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SHIDU S512

SHIDU S512 Portable Voice Amplifier

User Manual

Introduction

Thank you for choosing the SHIDU S512 Portable Voice Amplifier. This compact yet powerful device is designed to amplify your voice clearly and effectively, making it ideal for teachers, tour guides, coaches, and anyone needing to project their voice to a group. With its long-lasting battery and versatile media playback options, the S512 is a reliable companion for various professional and personal uses.

Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.



Figure 1: SHIDU S512 Portable Voice Amplifier

Package Contents

Upon unpacking, please ensure all the following items are included:

- 1 x SHIDU S512 Voice Amplifier Unit

- 1 x Wired Microphone Headset
- 1 x Waistband
- 1 x Audio Cable
- 1 x USB Charging Cable
- 1 x DC 5V Charger
- 1 x User Manual (this document)



Figure 2: Rear and Side Views with Port Labels

Setup

1. Charging the Amplifier

Before first use, fully charge the amplifier. Connect the USB charging cable to the amplifier's charging port and the other end to the provided DC 5V charger or a compatible USB power source. The red indicator light will flash during charging and turn solid red when fully charged.

- Charging time: Approximately 3-5 hours.
- Working time: 8-12 hours (MIC mode); 6-8 hours (music mode), depending on volume.

2. Connecting the Microphone Headset

Insert the wired microphone headset's plug into the 'MIC' input port on the side of the amplifier. Ensure it is securely connected.



Figure 3: Adjustable Microphone Headset

Adjust the flexible gooseneck of the microphone so that the microphone capsule is positioned near your mouth, typically 1-2 inches away, for optimal voice pickup and to minimize feedback.

3. Wearing the Amplifier

Attach the provided waistband to the amplifier's clips. You can wear the amplifier around your waist or over your shoulder for convenient hands-free operation.



Figure 4: Amplifier Worn with Waistband

Operating Instructions

1. Power On/Off and Volume Control

Locate the ON/OFF/Vol. UP/DOWN switch on the top panel of the amplifier. Slide the switch to 'ON' to power on the device. To adjust the volume, continue sliding the switch towards '+' for louder volume or towards '-' for lower volume.

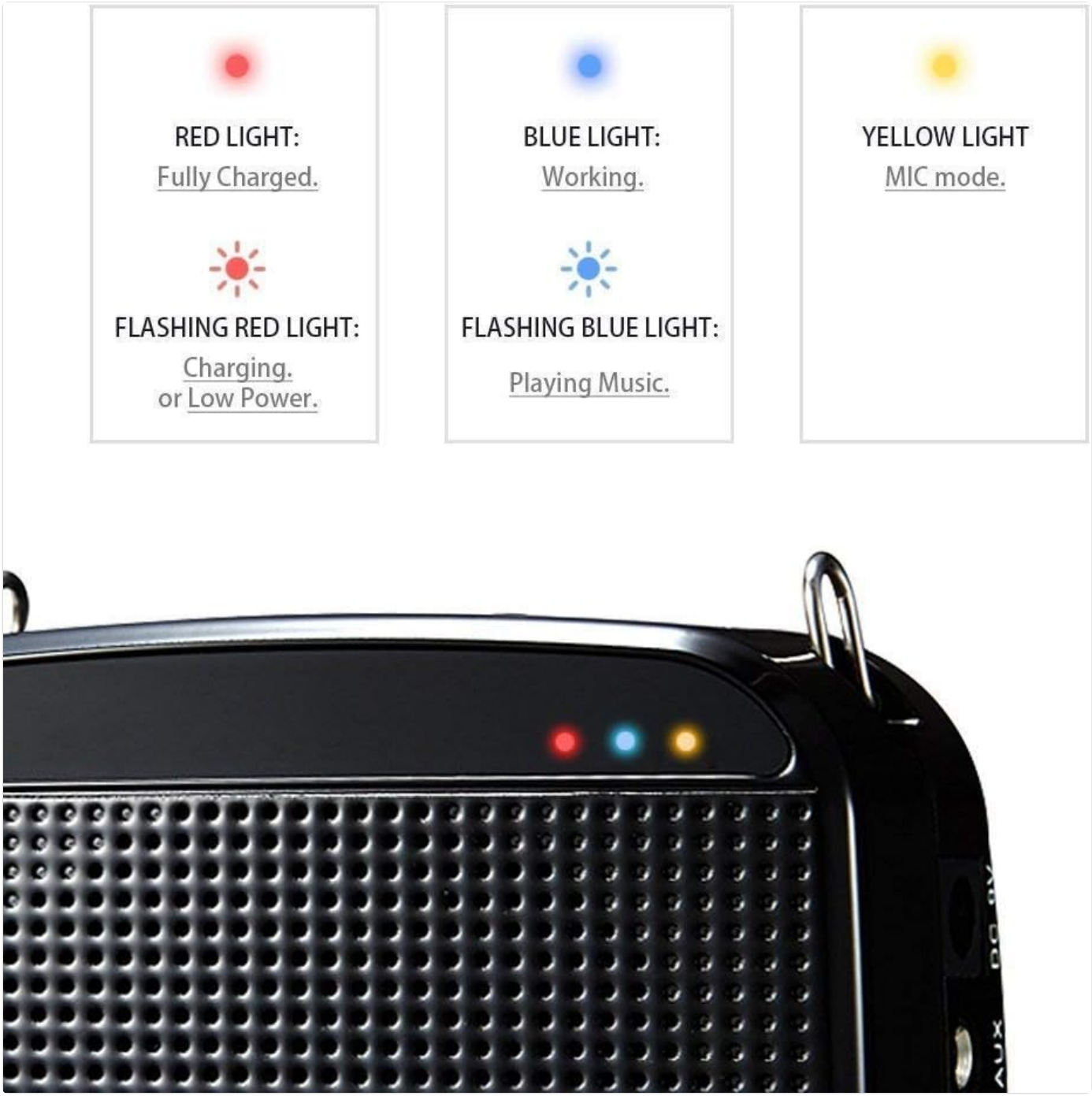


Figure 5: Top Panel Controls

Important: Before turning on the amplifier, always turn the volume down to a low level to prevent sudden loud noises or feedback.

2. Microphone Usage (MIC Mode)

With the microphone headset connected and the amplifier powered on, your voice will be amplified through the speaker. The yellow indicator light will illuminate when in MIC mode.

3. Music Playback (Music Mode)

The amplifier supports music playback via TF card, USB disk, and AUX input.

- **TF Card/USB Disk:** Insert a TF (Micro SD) card into the 'TF' slot or a USB disk into the 'USB' slot. The amplifier will automatically switch to music mode and begin playing audio files. Use the 'previous song', 'pause/play', and 'next song' buttons to control playback.
- **AUX Input:** Connect an external audio device (e.g., smartphone, MP3 player) to the 'AUX' input port using the provided audio cable. The amplifier will play audio from the connected device.

When in music mode, the blue indicator light will flash.



Figure 6: Music Mode Connectivity Options

4. Indicator Lights

The amplifier features three indicator lights (Red, Blue, Yellow) to show its status:

- **Red Light:**
  - Solid Red: Fully Charged
  - Flashing Red: Charging or Low Power
- **Blue Light:**
  - Solid Blue: Working (general operation)
  - Flashing Blue: Playing Music
- **Yellow Light:**
  - Solid Yellow: MIC Mode (voice amplification)



Figure 7: Indicator Light Meanings

Maintenance

To ensure the longevity and optimal performance of your SHIDU S512 Voice Amplifier, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the amplifier. Do not use liquid cleaners, aerosols, or solvents.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Battery Care:** To preserve battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% and recharge every 3-6 months.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.



Figure 8: Anti-skid Sticks for Stable Placement

Troubleshooting

If you encounter any issues with your SHIDU S512 Voice Amplifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from amplifier	Device is off; Volume is too low; Microphone not connected or faulty; Battery is drained.	Ensure device is ON; Increase volume; Check microphone connection; Charge the battery.
Sound is distorted or has static	Microphone too close to speaker (feedback); Volume too high; Faulty microphone or cable.	Increase distance between microphone and amplifier; Lower volume; Try a different microphone or cable if available.

Problem	Possible Cause	Solution
Device not charging	Charging cable or adapter faulty; Charging port damaged.	Ensure charging cable and adapter are working; Try a different USB port or adapter.
Music playback issues	TF card/USB disk not inserted correctly or corrupted; Incompatible audio format; AUX cable faulty.	Reinsert TF card/USB disk; Ensure files are MP3/WAV; Check AUX cable connection.

If the problem persists after trying these solutions, please contact SHIDU customer support for further assistance.

Specifications

Detailed technical specifications for the SHIDU S512 Voice Amplifier:

Feature	Specification
Output Power	15 W
Frequency Response	90Hz~18KHz
Battery Capacity	2000 mAh (Lithium Ion)
Charging Voltage	DC 5 V, 500 mAh
Working Time (MIC mode)	8-12 hours
Working Time (Music mode)	6-8 hours
Charging Time	3-5 hours
Sound Coverage	Up to 10000 sq.ft
Product Dimensions (L x W x H)	98 x 88 x 45 mm (3.86 x 3.46 x 1.69 inches)
Product Weight	183g / 0.4 lb (12.7 ounces)
Operating Temperature	-100C ~ 450C
Connectivity Technology	USB, AUX
Model Number	S512
UPC	604348704936



Figure 9: Product Dimensions

Warranty and Support

For warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official SHIDU website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you require technical assistance or have questions not covered in this manual, please contact SHIDU customer service through the contact information provided on their official website.

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