COOLMUSIC DM100

Coolmusic DM100 100-Watt Electronic Drum and Keyboard Amplifier User Manual

Model: DM100

1. INTRODUCTION

Thank you for purchasing the Coolmusic DM100 100-Watt Electronic Drum and Keyboard Amplifier. This amplifier is designed to provide clear and powerful sound for electronic drums, keyboards, and other instruments. It features a coaxial speaker design, 3-band EQ, DI Out, and wireless audio connectivity. Please read this manual thoroughly to ensure proper operation and to maximize your enjoyment of this product.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself and others:

- Do not expose this unit to rain or moisture.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Ensure the power supply voltage matches the requirements specified on the unit.
- Place the unit on a stable surface to prevent it from falling.
- Keep the unit away from heat sources and direct sunlight.
- Disconnect the power cord during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Coolmusic DM100 Amplifier
- Power Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The Coolmusic DM100 is a versatile 100-watt amplifier designed for various electronic instruments. It features a coaxial

speaker system with a 10-inch woofer and a 3-inch tweeter for balanced sound reproduction. The unique 40-degree elevation angle directs sound towards the user for improved monitoring.

Image: Front view of the Coolmusic DM100 amplifier, showing the speaker grille and control panel.

Image: Angled view of the Coolmusic DM100 amplifier, highlighting its compact design.

Image: Diagram illustrating the 40-degree elevation angle of the amplifier for optimal sound projection.

Image: Close-up of the amplifier's speaker components, showing the 10-inch woofer and 3-inch tweeter.

5. SETUP

Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the amplifier from its packaging.
2. **Placement:** Place the amplifier on a stable, flat surface. The built-in elevation angle is designed to direct sound upwards.
3. **Power Connection:** Connect the supplied power cable to the amplifier's power input and then to a suitable AC power outlet.
4. **Initial Power On:** Ensure all volume knobs are set to their minimum position before turning on the amplifier using the power switch.

6. OPERATING INSTRUCTIONS

The DM100 amplifier offers multiple input options and sound controls.

3-inch tweeter

10-inch woofer

SOUND

CLERR   SHOCKING   TRANSPARENT

which meets the needs of various music styles.

Image: Close-up of the amplifier's control panel, showing inputs, volume, EQ, and MP3/Bluetooth controls.

6.1. Connecting Instruments

- **Input 1 & 2:** Use these 1/4-inch (6.35mm) inputs to connect your electronic drum kit, keyboard, or other instruments. Adjust the individual volume knobs for each input.
- **Microphone Input:** The amplifier includes a dedicated microphone input for vocal or instrument amplification.

6.2. Wireless Audio Connection (Bluetooth)

The DM100 supports wireless audio streaming via Bluetooth.

Amplifier tailored for drummers

Provide rich tones and diversified capabilities

2 Inputs   2 Volume   3 Band EQ   U disk   D.I OUT

Image: Diagram showing a smartphone and tablet wirelessly connected to the amplifier via Bluetooth.

1. **Activate Bluetooth:** Press the 'MODE/MP3' button on the control panel until the Bluetooth indicator light illuminates.
2. **Pairing:** On your mobile device (phone, tablet, etc.), enable Bluetooth and search for available devices. Select 'COOLMUSIC DM100' to pair.
3. **Playback:** Once paired, you can play audio from your device through the amplifier. Adjust the 'MP3 VOL' knob for the desired volume.

6.3. USB Playback

Play audio files directly from a USB drive.

1. **Insert USB:** Insert a USB drive containing MP3 files into the USB port.
2. **Select Mode:** Press the 'MODE/MP3' button until the USB mode is active.
3. **Control Playback:** Use the playback controls (play/pause, next/previous track) and the 'MP3 VOL' knob to manage audio.

6.4. Tone Control (3-Band EQ)

Adjust the amplifier's tonal characteristics using the 3-band equalizer.

- **LOW:** Controls the bass frequencies. Turn clockwise to boost bass, counter-clockwise to cut.
- **MID:** Controls the mid-range frequencies. Turn clockwise to boost mids, counter-clockwise to cut.
- **HIGH:** Controls the treble frequencies. Turn clockwise to boost treble, counter-clockwise to cut.

6.5. DI Out (Balanced Output)

The DI Out allows you to send a balanced audio signal to a mixing console, another amplifier, or a recording interface.

Image: Close-up of the amplifier's control panel, highlighting the DI Out port and its connection to external audio equipment.

- Connect a standard XLR cable from the 'D.I OUT' port to your desired external audio device.
- This output provides a clean, balanced signal suitable for live sound or studio recording.

7. MAINTENANCE

To ensure the longevity and optimal performance of your DM100 amplifier:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the amplifier in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block any ventilation openings.

8. TROUBLESHOOTING

If you encounter issues with your DM100 amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Outlet malfunction	Check power cable connection; Ensure power switch is ON; Test with a different power outlet.
No sound output	Volume knobs too low; Instrument cable faulty; Incorrect input selected; Bluetooth not paired	Increase master and input volumes; Test with a different cable; Ensure instrument is connected to correct input; Re-pair Bluetooth device.
Distorted sound	Input volume too high; EQ settings extreme; Faulty cable/instrument	Reduce input volume; Adjust EQ settings to a neutral position; Test with different cables/instruments.
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Interference	Press 'MODE/MP3' button to select Bluetooth; Move device closer to amplifier; Avoid other wireless devices.

9. SPECIFICATIONS

Feature	Detail
Model	DM100
Output Wattage	100 Watts
Speaker Configuration	10-inch Woofer, 3-inch Tweeter (Coaxial)
Inputs	2 x 1/4" Instrument Inputs, Microphone Input, USB Type B
Outputs	DI Out (Balanced)
EQ	3-Band (Low, Mid, High)
Wireless Connectivity	Bluetooth
Power Source	Corded Electric

Feature	Detail
Body Material	Bass Wood
Product Dimensions	16.14"D x 14.17"W x 13.39"H (41cm x 36cm x 34cm)
Item Weight	30.8 pounds (13 kg)
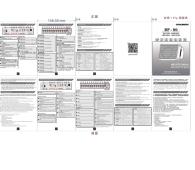
10. WARRANTY

Coolmusic products are designed and manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship for a period specified at the point of purchase. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accident, modification, or unauthorized repair.

11. SUPPORT

For technical support, warranty inquiries, or further assistance, please contact Coolmusic customer service through the retailer where you purchased the product or visit the official Coolmusic website for contact information.

Related Documents - DM100

[Coolmusic DM100 Personal Monitor Amplifier Owner's Manual](#)
This manual provides detailed information on the features, functions, and safety instructions for the Coolmusic DM100 Personal Monitor Amplifier, including specifications and operating guidelines.

[COOLMUSIC BP-80 Portable Amplifier User Manual](#)
Comprehensive user manual for the COOLMUSIC BP-80 battery-powered portable amplifier, detailing its features, interface, controls, troubleshooting steps, and technical specifications for optimal performance.

[COOLMUSIC BP-MINI Portable Amplifier User Manual and Specifications](#)
Comprehensive guide to the COOLMUSIC BP-MINI 30 Watt Battery Powered Portable Amplifier, including panel descriptions, technical specifications, safety instructions, and FCC compliance.

	[COOLMUSIC Professional Electronic Drum User Manual](#) User manual for the COOLMUSIC Professional Electronic Drum, detailing features, setup, operation, and customization of models DM 20, DM 30, DM 35S, DM 100, and DK 200.
	[COOLMUSIC DM 20 Electronic Drum Amplifier User Manual](#) User manual for the COOLMUSIC DM 20, a 20W electronic drum amplifier. Covers safety precautions, functions, controls, specifications, and warranty information.
	[COOLMUSIC BP40 Battery Powered Guitar Amplifier Owner's Manual | 40W Portable Amp](#) Comprehensive owner's manual for the COOLMUSIC BP40, a 40W battery-powered portable guitar amplifier. Learn about features, setup, troubleshooting, and technical specifications for this versatile, lightweight, and portable amplifier.