COOLMUSIC BP80

Coolmusic BP80 Portable Bluetooth Guitar Amplifier User Manual

Model: BP80

1. Introduction

Thank you for purchasing the Coolmusic BP80 Portable Bluetooth Guitar Amplifier. This versatile 100W amplifier is designed for musicians requiring a portable, multi-functional sound solution. It features Bluetooth connectivity, multiple input channels for instruments and microphones, a 3-band EQ, and built-in effects, all powered by a rechargeable lithium-ion battery for extended use.

2. Safety Instructions

- Read all instructions before operating the device.
- Do not expose the amplifier to rain or moisture.
- Do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- Avoid placing the amplifier near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

3. Package Contents

Verify that all items are present in the package:

- Coolmusic BP80 Portable Bluetooth Guitar Amplifier
- Power Adapter
- Microphone
- XLR to 1/4" Instrument Cable

- 3.5mm AUX Cable
- User Manual (this document)

4. Product Overview

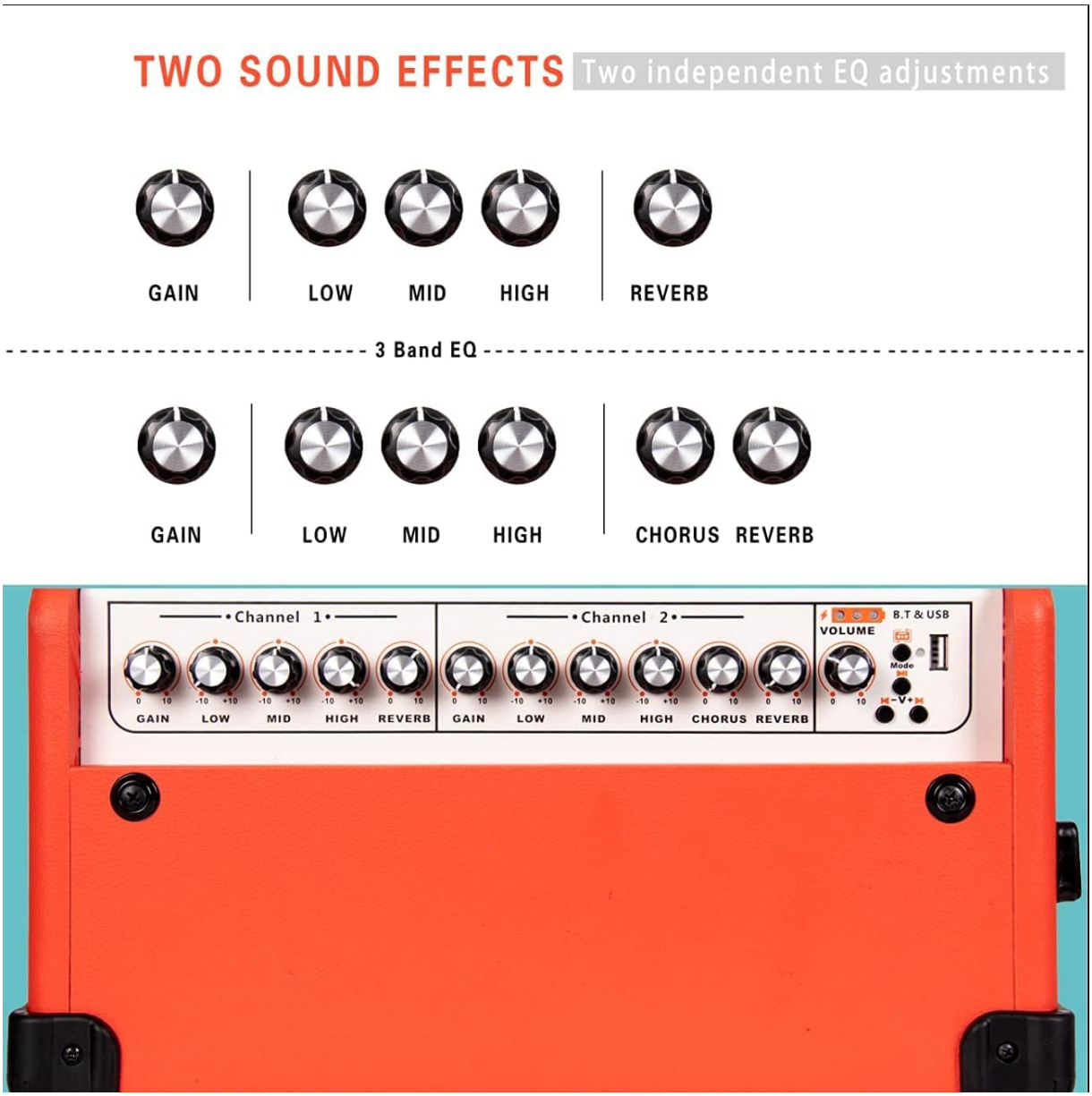
Front Panel



This image displays the front of the Coolmusic BP80 amplifier, featuring the protective speaker grille and the 'BP80 STREET PRO 100W' branding. The amplifier is designed with an 8-inch woofer and a 3-inch tweeter for clear sound output.

A closer look at the front panel, highlighting the speaker configuration: an 8-inch woofer and a 3-inch tweeter, contributing to the 100W output.

Top Control Panel

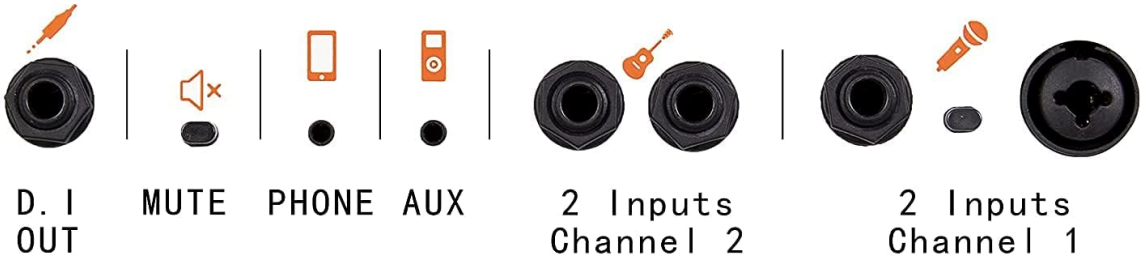


This image shows the top control panel of the amplifier. It features individual controls for two channels, including Gain, Low, Mid, High, and Reverb for each. Additionally, there are controls for Bluetooth/USB input and a master volume knob.

Rear Panel

Amplifier tailored for singers

Provide rich tones and diversified capabilities





The rear panel of the BP80 amplifier is shown, featuring the power switch, DC input (24V/2.5A), DI Out, Headphone output, Mute button, Phone input, Aux input, two inputs for Channel 2 (guitar/keyboard), and a combined XLR/TRS input for Channel 1 with 48V phantom power for microphones.

Side View and Portability



This image provides a side view of the amplifier, showcasing its robust construction and the integrated carrying handle for easy transport.

5. Setup

1. **Unpacking:** Carefully remove the amplifier and all accessories from the packaging.
2. **Placement:** Place the amplifier on a stable, flat surface. Ensure adequate ventilation around the unit.
3. **Power Connection:** Connect the provided power adapter to the DC IN port on the rear panel and then to a suitable power outlet. The internal battery will begin charging.
4. **Initial Charge:** For optimal battery life, fully charge the amplifier before its first use. The battery provides up to 6 hours of playback on a full charge.

6. Operating Instructions

Power On/Off

Locate the POWER switch on the rear panel. Flip it to the 'ON' position to power on the amplifier. Flip it to 'OFF' to power down the unit.

Connecting Instruments and Microphones

The BP80 features 4 input channels:

- **Channel 1 (Microphone):** Use the combined XLR/TRS input for microphones. This channel supports 48V phantom power for condenser microphones.
- **Channel 2 (Instruments):** Use the two 1/4" inputs for instruments such as guitars or keyboards.
- **Phone Input:** Connect a smartphone or other device via a 3.5mm cable.
- **AUX Input:** Connect external audio sources via the AUX port.

Bluetooth Connectivity

1. Power on the amplifier.

2. Press the 'Mode' button on the top control panel to select Bluetooth mode. The Bluetooth indicator light will flash.
3. On your device (smartphone, tablet), enable Bluetooth and search for 'BP80'.
4. Select 'BP80' to pair. Once paired, the indicator light will remain solid.
5. You can now stream audio wirelessly to the amplifier.



This diagram illustrates the wide compatibility of the BP80 amplifier, showing connections to smartphones, tablets, and laptops via Bluetooth and USB.

USB Playback

Insert a USB drive containing MP3 files into the USB port on the top panel. The amplifier will automatically switch to USB mode and begin playback. Use the playback controls (play/pause, next/previous track) on the top panel.

Adjusting Sound (EQ and Effects)

Each channel (Channel 1 and Channel 2) has independent controls for:

- **Gain:** Adjusts the input sensitivity for the connected instrument/microphone.
- **Low, Mid, High:** These are 3-band EQ controls to shape the tone of your sound. Adjust them to achieve your desired bass, midrange, and treble frequencies.
- **Reverb:** Adds a spacious, echoing effect to the sound.
- **Chorus (Channel 2 only):** Adds a rich, shimmering effect by slightly detuning and delaying the signal.

The master VOLUME knob controls the overall output level of the amplifier.

DI Out and Headphone Output

- **DI Out:** Use the DI OUT port to send a balanced signal to a mixing console or another amplifier.
- **Headphone:** Connect headphones to the HEADPHONE jack for silent practice or monitoring.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosols.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if the amplifier is not in use for extended periods.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power switch off, low battery, power adapter not connected	Ensure power switch is ON. Charge the battery. Check power adapter connection.
No sound output	Volume too low, incorrect input selected, faulty cable, instrument/microphone not connected properly	Increase master volume and channel gain. Verify correct input. Check all cable connections. Test with another cable/instrument.
Bluetooth not pairing	Amplifier not in Bluetooth mode, device too far, interference	Ensure amplifier is in Bluetooth mode. Move device closer to amplifier. Restart both devices.

Problem	Possible Cause	Solution
Distorted sound	Gain too high, master volume too high, faulty cable	Reduce channel gain or master volume. Check cables for damage.

9. Specifications

- **Brand:** COOLMUSIC
- **Model:** BP80
- **Output Power:** 100 Watts
- **Dimensions (LxWxH):** 36 x 28 x 28 cm
- **Weight:** 9 Kilograms
- **Connectivity:** Bluetooth, AUX, USB
- **Number of Channels:** 4 (2 instrument/mic, 1 phone, 1 AUX/USB)
- **Compatible Devices:** Smartphone, CD/MP3 player, USB device, Guitar, Keyboard, Microphone
- **Power Source:** Battery powered (Lithium-ion) / DC 24V/2.5A
- **Battery Life:** Up to 6 hours (rechargeable)
- **Material:** Plastic, Metal
- **Color:** Orange

10. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Coolmusic customer service through their official website or your retailer.