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› JOYO BSK-60 Battery Powered 60W Acoustic Guitar Amp - User Manual

## JOYO BSK60

# JOYO BSK-60 Battery Powered 60W Acoustic Guitar Amplifier

## USER MANUAL

### 1. Introduction

Thank you for purchasing the JOYO BSK-60 Battery Powered 60W Acoustic Guitar Amplifier. This versatile amplifier is designed to provide clear and powerful amplification for acoustic guitars and vocals, featuring multiple channels, built-in effects, a looper, and anti-feedback functions. Its battery-powered capability makes it ideal for both stage and outdoor performances. This manual will guide you through the setup, operation, and maintenance of your new amplifier.

### 2. Safety Information

- Do not expose the unit to rain or moisture to avoid fire or electric shock.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Use only the specified power adapter.
- Keep the unit away from heat sources and direct sunlight.
- Ensure proper ventilation; do not block ventilation openings.
- Clean only with a dry cloth.

### 3. Package Contents

Please check that all items are present in the package:

- JOYO BSK-60 Acoustic Guitar Amplifier
- Power Adapter
- User Manual (this document)

## 4. Product Overview

Familiarize yourself with the various parts and controls of your JOYO BSK-60 amplifier.



**Figure 4.1:** Front view of the JOYO BSK-60 amplifier, showcasing its speaker grille and JOYO logo.



Figure 4.2: Overhead straight view of the control panel, offering a comprehensive look at all knobs and switches for both guitar and mic channels.



Figure 4.3: Close-up of the control panel, showing Guitar Channel and Mic Channel controls, including input jacks, volume, EQ, and effects.



**Figure 4.4:** Rear panel of the amplifier, displaying various input/output ports such as DC IN, DC OUT, AUX IN, Footswitch, Phones, Line IN/OUT, and Balanced OUT.

### Control Panel Features:

- **Guitar Channel:** Input, Phase, Volume, Bass, Middle, Treble, Chorus, Reverb, Delay, Anti-Feedback.
- **Mic Channel:** Input, Volume, Bass, Treble, Reverb, Looper.
- **Master Section:** Looper controls, Bluetooth, Link, Master Volume, Mute, Battery indicator, Power switch.

### Rear Panel Features:

- **DC IN:** Power input for the included adapter.
- **DC OUT:** Power output for external devices.
- **AUX IN:** Stereo input for external audio sources (e.g., phone, MP3 player).
- **Footswitch:** Input for an optional footswitch to control looper and effects.
- **Phones:** Headphone output.
- **Line IN/OUT:** Line level input and output for connecting to other audio equipment.
- **Balanced OUT:** XLR output for professional audio connections.

## 5. Setup

Follow these steps for initial setup:

1. **Power Connection:** Connect the provided power adapter to the DC IN port on the rear panel and plug it into a suitable power outlet. The amplifier can also operate on its internal battery.
2. **Power On:** Press the POWER switch on the control panel to turn on the amplifier. The battery indicator will

show the current charge level.

3. **Guitar Connection:** Plug your acoustic guitar into the GUITAR CHANNEL INPUT jack.
4. **Microphone Connection:** Plug your microphone into the MIC CHANNEL INPUT jack.
5. **Auxiliary Devices:** For external audio playback, connect your device to the AUX IN port using a 3.5mm stereo cable.



**Figure 5.1:** The JOYO BSK-60 amplifier positioned next to an acoustic guitar, demonstrating a typical setup for practice or performance.

## 6. Operating Instructions

### 6.1. Guitar Channel Operation

- **Input:** Connect your acoustic guitar.
- **Phase:** Use this switch to reverse the phase of the input signal, which can help reduce feedback.
- **Volume:** Adjust the overall volume of the guitar channel.
- **EQ (Bass, Middle, Treble):** Shape the tone of your guitar. Turn knobs clockwise to boost frequencies, counter-clockwise to cut.
- **Chorus:** Engages a chorus effect. Adjust the knob for intensity.
- **Reverb:** Adds a spacious reverb effect. Adjust the knob for decay time/intensity.
- **Delay:** Adds an echo effect. Adjust the knob for delay time/mix.
- **Anti-Feedback:** Helps eliminate unwanted feedback. Use the frequency scan and notch filter to target problematic frequencies.

## 6.2. Mic Channel Operation

- **Input:** Connect your microphone.
- **Volume:** Adjust the overall volume of the microphone channel.
- **EQ (Bass, Treble):** Shape the tone of your vocals.
- **Reverb:** Adds a spacious reverb effect to your vocals.

## 6.3. Looper Function

The built-in looper allows you to record and playback phrases. Controls are typically Record, Play/Stop, Undo/Redo, and Clear. Refer to the specific markings on the looper section of the control panel for detailed operation.

## 6.4. Bluetooth Connectivity

Press the Bluetooth button to activate pairing mode. Search for 'JOYO BSK-60' on your Bluetooth device (e.g., smartphone, tablet) and connect to stream audio wirelessly through the amplifier.

## 6.5. Master Volume

The MASTER knob controls the overall output volume of the amplifier, affecting both guitar and mic channels, as well as auxiliary inputs.

## 7. Maintenance

- **Cleaning:** Wipe the amplifier with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to about 50% and recharge every few months.

## 8. Troubleshooting

Problem	Possible Cause	Solution
No sound output	Power off; volume too low; incorrect cable connection; instrument/mic issue.	Check power switch and adapter; increase Master/Channel volume; ensure cables are securely connected; test instrument/mic with another device.
Distorted sound	Input signal too high; volume too high; faulty cable.	Reduce instrument/mic volume; lower channel or master volume; try a different cable.
Feedback (howling)	Microphone/guitar too close to speaker; high gain/volume settings; room acoustics.	Engage Anti-Feedback function; reduce volume; change position of instrument/mic relative to amplifier; adjust EQ.

Problem	Possible Cause	Solution
Bluetooth not connecting	Bluetooth not in pairing mode; device too far; interference.	Ensure Bluetooth button is pressed and indicator is blinking; bring device closer; restart amplifier and device.

## 9. Specifications



Figure 9.1: Image illustrating the dimensions (height, width, depth) of the JOYO BSK-60 amplifier.

Feature	Detail
Brand	JOYO
Model Name	BSK-60
Output Wattage	60 Watts
Power Source	Battery Powered
Compatible Devices	Guitar
Speaker Output Channel Quantity	2

Feature	Detail
Product Dimensions (D x W x H)	40 cm x 45 cm x 59 cm
Item Weight	2 kg
Color	Brown
Date First Available	16 October 2020

## 10. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official JOYO website. Keep your purchase receipt as proof of purchase for any warranty claims.