

COOLMUSIC BP80

Coolmusic BP80 Battery Powered Acoustic Guitar Amplifier Instruction Manual

Brand: COOLMUSIC | Model: BP80

1. PRODUCT OVERVIEW

The Coolmusic BP80 is a versatile 100W battery-powered acoustic guitar amplifier and portable Bluetooth speaker, designed for musicians requiring multiple inputs and robust sound on the go. It features a powerful 8-inch woofer and 3-inch tweeter for clear, dynamic sound, and offers extensive connectivity options including Bluetooth, phone input, CD/MP3 input, and USB plugin.

Key features include:

- **6 Inputs:** Four inputs for musical instruments (guitar, piano, keyboard, etc.) and two auxiliary inputs, accommodating small bands.
- **100 Watt Output:** Delivers powerful and clear audio.
- **Bluetooth Connectivity:** Seamless wireless connection for audio playback.
- **48V Phantom Power:** Supports both condenser and dynamic microphones.
- **Rechargeable Battery:** Provides 6-8 hours of operation on a single 5-hour charge.
- **Independent EQ Adjustment:** Two independent 3-band EQ adjustments (Low, Mid, High) for precise tone shaping.



Figure 1: Front angled view of the Coolmusic BP80 amplifier, showcasing its compact and robust design.

2. SETUP GUIDE

2.1 Initial Charging

Before first use, fully charge the BP80 amplifier. Connect the provided power adapter to the DC-IN port on the rear panel and plug it into a standard electrical outlet. A full charge typically takes approximately 5 hours and provides 6-8 hours of usage depending on volume levels.

2.2 Connecting Instruments and Microphones

The BP80 offers multiple input options:

- **Channel 1 (Microphone):** Connect a microphone to the XLR/TRS combo jack. For condenser microphones, activate the 48V phantom power switch located above the input.
- **Channel 2 (Instrument):** Connect instruments like guitars, keyboards, or bass to the 1/4" TRS input jacks.
- **Auxiliary Inputs:** Use the PHONE or AUX inputs for connecting mobile phones, CD players, or MP3 devices.

Amplifier tailored for singers

Provide rich tones and diversified capabilities

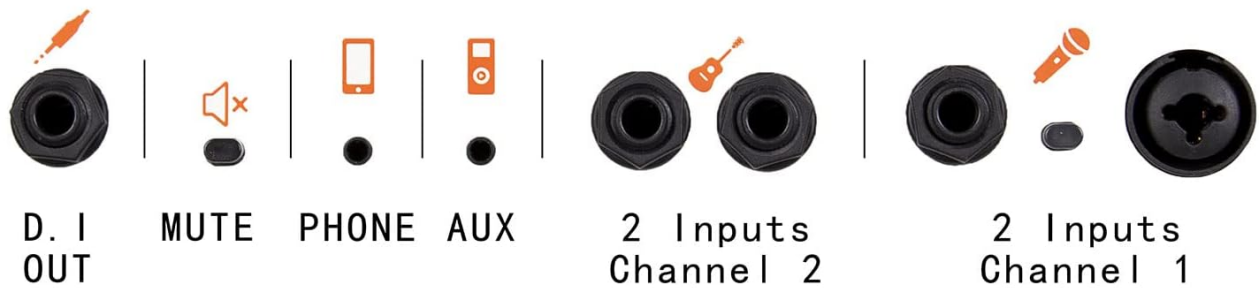


Figure 2: Rear panel of the BP80 amplifier, detailing the various input and output ports.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

To power on the amplifier, toggle the 'POWER' switch on the rear panel to the 'ON' position. To power off, toggle the switch to 'OFF'.

3.2 Adjusting Sound (EQ and Effects)

Each channel features independent controls for Gain, 3-Band EQ (Low, Mid, High), and Reverb. Channel 2 also includes a Chorus effect.

- **Gain:** Adjusts the input sensitivity for each channel.
- **Low, Mid, High:** Controls the bass, midrange, and treble frequencies to shape your tone.
- **Reverb:** Adds a spacious, echoing effect to the sound.
- **Chorus (Channel 2 only):** Creates a rich, shimmering effect by slightly detuning and delaying the sound.



Figure 3: Close-up of the BP80 control panel, showing Gain, EQ, Reverb, and Chorus knobs for both channels.

3.3 Bluetooth Pairing

To connect a Bluetooth device:

1. Ensure the amplifier is powered on.
2. Activate Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Select "COOLMUSIC BP80" from the list of available Bluetooth devices.
4. Once paired, you can stream audio wirelessly to the amplifier.

Headphones listening



Figure 4: The BP80 amplifier demonstrating its Bluetooth connectivity with various smart devices.

3.4 Headphone Monitoring

Connect headphones to the 'HEADPHONE' jack on the rear panel for private monitoring. The 'MUTE' switch can be used to silence the main speaker output while headphones are connected.



 **Bluetooth**



Figure 5: The BP80 amplifier's headphone output and mute function for silent practice or monitoring.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid completely draining the battery frequently. Recharge the unit regularly, even if not in constant use.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Power off; volume too low; incorrect input connection; mute engaged.	Ensure power is ON, increase master and channel volumes, check all cable connections, disengage mute.
Bluetooth connection issues or low volume	Device too far; interference; device volume low; amplifier not in pairing mode.	Move device closer to amplifier; ensure no obstructions; increase volume on both device and amplifier; re-pair Bluetooth.
Distorted sound	Input gain too high; master volume too high; faulty cable/instrument.	Reduce input gain and/or master volume; test with different cables/instruments.
Microphone not working with phantom power	48V switch not engaged; faulty microphone.	Ensure 48V phantom power switch is ON for condenser microphones; test with another microphone.

Problem	Possible Cause	Solution
USB playback issues	Incompatible file format; corrupted USB drive; drive not recognized.	Ensure audio files are in supported formats (e.g., MP3); try a different USB drive; reformat USB drive if necessary.

6. SPECIFICATIONS

- **Output Wattage:** 100 Watts
- **Speakers:** 8-inch woofer, 3-inch tweeter
- **Inputs:** 4 musical instrument inputs, 2 auxiliary inputs (Phone, AUX), USB
- **Microphone Input:** XLR/TRS combo jack with 48V Phantom Power
- **Effects:** Reverb (both channels), Chorus (Channel 2)
- **EQ:** Independent 3-Band EQ (Low, Mid, High) for each channel
- **Connectivity:** Bluetooth
- **Battery:** Lithium Polymer (included), 6-8 hours working time after 5 hours charge
- **Product Dimensions:** 14.6"D x 12.8"W x 11.8"H (12.8 x 14.57 x 11.81 inches)
- **Item Weight:** 22 pounds
- **Compatible Devices:** Guitar, Keyboard, Bass, Microphones, Mobile Phones, MP3 Players



Figure 6: Dimensions of the Coolmusic BP80 amplifier.

7. WARRANTY INFORMATION

The Coolmusic BP80 Battery Powered Acoustic Guitar Amplifier comes with a 3-Year Warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included with your product or contact Coolmusic customer support.

8. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your Coolmusic BP80 amplifier, please contact Coolmusic customer support through their official website or the retailer from whom you purchased the product. Have your model number (BP80) and purchase details ready for faster service.