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Vamvo VF-302

Vamvo Portable Bluetooth Karaoke Speaker System VF-302 User Manual

Model: VF-302 | Brand: Vamvo

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Vamvo Portable Bluetooth Karaoke Speaker System, model VF-302. Please read this manual thoroughly before using the product to ensure proper function and to maximize your user experience.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Karaoke Machine Package Included

2X Wireless Microphone
2X Speakers



2X Aux 3.5mm Cable



User Manual



Type-C Charging Cable

This image details the package contents, including two wireless microphones, two speakers, two AUX cables, a user manual, and a Type-C charging cable, along with the dimensions of the main components.

- 2 x Wireless Microphones
- 2 x Speaker Units
- 2 x 3.5mm AUX Cables
- 1 x User Manual (this document)
- 1 x Type-C Charging Cable

3. PRODUCT OVERVIEW

The Vamvo Portable Bluetooth Karaoke Speaker System VF-302 is designed for versatile audio playback and karaoke functionality. It features a dual-speaker setup for stereo sound and comes with two wireless microphones for individual or duet performances.



This image displays the Vamvo Portable Bluetooth Karaoke Speaker System, featuring two compact speaker units and two wireless microphones.

Key Features:

- Dual Speaker Design for 360-degree Stereo Sound
- Two Wireless Microphones with independent controls
- One-click Vocal Elimination Function
- Multiple Connectivity Options: Bluetooth 5.0, USB, TF Card, 3.5mm AUX
- Portable and Battery-Powered Operation

4. SETUP GUIDE

4.1 Charging the System

Before first use, fully charge both the speaker units and the wireless microphones.

- **Speaker Units:** Connect the provided Type-C charging cable to the charging port on each speaker and

to a DC5V-2A power adapter (not included). The charging indicator will show the charging status.

- **Microphones:** Connect the microphones to their respective charging ports using the appropriate cable. The microphone battery indicator on the LED display will show charging status.

A full charge provides approximately 1-2 hours of operation time. The system can be used while charging.

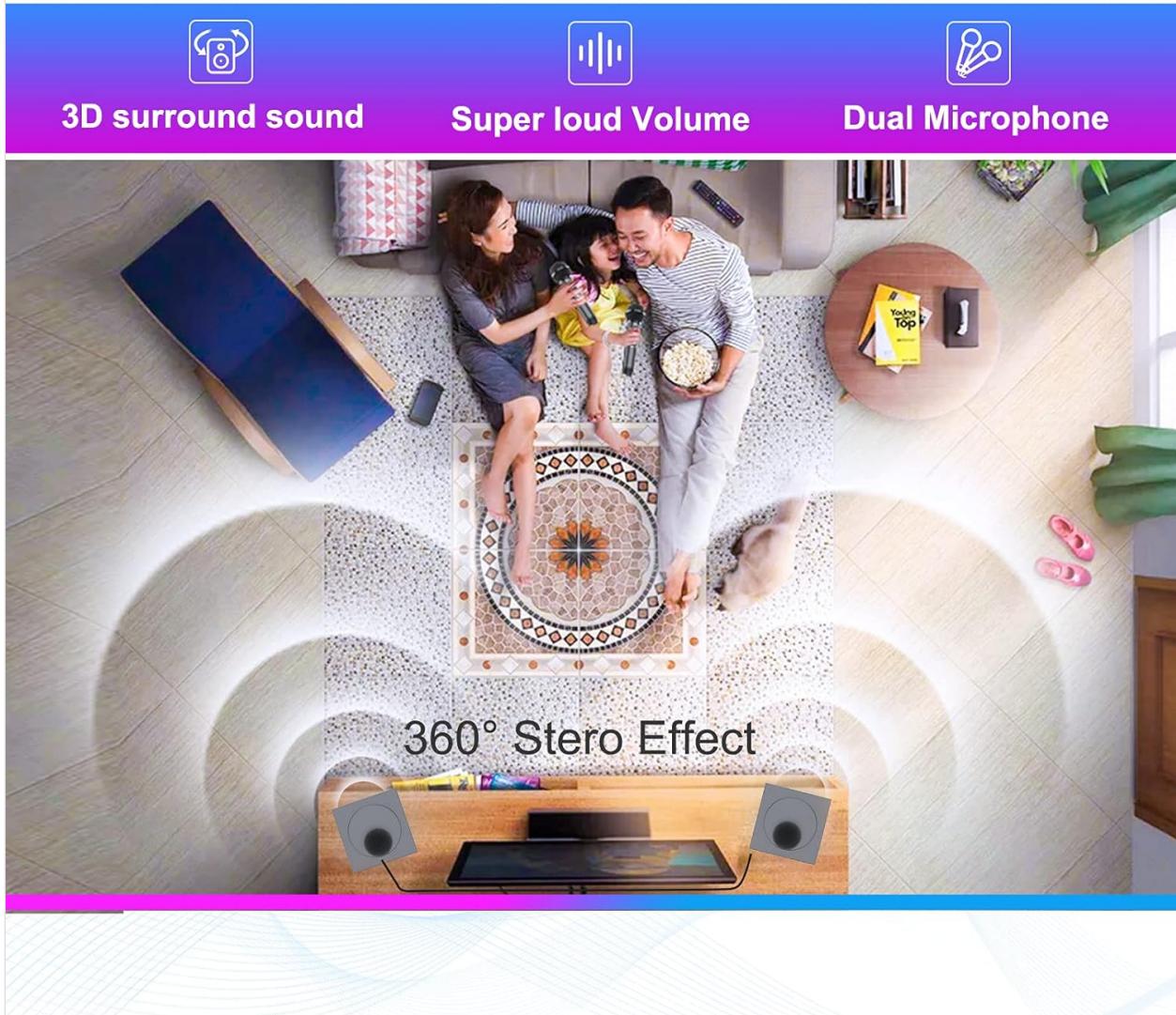
4.2 Powering On/Off

- **Speakers:** Press and hold the power button on each speaker unit until the indicator light illuminates.
- **Microphones:** Press and hold the power button on each wireless microphone until the LED display activates.
- To power off, repeat the process by pressing and holding the power button until the indicators turn off.

4.3 Speaker Connection

The two speaker units are designed to work together to create a stereo sound experience. Position the speakers facing each other for optimal 360-degree stereo effect. The cable connecting the two speaker boxes can extend up to 1 meter (3.2 feet).

Professional KTV Machine



This diagram illustrates the 360-degree stereo sound effect achieved by positioning the two speakers to create an immersive audio environment.

5. OPERATING INSTRUCTIONS

5.1 Audio Input Modes

The system supports multiple audio input methods:



This image illustrates the multiple connectivity options available for the system, including TF Card, USB, 3.5mm AUX, and Bluetooth, with a range of up to 10 meters.

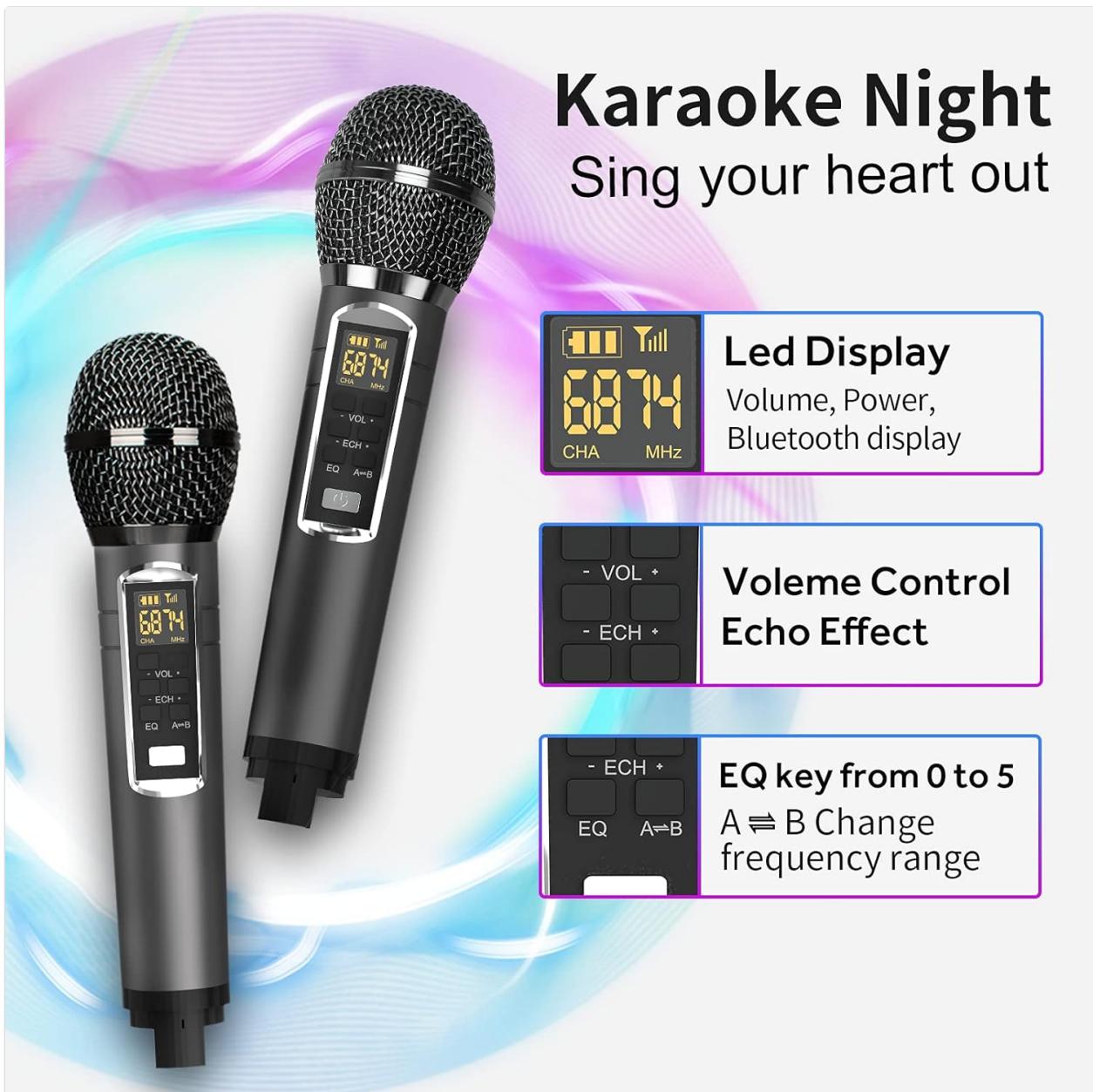
- **Bluetooth Connection:**

1. Ensure the speaker units are powered on.
2. Activate Bluetooth on your smartphone or other compatible device.
3. Search for available devices and select 'Vamvo VF-302' (or similar name) to pair.
4. A confirmation sound will indicate successful pairing. The Bluetooth 5.0 chip provides a stable connection up to 10 meters.

- **USB Flash Disk:** Insert a USB flash drive containing audio files into the designated USB port on the speaker unit. The system will automatically detect and play the audio.
- **TF Card:** Insert a TF (MicroSD) card containing audio files into the designated TF card slot. The system will automatically detect and play the audio.
- **3.5mm AUX:** Connect an external audio source (e.g., MP3 player, computer) to the 3.5mm AUX input port on the speaker unit using the provided AUX cable.

5.2 Microphone Usage and Controls

The wireless microphones offer independent controls for a customized singing experience.



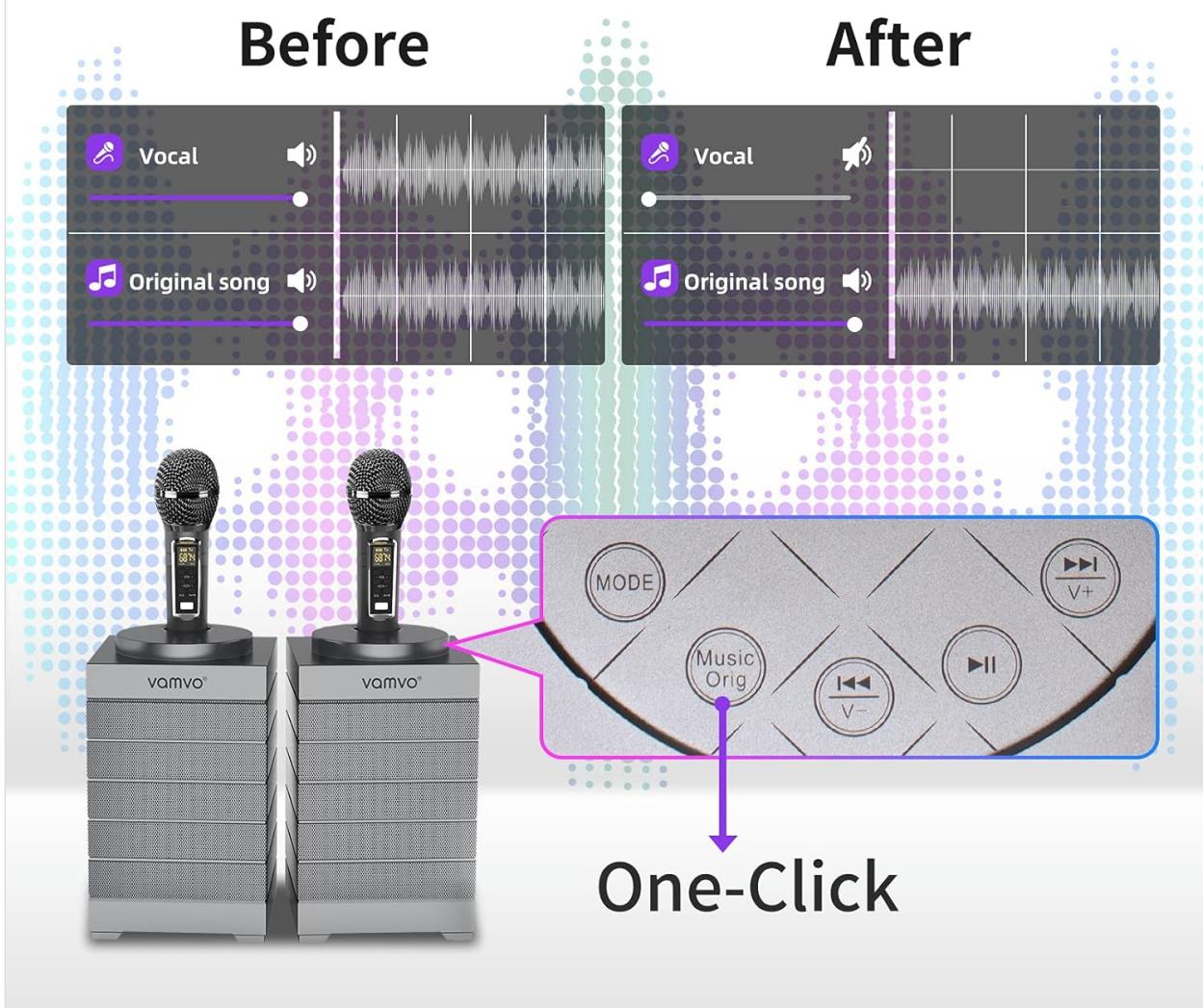
This image highlights the wireless microphone's LED display, showing volume, power, and Bluetooth status, along with controls for volume, echo, and EQ settings.

- **LED Display:** Shows current volume, power level, and Bluetooth connection status.
- **Volume Control (VOL +/-):** Adjusts the microphone's output volume.
- **Echo Effect (ECH +/-):** Controls the intensity of the echo effect applied to your voice.
- **EQ Key (EQ):** Cycles through different equalization presets (0 to 5) to adjust the tonal quality of your voice.
- **Frequency Range (A=B):** Allows changing the microphone's operating frequency range if interference occurs.

5.3 Vocal Elimination Feature

The system includes a one-click function to remove vocals from music tracks, allowing you to sing along to instrumental versions.

Remove Vocal From Song



This image demonstrates the one-click vocal elimination feature, showing how the system can remove vocal tracks from music, leaving only the instrumental accompaniment.

- While music is playing, press the dedicated 'Music Orig' button on the speaker control panel.
- The system will analyze the audio and attempt to reduce or eliminate the vocal track.
- Press the button again to restore the original vocal track.

5.4 Duet Mode

With two wireless microphones, two individuals can sing simultaneously, making it suitable for duets.

- Ensure both microphones are powered on and connected to the speaker system.
- Each microphone can be controlled independently for volume, echo, and EQ settings.

6. SPECIFICATIONS

Feature	Specification
Model Number	VF-302

Feature	Specification
Multi-function	Karaoke, Bluetooth, USB, TF card, 3.5mm AUX
Bluetooth System	Bluetooth 5.0
Power Output	2 x 15W
Frequency Response	100Hz - 18KHz
Signal-to-Noise Ratio (S/N)	80dB ± 5dB
Bluetooth Range	Up to 10 meters
Microphone Sensitivity	-70dB ± 3dB
Output Impedance	4 ohms
Charger Specification	DC5V-2A
Speaker Battery	7.4V-3000mAh Lithium Ion
Microphone Battery	3.7V-1500mAh Lithium Ion (x2)
Material	Plastic
Connectivity Technology	Bluetooth
Compatible Devices	Smartphone
Mounting Type	Portable
Power Source	Battery Powered
Connector Type	Aux, USB
Number of Channels	2
Audio Input	Microphone, Line-level (3.5mm AUX)

7. TROUBLESHOOTING

If you encounter issues with your Vamvo Karaoke System, please refer to the following common problems and solutions:

- **No Power:** Ensure the speaker units and microphones are fully charged. Connect to a power source and try again.
- **No Sound:** Check that the volume on both the speaker and your connected device is turned up. Ensure the correct input mode (Bluetooth, USB, AUX) is selected.
- **Microphone Not Working:** Verify the microphone is powered on and charged. Check its connection to the speaker system. Adjust microphone volume.
- **Bluetooth Disconnection:** Ensure your device is within the 10-meter Bluetooth range. Disconnect and re-pair the device if necessary.
- **Distorted Audio:** Reduce the volume on both the speaker and the input source. Ensure there are no obstructions or strong interference sources nearby.

If the problem persists, please contact customer support for further assistance.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Vamvo Karaoke System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the speakers and microphones. Do not use abrasive cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** Avoid fully discharging the batteries frequently. Charge the system regularly, even if not in use, to maintain battery health.
- **Handling:** Handle the components with care to prevent physical damage. Avoid dropping the speakers or microphones.

9. SAFETY INFORMATION

Please observe the following safety precautions:

- Do not expose the system to water or excessive moisture.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep the system away from heat sources, open flames, and direct sunlight.
- Use only the specified charging cable and power adapter (DC5V-2A).
- Avoid listening at high volumes for extended periods to prevent hearing damage.

10. WARRANTY AND SUPPORT

The Vamvo Portable Bluetooth Karaoke Speaker System VF-302 comes with a **2-year after-sales warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product reliability. For warranty claims, technical support, or any inquiries regarding your product, please contact Vamvo customer service through the retailer where the product was purchased or visit the official Vamvo support website.