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ZERFUN D240

ZERFUN D240 Rechargeable Wireless Microphones User Manual

Model: D240

Brand: ZERFUN

1. INTRODUCTION

The ZERFUN D240 Rechargeable Wireless Microphones system provides high-quality audio for various applications such as home karaoke, meetings, parties, church events, and DJ performances. This system features dual rechargeable microphones with independent controls for Volume, Echo, Treble, and Bass, offering versatile sound customization. The microphones are designed with a cardioid pickup pattern, effectively isolating vocals from background noise.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- ZERFUN Rechargeable Cordless Mics x 2
- Receiver x 1
- Charging Cable x 2
- Microphone Windscreen x 2
- Antiskid Ring x 2
- User Manual x 1

PACKAGE LIST



Charging Cable x 1



ZERFUN Receiver x 1



User Manual x 1



Charging Cable x 1



Wireless Microphone x 2

GIFT



Microphone Windscreen x 2



Antiskid Ring x 2

Figure 2.1: ZERFUN D240 Package Contents

This image displays all components included in the ZERFUN D240 wireless microphone system. It features two wireless microphones (one grey, one red), a compact receiver with a 1/4-inch plug, two USB charging cables, two black microphone windscreens, two black antiskid rings, and the user manual.

3. PRODUCT OVERVIEW

The ZERFUN D240 system consists of two handheld wireless microphones and a compact receiver. Each microphone features a durable metal mesh head, a clear LED display, and a USB-C charging port. The receiver is equipped with a 1/4-inch (6.35mm) mic plug for easy connection to compatible audio devices.



Figure 3.1: ZERFUN D240 Wireless Microphone System Components

This image showcases the primary components of the ZERFUN D240 system: two wireless microphones (one grey, one red), the compact receiver, two USB charging cables, two microphone windscreens, and two antiskid rings. The microphones have a sleek design with a digital display.

3.1 Microphone Features

- **Metal Mesh Head:** Durable construction for protection and sound quality.
- **Clear LED Display:** Shows battery level and frequency information.
- **USB-C Charging Port:** Convenient charging.
- **Controls:** Independent Volume, ECHO, Treble, and BASS controls for sound customization.

RECHARGEABLE METAL CARDIOID WIRELESS MICROPHONES



Figure 3.2: Microphone Features and Battery Information

This image details the key features of the ZERFUN microphones: a robust metal mesh head, a clear LED display for status, and a USB-C charging port. It also indicates a charging time of 3-4 hours and a working time of 7+ hours for the microphones.

3.2 Receiver Features

- **1/4 Inch (6.35mm) Mic Plug:** For connecting to compatible audio devices.
- **Power Switch Button:** To turn the receiver on/off.
- **Charging Indicator:** Shows charging status.
- **Power Indicator:** Shows power status.
- **Microphone Receiving Indicators (A.RF, B.RF):** Indicate when Microphone A or B is receiving a signal.

RECEIVER'S USING GUIDE

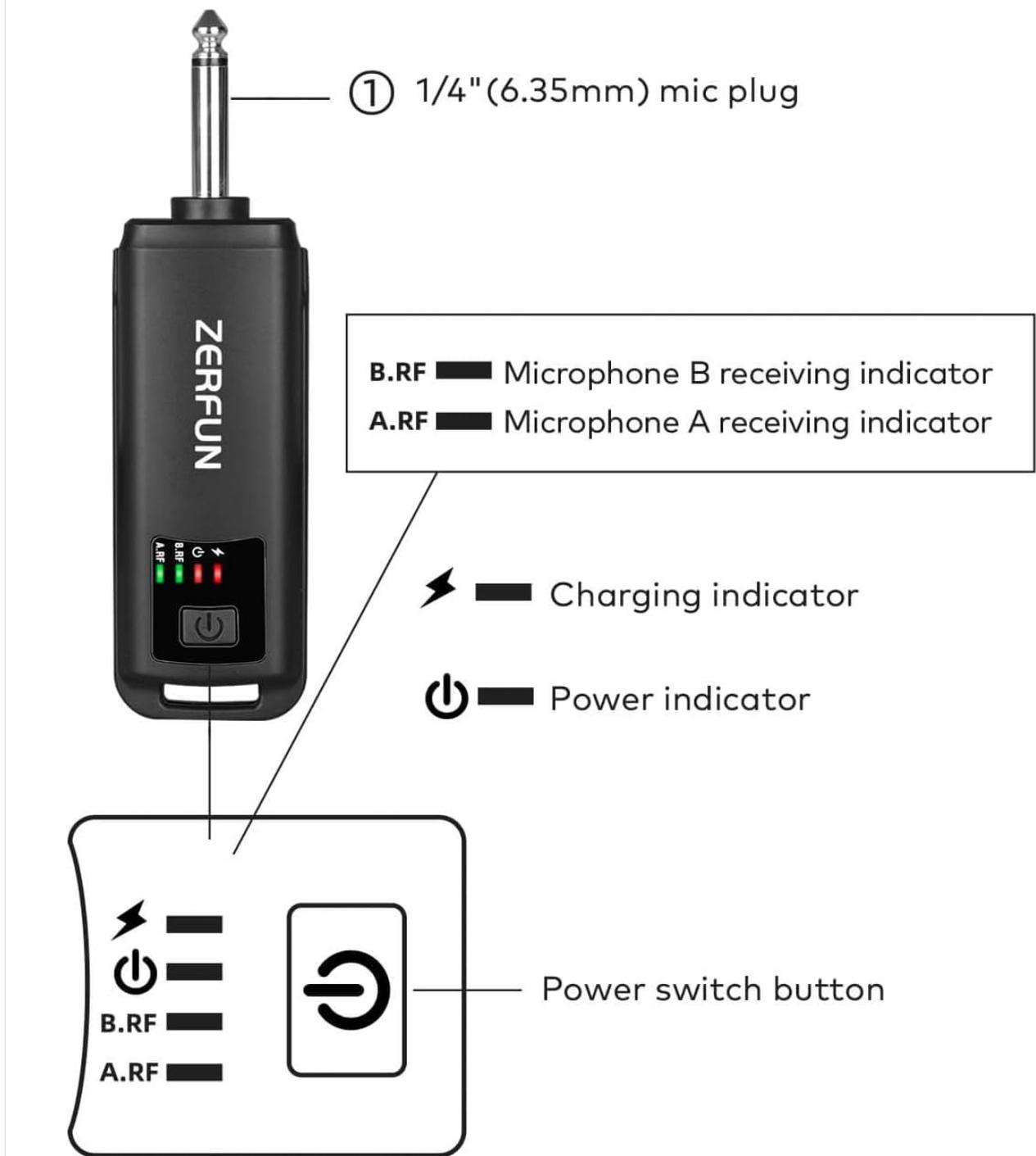


Figure 3.3: Receiver Usage Guide

This diagram provides a visual guide to the ZERFUN receiver, labeling its key components: the 1/4-inch (6.35mm) mic plug, the power switch button, the charging indicator, the power indicator, and the A.RF and B.RF indicators for microphone signal reception.

4. SETUP INSTRUCTIONS

1. **Charge the Microphones and Receiver:** Before first use, fully charge both microphones and the

receiver using the provided charging cables. The charging indicator on the receiver will illuminate during charging and turn off when fully charged. Microphones have an LED display showing battery status.

2. **Connect the Receiver:** Plug the 1/4-inch (6.35mm) receiver output into the MIC input of your compatible audio device (e.g., Speaker, PA Speaker System, Power Amplifier, Karaoke Machine, Audio Interface, Audio Mixer).

NOTE: This microphone set is NOT compatible with phones, PCs, or cameras.

WIDE COMPATIBILITY

COMPATIBLE WITH KARAOKE MACHINE, POWERED SPEAKER, AUDIO INTERFACE, AMPLIFIER, MIXING BOARD



**SUITABLE FOR DEVICES WITH
1/4" (6.35 MM) MIC INPUT**

**NOTE: This system is NOT
compatible with phones, computers and tablets**

Figure 4.1: Wide Compatibility Overview

This image illustrates the wide compatibility of the ZERFUN D240 system, showing it can connect to karaoke machines, powered speakers, audio interfaces, amplifiers, and mixing boards via a 1/4-inch (6.35mm) MIC input. It explicitly states that the system is not compatible with phones, computers, or tablets.

3. **Power On:** Turn on the receiver by pressing its power switch button. Then, turn on each microphone by pressing their respective power buttons.
4. **Automatic Pairing:** The microphones and receiver are designed for plug-and-play operation and should automatically pair. The A.RF and B.RF indicators on the receiver will light up when a microphone is connected and transmitting.
5. **Adjust Antennas:** For optimal signal reception, ensure the receiver's antennas are extended and positioned appropriately.

5. OPERATING INSTRUCTIONS

Once set up, you can begin using your ZERFUN D240 wireless microphones. The system operates on 2.4Ghz frequencies, compliant with FCC regulations, offering a transmission range of up to 164 feet outdoors.

STABLE & LONG TRANSMISSION WIRELESS DISTANCE

Plug and Use - Auto Scan & Transmit



2.4G
164 FT(Outdoor)

ZERFUN

ZERFUN

ZERFUN

US FCC Standard Frequency Brand

Figure 5.1: Transmission Range and Frequency

This image highlights the stable and long transmission capabilities of the ZERFUN D240 wireless microphone system, indicating an outdoor range of up to 164 feet using 2.4Ghz frequencies, which are FCC compliant.

5.1 Sound Control

Each microphone features dedicated buttons for adjusting various sound parameters:

- **VOL Control:** Adjusts microphone volume (± 15 levels).
- **ECHO Control:** Adjusts echo effect (± 15 levels).
- **TREBLE Control:** Adjusts treble levels (± 7 levels).
- **BASS Control:** Adjusts bass levels (± 7 levels).

RECHARGEABLE WIRELESS MICROPHONES

with VOL/ECHO/BASS/TREBLE Control



Figure 5.2: Microphone Sound Controls

This image focuses on the individual sound controls available on the ZERFUN wireless microphones, detailing the adjustable levels for Volume (VOL), Echo, Treble, and Bass, allowing users to fine-tune their audio output.

5.2 Cardioid Pickup Pattern

The microphones are designed with a cardioid pickup pattern, meaning they primarily pick up sound from the front. This directional characteristic helps to isolate your voice from ambient background noise, making them ideal for singing and speaking applications where clarity is paramount.

6. CHARGING INFORMATION

Both the microphones and the receiver are equipped with built-in rechargeable batteries.

- **Microphone Working Time:** Approximately 8-10 hours when fully charged.
- **Receiver Working Time:** Approximately 4-5 hours when fully charged.
- **Charging Time:** Microphones typically take 3-4 hours to fully charge.

Use the provided USB charging cables to charge the devices. Connect the cables to a standard USB power

adapter (not included) or a USB port on a computer.

7. MAINTENANCE

- **Cleaning:** Wipe the microphones and receiver with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid completely draining the batteries frequently. Charge them regularly, even if not in use for extended periods.
- **Windscreens:** Use the provided windscreens to protect the microphone capsules from dust and moisture, and to reduce plosive sounds.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	Microphone or receiver is off; low battery; incorrect connection; microphone not paired.	Ensure both microphone and receiver are powered on. Charge batteries. Verify receiver is plugged into the correct MIC input. Re-pair if necessary (refer to setup).
Poor sound quality/Interference	Obstructions; too far from receiver; other 2.4Ghz devices nearby; low battery.	Reduce distance between microphone and receiver. Remove obstructions. Avoid using near other 2.4Ghz devices. Ensure batteries are charged.
Microphone not responding to controls	Microphone is off or frozen; low battery.	Turn the microphone off and on again. Charge the microphone.
Receiver not powering on	Low battery; faulty charging cable/adapter.	Charge the receiver. Try a different charging cable or USB power adapter.

9. SPECIFICATIONS

Feature	Detail
Brand	ZERFUN
Model Number	D240

Feature	Detail
Connectivity Technology	2.4Ghz Wireless
Connector Type	6.35 mm Jack
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional (Cardioid)
Power Source	Battery Powered (Lithium Ion)
Microphone Battery Life	8-10 Hours
Receiver Battery Life	4-5 Hours
Charging Time (Microphone)	3-4 Hours
Transmission Range	Up to 164 feet (Outdoor)
Special Features	ECHO, Treble, BASS, VOL Control; Rechargeable
Compatible Devices	Amplifier, Audio Interface, Audio Mixer, Karaoke Machine, Speaker
Item Weight	1.52 pounds
Product Dimensions (L x W x H)	11.9 x 7.5 x 2.3 inches

10. WARRANTY & SUPPORT

Genuine ZERFUN Wireless Microphone products come with supportive 24-Hours After-Sales Customer Service and a 12-Month Manufacturer Assurance.

For further assistance or inquiries, please contact ZERFUN customer support.