Retekess FF9626A

Retekess TC102 Portable Voice Amplifier Instruction Manual

Model: FF9626A

1. Introduction

This manual provides detailed instructions for the operation and maintenance of your Retekess TC102 Portable Voice Amplifier. Please read this manual thoroughly before using the device to ensure proper function and longevity.
The Retekess TC102 is a versatile portable PA system designed for amplifying voice in various settings such as teaching, training, events, and presentations. It features Bluetooth 5.0 connectivity, support for USB and TF card playback, AUX input, and FM radio.

2. Package Contents

Verify that all items are present in the package:

- 1x Retekess TC102 Portable PA System
- 1x Wireless headset microphone
- 1x USB recharging cable
- 1x 3.5mm audio cable
- 1x Adapter



Image: Contents of the Retekess TC102 package, including the amplifier, wireless headset microphone, USB charging cable, 3.5mm audio cable, and power adapter.

3. Product Overview

The Retekess TC102 features a compact design with a portable handle, clear display, and sensitive control knobs for various functions.



Image: Close-up of the Retekess TC102 control panel, highlighting the USB port, TF card slot, AUX input, and volume/mode knobs.

Key Features:

- **Loud and Clear Sound:** 4-inch woofer and 1.5-inch tweeter, suitable for 80-100 people.
- **Wireless Microphone Support:** Connects up to two wireless microphones with quick pairing.
- **Bluetooth 5.0:** Wireless audio streaming from mobile devices up to 10 meters.
- **Multi-functional Playback:** Supports USB disk (up to 32G), TF card (up to 32G), AUX input, and FM radio.
- **Portable Design:** Compact size (10 x 3.74 x 7.6 inches) and lightweight (3.43 lbs) with a convenient handle.
- **Long Battery Life:** Built-in 2000mAh rechargeable battery provides 5-6 hours of operation.

4. Setup

4.1 Charging the Device

Before first use, fully charge the Retekess TC102. Connect the USB recharging cable to the device and a power adapter. The charging indicator will show the charging status. A full charge typically takes 3-5 hours.

Image: Illustration showing the built-in battery and charging process for the Retekess TC102.

4.2 Connecting the Wireless Headset Microphone

1. Turn on the Retekess TC102 by long-pressing the power switch.
2. Press the 'M' button on the amplifier to enter pairing mode (UHF mode).
3. Turn on the wireless headset microphone and long-press its 'M' key to enter pairing mode.
4. The microphone and amplifier will automatically pair. A confirmation sound or indicator light will signal successful pairing.
5. Adjust the volume using the sensitive knob on the amplifier.

Your browser does not support the video tag.

Video: Instructions on how to pair the Retekess TC102 with a wireless microphone.



Image: The Retekess TC102 amplifier and wireless headset microphone, illustrating the quick pairing process.

5. Operating Instructions

5.1 Power On/Off

Long press the power switch button on the control panel to turn the device ON or OFF.

5.2 Mode Selection

Press the 'M' button to cycle through available modes: Bluetooth, FM Radio, USB/TF Card, and AUX input.

5.3 Bluetooth Mode

1. Switch to Bluetooth mode using the 'M' button. The display will show "BLUE" and indicate it's waiting for connection.
2. Enable Bluetooth on your mobile device (smartphone, tablet, computer) and search for "TC102".
3. Select "TC102" to pair. A confirmation sound will indicate successful connection.
4. Play audio from your device. Control playback (play/pause, next/previous track) using the buttons on the amplifier.



Image: Icon representing Bluetooth 5.0 connectivity.

5.4 USB/TF Card Playback

1. Insert a USB disk or TF card (up to 32GB) into the corresponding slot on the amplifier.
2. The device will automatically switch to USB/TF card mode and begin playing audio files.
3. Use the fast forward/rewind keys to switch between songs.

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Video: Demonstration of how to play songs and recordings using the USB/TF card function on the Retekess TC102.



Image: Icons representing USB disk and TF card playback capabilities.

5.5 FM Radio Mode

1. Switch to FM Radio mode using the 'M' button.
2. Press the fast forward or rewind key to automatically scan and skip to the next available station.
3. Adjust the volume using the sensitive knob.



Image: Icon representing FM radio mode.

5.6 AUX Input

Connect an external audio source (e.g., computer, MP3 player) to the AUX input port using the provided 3.5mm audio cable. The device will automatically switch to AUX mode.



Image: Icon representing AUX input for external audio sources.

5.7 Recording Function

The device supports recording. Ensure a USB disk or TF card is inserted to save recordings. Refer to the specific buttons on the control panel for initiating and stopping recordings.



Image: Icon representing the recording function.

6. Maintenance

- Keep the device dry and away from moisture.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a cool, dry place when not in use.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound from speaker.	Volume too low; device not powered on; incorrect mode selected; microphone not paired.	Increase volume; ensure device is on; select correct mode; re-pair microphone.
Wireless microphone not connecting.	Microphone not powered on; not in pairing mode; out of range.	Ensure microphone is on and in pairing mode; move closer to the amplifier (within 30m/98ft).
Bluetooth device not pairing.	Amplifier not in Bluetooth mode; Bluetooth disabled on external device; out of range.	Switch amplifier to Bluetooth mode; enable Bluetooth on your device; move closer (within 10m).
Poor sound quality/howling.	Microphone too close to speaker; volume too high; microphone sensitivity too high.	Increase distance between microphone and speaker; reduce volume; adjust microphone settings if available.
Device not charging.	Charging cable faulty; power adapter faulty; battery issue.	Check cable and adapter; try a different charging source; contact support if issue persists.

8. Specifications

Feature	Detail
Model Number	FF9626A

Feature	Detail
Brand	Retekess
Mounting Type	Tabletop
Power Source	Battery Powered
Connector Type	Aux
Material	Plastic
Item Weight	1.6 Kilograms (3.52 pounds)
Product Dimensions (L x W x H)	7.6 x 3.74 x 10 inches
Number of Channels	1
Audio Input	AUX input
Frequency Response	500 MHz
Connectivity Technology	Bluetooth
Bluetooth Version	5.0
Color	Black
Compatible Devices	Smartphone, Tablet, Laptop
Battery Capacity	2000 mAh (approx. 5-6 hours working time)

9. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Retekess website. You may also contact the seller directly for assistance.
Seller: Retevis Direct
Return Policy: 30-day refund/replacement policy.
Additional protection plans may be available for purchase.

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