

JYX 69BT-Black

JYX 69BT-Black Portable PA System

USER MANUAL

Model: **69BT-Black** | Brand: **JYX**

1. Introduction

Thank you for choosing the JYX 69BT-Black Portable PA System. This versatile audio system is designed for various applications, including public events, parties, and presentations. It features Bluetooth connectivity, multiple input options, wireless microphones, and an integrated disco light for an enhanced audio-visual experience. Please read this manual carefully before operating the device to ensure proper use and to maximize its performance and longevity.

2. Package Contents

Please check the package carefully to ensure all items are present and in good condition:

- JYX 69BT-Black Portable PA System (Main Unit)
- Wireless Microphones (x2)
- Remote Control (for PA System)
- Disco Light
- Disco Light Remote Control
- Power Adapter/Charging Cable
- User Manual (this document)



Figure 2.1: Main unit with wireless microphones and remote control.

3. Product Overview

3.1 Main Unit Controls and Ports



Figure 3.1: Top Control Panel.

1. **POWER / 5V-1A / USB / TF Card:**Power input, USB port for playback, TF card slot for playback.
2. **AUX IN:** 3.5mm audio input for external devices.
3. **MIC 1 / MIC 2:**6.35mm microphone input jacks.
4. **LFC ON/OFF:** Low Frequency Cut-off switch.
5. **MIC.VOL:** Microphone volume control knob.
6. **ECHO:** Microphone echo effect control knob.
7. **BASS:** Bass level adjustment knob.
8. **TREBLE:** Treble level adjustment knob.
9. **PREV:** Previous track button.
10. **PLAY/PAUSE:** Play/Pause button.
11. **NEXT:** Next track button.
12. **REC:** Record button (records microphone input to USB/TF).
13. **TWS:** True Wireless Stereo pairing button.
14. **MODE:** Mode selection button (Bluetooth, AUX, USB, TF, FM Radio).
15. **MASTER:** Master volume control knob.

16. **Digital Display:** Shows current mode, track number, or FM frequency.

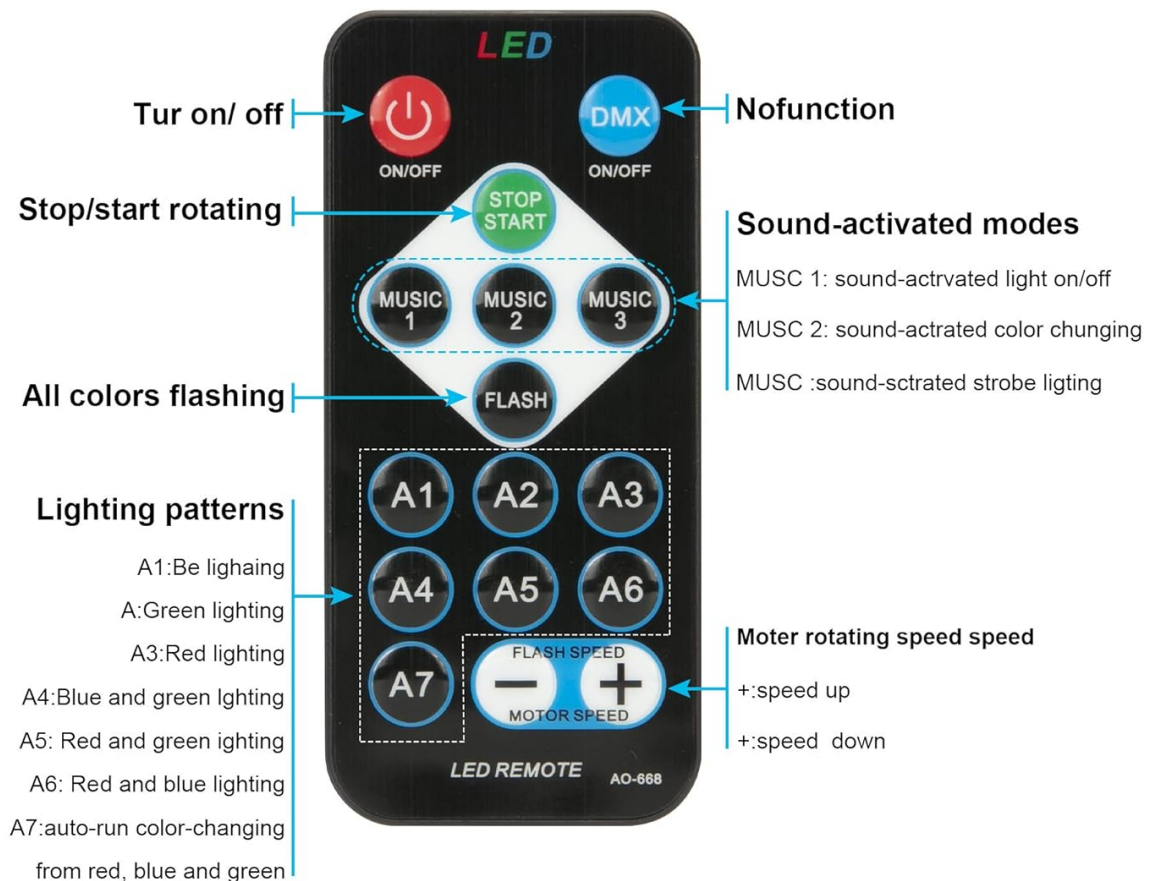
3.2 Disco Light Overview



Figure 3.2: Disco Light Unit.

The disco light features multiple lighting patterns and sound-activated modes, controlled by its dedicated remote.

Manual of Remote Controller



PLEASE NOTE



- 1.Remote controller must toward the IR signal receiver without barriers when operating.
- 2.Remote control distance should less than 5m and pls allow 1-second delay during changing lighting patterns.

Figure 3.3: Disco Light Remote Control Functions.

- **ON/OFF:** Power on/off the light.
- **STOP/START:** Stop or start the light rotation.
- **MUSIC 1/2/3:** Sound-activated modes (1: light on/off, 2: light changing, 3: strobe lighting).
- **FLASH:** All colors flashing mode.
- **A1-A7:** Various lighting patterns (e.g., A1: blue, A2: green, A3: red, A4: blue & green, A5: red & green, A6: red & blue, A7: auto-run color-changing).
- **MOTOR SPEED +/-:** Adjust rotation speed.

Please Note:

- The remote controller must be pointed towards the IR signal receiver on the disco light without barriers.
- Remote control distance should be less than 5m and may have a 1-second delay when changing lighting patterns.

4. Setup

4.1 Initial Charging

Before first use, fully charge the PA system. Connect the provided power adapter to the **POWER / 5V-1A** port on the unit and plug it into a standard wall outlet. The charging indicator (if present) will show charging status. A full charge typically takes several hours.

4.2 Powering On/Off

Locate the master power switch (often integrated with the MASTER volume knob or a separate switch). Turn the knob clockwise or flip the switch to power on the unit. Turn counter-clockwise or flip the switch off to power off.

4.3 Wireless Microphones

The two wireless microphones are typically pre-paired with the PA system. Simply insert batteries (not included, usually AA) into the microphones and power them on. They should automatically connect to the PA system. Adjust microphone volume using the **MIC.VOL** knob on the main unit.

4.4 Disco Light Setup

Plug the disco light into a standard power outlet. Use its dedicated remote control to operate it. Refer to Section 3.2 for remote control functions.

5. Operating Instructions

5.1 Mode Selection

Press the **MODE** button repeatedly to cycle through available input modes: Bluetooth, AUX, USB, TF Card, and FM Radio. The digital display will indicate the current mode.

5.2 Bluetooth Pairing

1. Power on the PA system.
2. Press the **MODE** button until "BLUE" or "BT" appears on the display, indicating Bluetooth mode.
3. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).
4. Search for "JYX-69BT" or a similar name in your device's Bluetooth list.
5. Select the device to pair. A confirmation tone will sound upon successful connection.
6. You can now play audio from your device through the PA system.

5.3 AUX Input

Connect an external audio device (e.g., MP3 player, computer) to the **AUX IN** port using a 3.5mm audio cable. The system will automatically switch to AUX mode or you may need to select it using the **MODE** button.

5.4 USB / TF Card Playback

Insert a USB flash drive or TF (microSD) card into the respective **USB** or **TF Card** slot. The system will automatically detect and play compatible audio files (e.g., MP3). Use the **PREV**, **PLAY/PAUSE**, and **NEXT** buttons to control playback.

5.5 FM Radio

Press the **MODE** button to select FM Radio mode. The display will show the frequency. Use the **PREV** and **NEXT** buttons to scan for stations. A long press on **PLAY/PAUSE** might initiate an auto-scan for available stations.

5.6 Karaoke Function

Connect the wireless microphones (as per Section 4.3) or wired microphones to the **MIC 1** or **MIC 2** inputs. Adjust the microphone volume with the **MIC.VOL** knob and add echo effect using the **ECHO** knob for a richer vocal sound.

5.7 Recording Function

While playing music from USB/TF or using a microphone, press the **REC** button to start recording. The recording will be saved to the inserted USB drive or TF card. Press **REC** again to stop recording.

5.8 True Wireless Stereo (TWS) Function

If you have two JYX 69BT-Black units, you can pair them for a stereo sound experience:

1. Ensure both units are powered on and in Bluetooth mode, but not connected to any device.
2. On one unit (this will be the primary), long press the **TWS** button. It will search for the other unit.
3. Once connected, a confirmation tone will sound. The primary unit will then be ready for Bluetooth pairing with your device.
4. Connect your mobile device to the primary unit via Bluetooth. Audio will now play in stereo through both units.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the unit frequently. Charge it regularly, even if not in use for extended periods.
- **Water Exposure:** This unit is not waterproof. Keep it away from water and high humidity.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Battery discharged; Power switch off; Power adapter not connected.	Charge the unit; Turn on the power switch; Ensure power adapter is securely connected.
No sound	Volume too low; Incorrect mode selected; Device not connected properly.	Increase MASTER volume; Select correct input mode (Bluetooth, AUX, USB/TF); Reconnect device.

Problem	Possible Cause	Solution
Bluetooth connection fails	PA system not in Bluetooth mode; Device Bluetooth off; Too far from unit; Interference.	Ensure PA system is in Bluetooth mode; Turn on device Bluetooth; Move closer to unit; Restart both devices.
Microphone not working	Microphone batteries low/dead; MIC.VOL too low; Microphone not powered on.	Replace microphone batteries; Increase MIC.VOL; Power on microphone.
Disco light not working	Light not plugged in; Remote batteries dead; Remote not pointed correctly.	Ensure light is plugged in; Replace remote batteries; Point remote directly at the light's IR receiver.

8. Specifications

- **Model:** JYX 69BT-Black
- **Connectivity Technology:** AUX, Bluetooth, USB
- **Audio Input:** AUX
- **Connector Type:** Aux
- **Power Source:** Battery Powered
- **Speaker Count:** 1 (with 5.25 inch Subwoofer and 2 inch Tweeter)
- **Speaker Wattage:** 15 Watt (as per image)
- **Color:** Black
- **Mounting Type:** Frame
- **Recommended Uses:** Public events, parties, presentations
- **First Available Date:** October 24, 2022

15 WATT SPEAKER

2 inch
Tweeter



5.25 inch
Subwoofer



Figure 8.1: Speaker Components and Wattage.

9. Safety Information

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Dispose of batteries responsibly according to local regulations.

10. Warranty and Support

JYX products are designed and manufactured to the highest quality standards. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official JYX website. Please have your model number (69BT-Black) and purchase details ready when contacting support. For further assistance, you may visit the [JYX Store on Amazon](#).