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JYX D20

JYX Karaoke Machine User Manual

Model: D20

Introduction

The JYX D20 Karaoke Machine is a versatile and portable audio system designed for entertainment. It features dual microphones, dazzling lights, IPX5 waterproof rating, and multiple connectivity options including Bluetooth, AUX, TF Card, and USB. This manual provides detailed instructions for setting up, operating, and maintaining your karaoke machine to ensure optimal performance and enjoyment.



Figure 1: JYX D20 Karaoke Machine with included microphones.

What's in the Box

Upon unboxing, please ensure all components are present:

- JYX D20 Karaoke Machine
- 2 x Microphones
- Remote Control
- Charging Cable (USB)
- AUX Cable
- User Manual (this document)

Setup Guide

1. Initial Charging

Before first use, fully charge the karaoke machine using the provided USB charging cable. Connect the cable to the DC5V port on the back of the speaker and a compatible USB power adapter (not included). The charging indicator light will show the charging status.

2. Microphone Setup

The JYX D20 comes with two wireless microphones. Ensure the microphones are charged or have fresh batteries. They should automatically pair with the karaoke machine when both are powered on. Adjust microphone volume using the dedicated controls on the machine or the remote.



Figure 2: Microphone connection and range.

3. Bluetooth Connection

To connect your device via Bluetooth:

1. Power on the JYX D20 Karaoke Machine.
2. The speaker will automatically enter Bluetooth pairing mode, indicated by a flashing Bluetooth light.
3. On your smartphone, tablet, or other Bluetooth-enabled device, search for "JYX-D20" in the Bluetooth settings.
4. Select "JYX-D20" to pair. A confirmation sound will indicate successful pairing.

4. TWS (True Wireless Stereo) Connection

For an enhanced stereo experience, you can connect two JYX D20 machines via TWS:

1. Ensure both JYX D20 speakers are powered on and not connected to any other Bluetooth device.
2. Press the TWS button on one of the speakers (this will be the primary speaker).
3. The speakers will automatically search and pair with each other. A confirmation sound will indicate successful TWS connection.
4. Once TWS is established, connect your device to the primary speaker via Bluetooth as described above. Audio will now play through both speakers in stereo.



Figure 3: TWS Connection Mode for stereo sound.

Operating Instructions

1. Power On/Off

Press and hold the power button on the control panel to turn the machine on or off.

2. Volume Control

Use the '+' and '-' buttons on the control panel or the remote control to adjust the master volume. Microphone volume

can be adjusted separately using the dedicated microphone volume knob.

3. Playback Modes

The JYX D20 supports multiple playback modes:

- **Bluetooth:** Connect your device wirelessly as described in the Setup section.
- **AUX Input:** Connect an external audio device (e.g., MP3 player, computer) using the provided 3.5mm AUX cable to the AUX port.
- **TF Card:** Insert a TF (microSD) card with your music files into the TF card slot.
- **USB Disk:** Insert a USB flash drive with your music files into the USB port.

Use the 'M' (Mode) button on the control panel or remote to switch between these input sources.



Figure 4: Multiple connection methods for versatile use.

4. Dazzling Lights

The JYX D20 features dynamic LED lights that synchronize with the music. Press the light button (often indicated by a

sun or star icon) on the control panel or remote to cycle through different light modes or turn them off.



Figure 5: Dynamic LED lights enhance the party atmosphere.

5. IPX5 Waterproof Rating

The JYX D20 boasts an IPX5 waterproof rating, meaning it can withstand splashes and light rain. This makes it suitable for outdoor use, by the pool, or in the shower. **Note:** IPX5 rating means it is protected against low-pressure water jets from any direction. It is not designed to be submerged in water.



Figure 6: The IPX5 waterproof design allows for outdoor use without worry of splashes.

6. Official Product Video

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Video 1: Official JYX D16T Waterproof Karaoke Speaker demonstration. This video showcases the speaker's portability, sound quality, waterproof capabilities, and party features, including the dynamic lights and dual microphone use.

Maintenance

- **Cleaning:** Wipe the surface of the machine with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the karaoke machine in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Water Exposure:** While IPX5 rated, always ensure all port covers are securely closed before exposing the device to water. Dry the device thoroughly after exposure to water.

Troubleshooting

Problem	Possible Cause	Solution
Machine does not power on.	Low battery; Power button not pressed correctly.	Charge the machine fully. Press and hold the power button for a few seconds.
No sound from speaker.	Volume too low; Incorrect input mode; Device not connected.	Increase volume. Check input mode (Bluetooth, AUX, TF, USB). Reconnect device.
Microphone not working.	Microphone battery low; Microphone not paired; Microphone volume low.	Replace microphone batteries. Ensure microphone is powered on and paired. Increase microphone volume.
Bluetooth connection unstable.	Device too far; Obstructions; Interference.	Keep device within 50ft (15m) of the speaker. Remove obstructions. Avoid strong electromagnetic interference.
Lights not working or stuck.	Light mode off; Software glitch.	Press the light button to cycle modes. Try restarting the machine.

Specifications

Feature	Detail
Brand	JYX
Model Number	D20
Connectivity Technology	Bluetooth 5.0, AUX, TF Card, USB
Power Source	Corded Electric (for charging)
Item Weight	5.5 pounds (2.5 Kilograms)

Feature	Detail
Product Dimensions (L x W x H)	5.47 x 14.49 x 7.17 inches
Speaker Count	2 (with 3" subwoofers)
Waterproof Rating	IPX5
Voltage	5 Volts
First Available Date	October 24, 2023

Warranty and Support

This product is covered by the manufacturer's standard warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact JYX customer support.
Optional protection plans may be available for extended coverage. Please check with your retailer for details.
For technical support, troubleshooting assistance, or warranty claims, please contact JYX customer service through their official website or the contact information provided on the product packaging.

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