power Source:** Corded Electric (5V AC)
- **Item Weight:** 1.32 pounds (approx. 600 grams)
- **Product Dimensions:** 7.2 x 6.1 x 1.73 inches (18.3 x 15.5 x 4.4 cm)

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact BOMGE customer support.

For additional support, visit the official BOMGE store:[BOMGE Music Studio Store](#).

A user guide in PDF format is also available:[User Guide \(PDF\)](#).

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