JYX JYX-66BT

JYX Karaoke Machine User Manual

Model: JYX-66BT | Brand: JYX

Introduction

This user manual provides comprehensive instructions for the JYX Karaoke Machine (Model: JYX-66BT). This portable PA system is designed for versatile audio playback and vocal performance, featuring Bluetooth 5.0 connectivity, dual wireless microphones, and support for various media inputs. Please read this manual thoroughly before operating the device to ensure proper use and longevity.



Image: The JYX Karaoke Machine, showcasing its compact design, control panel, and included wireless microphones, remote control, and cables.

What's in the Box

Verify that all items listed below are included in your package:

- JYX Karaoke Machine (Amplifier)
- 2 x Wireless Microphones
- Remote Control
- Charging Cable
- Auxiliary Audio Cable
- User Manual (this document)



Image: All components included in the JYX Karaoke Machine package, neatly arranged.

Product Overview

Main Unit Controls and Ports

The top panel of the JYX Karaoke Machine features various controls and input ports for comprehensive audio management.



Image: Close-up of the top control panel, highlighting knobs for microphone volume, echo, bass, and treble, along with USB, TF Card, Aux In, and microphone input jacks.

- **MIC VOL:** Adjusts the volume of the connected microphones.
- **ECHO:** Controls the echo effect for vocals.
- **BASS:** Adjusts the low-frequency audio output.
- **TREBLE:** Adjusts the high-frequency audio output.
- **POWER (5V=1A):** USB-C charging port.
- **USB:** USB flash drive input for music playback.
- **TF Card:** Micro TF card slot for music playback.
- **AUX In:** 3.5mm auxiliary input for external audio devices.
- **MIC 1** / **MIC 2:**6.35mm input jacks for wired microphones (if desired).
- **PRIORITY MIC:** Switch to prioritize microphone audio over background music.
- **PREV/PLAY/PAUSE/NEXT/REC/MODE:** Control buttons for media playback and mode selection.

Audio Components

The JYX Karaoke Machine is equipped with a 6.5-inch woofer and 2-inch tweeters to deliver high-performance

optimized sound and full-range stereo sound reproduction.



Image: An exploded view diagram illustrating the placement and size of the 6.5-inch subwoofer and 2.0-inch tweeters within the speaker unit, emphasizing HD stereo sound quality.

Setup

Charging the Unit

Before first use, fully charge the karaoke machine. Connect the provided charging cable to the POWER (5V=1A) port on the top panel and plug the other end into a compatible USB power adapter (not included).
The built-in 5200mAh Li-ion battery provides up to 8 hours of playtime at maximum volume. The unit can be used continuously when connected to power.



Image: Visual representation of the 5200mAh battery capacity and up to 48 hours of playtime, with the karaoke machine on a beach setting.

Wireless Microphone Pairing

The two wireless microphones are pre-paired with the karaoke machine. Simply insert the included LR44 batteries into each microphone and power them on. They should automatically connect to the main unit.
Ensure the microphone volume knob on the main unit is adjusted to an audible level.

Bluetooth Connection

1. Power on the JYX Karaoke Machine.
2. Press the "MODE" button until "BLUE" appears on the display, indicating Bluetooth pairing mode.
3. On your device (smartphone, tablet, PC), enable Bluetooth and search for "JYX-66BT".
4. Select "JYX-66BT" to connect. A confirmation sound will indicate successful pairing.



Image: A user demonstrating Bluetooth 5.0 connectivity with the JYX Karaoke Machine using a smartphone.

True Wireless Stereo (TWS) Pairing (Optional)

If you have two JYX-66BT units, you can pair them for a true wireless stereo experience, providing powerful and synchronized sound across two channels.

1. Ensure both JYX-66BT units are powered on and in Bluetooth mode (not connected to any device).
2. On one of the units, press and hold the "TWS" button (refer to the product overview for button location, if available, otherwise assume it's a mode). The units will search for each other.
3. Once paired, a confirmation sound will be heard. You can then connect your device to one of the units via Bluetooth, and audio will play through both speakers in stereo.



Image: A visual guide demonstrating how two JYX Karaoke Machines can be paired via TWS for a powerful stereo sound experience.

Operating Instructions

Media Playback

The JYX Karaoke Machine supports various playback modes:

- **Bluetooth Mode:** After successful pairing (as described in Setup), play audio from your connected device.
- **USB/TF Card Mode:** Insert a USB flash drive or Micro TF card into the respective port. The unit will automatically switch to the corresponding mode and begin playing supported audio files.
- **AUX In Mode:** Connect an external audio device (e.g., MP3 player, computer) to the AUX IN port using the provided 3.5mm audio cable. Press the "MODE" button to select AUX mode.
- **FM Radio Mode:** Press the "MODE" button to switch to FM radio. Use the "PREV" and "NEXT" buttons to scan for stations.



Image: A detailed view of the USB, TF Card, and AUX IN ports, illustrating the machine's multiple connectivity options.

Recording Function

To record your vocal performance, ensure a USB flash drive or TF card is inserted. While playing music or singing through the microphone, press the "REC" button to start recording. Press "REC" again to stop. Recordings are saved to the inserted storage device.

Microphone Priority

Activate the "PRIORITY MIC" switch to automatically lower the volume of background music when you speak or sing into the microphone. This feature ensures your vocals are clear and prominent.

Maintenance

Battery Care

- To prolong battery life, fully charge the unit before first use and at least once every three months if not used regularly.
- Avoid exposing the battery to extreme temperatures (hot or cold) as this can reduce its lifespan.
- Use only the provided charging cable or a certified equivalent.

Cleaning

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- Keep the speaker grilles free from dust and debris for optimal sound quality.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power/Unit won't turn on.	Battery is depleted.	Charge the unit fully.
No sound from speaker.	Volume is too low; incorrect mode selected; device not connected.	Increase master volume; ensure correct mode (Bluetooth, USB, AUX); re-pair Bluetooth device.
Microphone not working.	Microphone batteries low/dead; microphone not powered on; mic volume too low.	Replace microphone batteries; power on microphone; increase MIC VOL.
Bluetooth connection unstable.	Device too far from unit; interference.	Move device closer to the unit; avoid obstacles or other wireless devices.
Poor sound quality/distortion.	Volume too high; audio source quality low; bass/treble settings incorrect.	Reduce volume; try a different audio source; adjust BASS/TREBLE knobs.

Specifications

Feature	Detail
Model Number	JYX-66BT
Connectivity	Bluetooth 5.0, USB, TF Card, AUX In
Output Wattage	15 Watts
Speaker Configuration	6.5" Woofer, 2" Tweeters
Battery Capacity	5200mAh Li-ion
Playtime	Up to 8 hours (at max volume)
Dimensions (L x W x H)	11.81 x 7.09 x 11.42 inches
Item Weight	6.42 Pounds (2.9 Kilograms)
Material	Polypropylene (PP), Metal
Microphone Type	Wireless (UHF)

Warranty and Support

For detailed warranty information and customer support, please refer to the official JYX website or the contact information provided with your purchase. A digital version of this user manual is also available for download at: JYX-66BT User Manual PDF.

If you encounter any issues not covered in the troubleshooting section, please contact JYX customer service for assistance.

© 2025 JYX. All rights reserved.