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› SHIDU M500UHF Wireless Voice Amplifier User Manual

## SHIDU M500UHF

# SHIDU M500UHF Voice Amplifier User Manual

Model: M500UHF | Brand: SHIDU

## 1. INTRODUCTION

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The SHIDU M500UHF Wireless Voice Amplifier is a portable public address system designed to amplify your voice clearly and effectively. It is suitable for various applications such as teaching, tour guiding, presentations, and outdoor activities. This device features a high-power audio output, clear sound reproduction, and supports multiple media playback options including TF card and USB disk. Its compact and lightweight design ensures portability and ease of use.

## 2. PACKAGE CONTENTS

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

- 1 x SHIDU M500UHF Voice Amplifier
- 1 x Waistband
- 1 x UHF Wireless Microphone Headset
- 1 x USB Charging Cable
- 1 x 3.5mm Audio Cable
- 1 x User Manual

## 3. PRODUCT FEATURES

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- **Portable Design:** Lightweight and compact (104mm\*86mm\*28mm, 6.85oz) with a back clip for attachment to a belt or pocket, and a waistband for waist hanging.
- **Multipurpose Functionality:** Functions as a voice amplifier, audio recorder, and powerful speaker. Supports Bluetooth, USB, TF card, and FM radio playback.
- **Rechargeable Battery:** Built-in 2000mAh lithium battery provides 10-12 hours of amplification or 8 hours of music playback on a 3-5 hour charge.
- **Media Playback:** Supports TF (Micro SD) card and USB flash drive for music playback with repeat and loop functions.

- **UHF Wireless Microphone:** Includes a comfortable UHF wireless microphone headset that can also be used as a handheld microphone. Offers up to 150ft transmission distance.

## Excellent Sound Quality

360° Stereo Sound, Loud and Clear, Low Distortion Even at High Output Power



Figure 3.1: The SHIDU M500UHF Voice Amplifier demonstrating its excellent sound quality with clear audio output.

# Rotary Clip Design

Convenient to Waist Hanging, Also Could Shoulder Hanging and Oblique Hanging



Figure 3.2: The amplifier's powerful 2000mAh rechargeable lithium battery, providing extended usage time.

## 4. SETUP

### 4.1 Charging the Device

1. Connect the supplied USB charging cable to the voice amplifier's charging port.
2. Connect the other end of the USB cable to a DC5V, 500mA power adapter (not included) or a computer USB port.
3. The charging indicator light will illuminate. The amplifier typically takes 3-5 hours to fully charge.
4. For the wireless microphone, connect its charging port to the USB cable. It takes 2-3 hours to fully charge.

### 4.2 Pairing the Wireless Microphone

The UHF wireless microphone and amplifier are usually pre-paired. If re-pairing is needed:

1. Turn on both the voice amplifier and the wireless microphone.
2. Press and hold the "Pairing Key" on the microphone (refer to Figure 4.1 for location) until the indicator light flashes rapidly.
3. The amplifier and microphone should automatically connect. A steady light on the microphone indicates successful pairing.

## Powerful & Rechargeable

Built in 2000mAh Rechargeable Lithium Battery, Chargeable Time 2-3 hrs, Working Time: 6-10 hrs for Music Playing, 8-12 hrs for Voice Amplifying.



Figure 4.1: Detailed view of the UHF Wireless Microphone Headset, highlighting the power switch, pairing key, and LCD display.

## 5. OPERATING INSTRUCTIONS

### 5.1 Voice Amplification

1. Turn on the voice amplifier and the wireless microphone.
2. Place the microphone headset comfortably on your head, ensuring the microphone is positioned near your mouth.
3. Adjust the volume knob on the amplifier to your desired level. It is recommended to start with a low volume and gradually increase it to avoid feedback.

### 5.2 Media Playback (USB/TF Card)

1. Insert a USB flash drive or TF (Micro SD) card into the corresponding slot on the amplifier.
2. The amplifier will automatically detect and begin playing audio files.

3. Use the control buttons on the amplifier to play/pause, skip tracks, or adjust volume.



Figure 5.1: The side panel of the amplifier, illustrating the AUX, USB, and TF card input ports, along with the recording key.

### 5.3 Audio Recording

To record audio, a TF card is required. Insert the TF card and press the recording key (refer to Figure 5.1).

### 5.4 Using the Waistband and Clip

The amplifier can be worn using the supplied waistband or attached to clothing via its rotary clip. The clip allows for convenient waist, shoulder, or oblique hanging.

# User-friendly Design Microphone

Stylish and Exquisite, Comfortable Wearing and User-friendly Headset Microphone



Figure 5.2: The rotary clip design on the back of the amplifier, enabling various wearing styles for user convenience.

## 6. MAINTENANCE

- Clean the amplifier and microphone with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Contact qualified service personnel for assistance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from amplifier.	Device is off; low battery; microphone not paired; volume too low.	Ensure device is on; charge battery; re-pair microphone; increase volume.
Squealing or feedback noise.	Microphone too close to amplifier; volume too high; microphone pointed at speaker.	Increase distance between microphone and amplifier; lower volume; adjust microphone position away from speaker.
Microphone not connecting.	Microphone off; low battery; pairing issue.	Ensure microphone is on; charge microphone; follow pairing instructions (Section 4.2).
Cannot play media from USB/TF card.	Incorrect file format; card/drive not inserted correctly; corrupted files.	Ensure files are compatible; re-insert card/drive; try different media.

## 8. SPECIFICATIONS

Feature	Detail
Output Power	10W
Charging Voltage	DC5V, 500mA
Lithium Battery	3.7V/2000mAh
Product Dimensions	104 x 86 x 26mm (4.09 x 3.39 x 1.02 inches)
Unit Weight	194g (6.85 oz)
Speaker Charging Time	3-5 hours
Mic Charging Time	2-3 hours
Working Time (Music)	5-6 hours (at 50% volume)
Working Time (Wired MIC)	8-10 hours
Sound Coverage	500 square meters
Wireless Distance	30-35m (98-115 ft)
Frequency Response	80Hz-18KHz
Work Temperature	-10°C to 45°C (14°F to 113°F)
Model Number	M500UHF
UPC	686494962941

## 9. SAFETY INFORMATION

- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight for prolonged periods.
- Keep the device out of reach of children.
- Use only the provided charging cable and recommended power adapter.
- Do not insert or plug the connector frequently to avoid looseness of the socket or bad connection.

- Before using, please turn down the volume and then adjust the volume according to your need to prevent sudden loud noises.

## 10. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official SHIDU website. Original accessories are suggested if replacements are needed.