

AIMAX DX2

AIMAX Karaoke Machine DX2 Instruction Manual

Model: DX2

INTRODUCTION

Thank you for choosing the AIMAX Karaoke Machine DX2. This portable karaoke system is designed to provide dynamic sound quality and versatile connectivity for various entertainment needs. It features a 6.5-inch full-frequency speaker, a 1.5-inch tweeter, and comes with two wireless microphones. This manual provides essential information for setting up, operating, and maintaining your device.

PACKAGE CONTENTS

Please ensure all items are present in the package:

- 1 x AIMAX Karaoke Machine (Main Unit)
- 2 x Wireless Karaoke Microphones
- 1 x Audio Cable
- 1 x Type-C Charging Cable
- 1 x User Guide (This manual)

PRODUCT OVERVIEW

Control Panel and Ports

Functions Guide



LIGHT/TWS Button
Lights/Pairing Two Speakers
MENU Button
Adjust Microphone Volume(H)/ ECHO(E)/Total Volume(V)
MODE Button
Switch BT(Bluetooth)/AUX/ USB/TF (TF Card)/functions
EQ Button
Equalization, Classic/Country/Jazz/Normal



Image: Top control panel and rear input/output ports of the karaoke machine.

The AIMAX Karaoke Machine features an intuitive control panel on the top and various connectivity ports on the rear for versatile use.

Top Control Panel:

- **LIGHT/TWS Button:** Controls LED lighting effects and initiates True Wireless Stereo pairing.
- **MENU Button:** Accesses settings for microphone volume, echo, and total volume.
- **EQ Button:** Cycles through equalization presets (Classic, Country, Jazz, Normal).
- **POWER Button:** Turns the unit on or off.
- **MODE Button:** Switches between input modes (Bluetooth, AUX, USB, TF Card).
- **Volume Controls (+/-):** Adjusts the main volume.
- **Track Controls (Previous/Next/Play/Pause):** Navigates media playback.

Rear Ports:

- **MIC:** 6.35mm input for wired microphones (if desired).
- **AUX:** 3.5mm auxiliary input for external audio devices.
- **TF:** Slot for TF (MicroSD) cards.
- **USB:** USB port for flash drives.
- **DC5V:** Type-C charging port.

Speaker and Microphones



Image: Diagram showing the internal 6.5-inch full-range speaker and 1.5-inch tweeter.

The system features a 6.5-inch full-range speaker and a 1.5-inch tweeter for clear and powerful audio output. The two included wireless microphones are designed for ease of use and reliable performance.

SETUP

1. Charging the Karaoke Machine

1. Connect the provided Type-C charging cable to the DC5V port on the rear of the karaoke machine.
2. Plug the other end of the cable into a compatible USB power adapter (not included) or a USB port.
3. The charging indicator light will illuminate. Allow approximately 3-4 hours for a full charge, providing 5-7 hours of playtime.

2. Installing Batteries in Microphones

1. Unscrew the bottom part of each wireless microphone.
2. Insert two AA batteries into each microphone, ensuring correct polarity (+/-). *(Note: AA batteries are not included.)*
3. Screw the bottom part back onto the microphone.

3. Powering On/Off

1. Press and hold the **POWER** button on the top control panel to turn the karaoke machine on or off.
2. Turn on the wireless microphones using their respective power switches. They will automatically pair with the main unit.

OPERATION

1. Selecting Input Mode

Press the **MODE** button on the control panel to cycle through available input modes:

- **Bluetooth Mode:** For wireless connection to smartphones, tablets, and other Bluetooth-enabled devices.
- **AUX-IN Mode:** For wired connection using the 3.5mm audio cable.

- **USB Mode:** For playing audio files from a USB flash drive.
- **TF Card Mode:** For playing audio files from a TF (MicroSD) card.

2. Bluetooth Connection

1. Turn on the karaoke machine and select Bluetooth mode. The display will show "BLUE" and an indicator light may flash.
2. On your device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "AIMAX DX2" (or similar name) from the list to pair. A confirmation sound will indicate a successful connection.

3. TWS (True Wireless Stereo) Pairing (Requires two AIMAX DX2 units)

1. Ensure both AIMAX DX2 units are powered on and in Bluetooth mode.
2. On one unit (this will be the primary unit), press and hold the **LIGHT/TWS** button until you hear a pairing tone.
3. The two units will automatically connect to each other. Once connected, they will function as a stereo pair.
4. Connect your Bluetooth device to the primary unit as described in the Bluetooth Connection section.

4. Microphone Usage and Effects

1. Ensure microphones are powered on and paired.
2. Press the **MENU** button to cycle through microphone volume, echo level, and total volume settings. Use the +/- buttons to adjust.
3. Press the **EQ** button to apply different equalization effects to the music, such as Classic, Country, Jazz, or Normal.

5. LED Lighting Effects



Image: The karaoke machine displaying different LED light colors.

Press the **LIGHT/TWS** button (short press) to change the LED light patterns and colors. The lights synchronize with the music to enhance the atmosphere.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.

- **Storage:** Store the karaoke machine and microphones in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If the unit will not be used for an extended period, fully charge it before storage and recharge every 3 months to prolong battery life. Remove batteries from microphones if not used for a long time.
- **Water Exposure:** Keep the device away from water or excessive moisture to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is low or depleted.	Charge the karaoke machine using the provided Type-C cable.
No sound from speaker	Volume is too low; incorrect input mode; device not connected.	Increase volume; select correct input mode (Bluetooth, AUX, USB, TF); ensure device is properly connected/paired.
Microphone not working	Microphone batteries are low/dead; microphone not powered on; microphone not paired.	Replace AA batteries; ensure microphone power switch is ON; microphones should auto-pair, if not, restart both.
Bluetooth connection unstable	Device is too far from the karaoke machine; interference.	Move your device closer to the karaoke machine (within 10 meters); avoid obstacles or other wireless devices.
Feedback/Squealing from microphone	Microphone too close to the speaker; microphone volume too high.	Increase distance between microphone and speaker; lower microphone volume.

SPECIFICATIONS

- **Model Number:** DX2
- **Brand:** AIMAX
- **Output Power:** 40W
- **Speaker Size:** 6.5-inch (full-range), 1.5-inch (tweeter)
- **Noise Level:** 80 Decibels
- **Frequency Response:** 18 KHz
- **Connectivity Technology:** Bluetooth, USB, TF Card, AUX
- **Power Source:** Battery Powered (1 Lithium Ion battery included)
- **Battery Life:** 5-7 hours (approximate)
- **Charging Port:** USB Type C (DC5V)
- **Product Dimensions (L x W x H):** 10.04 x 10.43 x 13.11 inches
- **Item Weight:** 7.6 pounds
- **Material:** Aluminum, Plastic
- **Color:** Black
- **Compatible Devices:** Android Phones, PCs, iPads, iPhones

WARRANTY AND SUPPORT

The AIMAX Karaoke Machine DX2 comes with a standard manufacturer's warranty. For detailed warranty information, product

support, or service inquiries, please refer to the contact information provided on the product packaging or the official AIMAX website. Keep your purchase receipt for warranty claims.

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