

SHIDU S613

SHIDU S613 Wireless Voice Amplifier User Manual

Model: S613 | Brand: SHIDU

1. INTRODUCTION

The SHIDU S613 18W UHF Wireless Voice Amplifier is designed to provide clear and powerful voice amplification for various settings, including teaching, guiding, coaching, and presentations. It features a wireless microphone, MP3 playback capabilities via TF card or USB disk, and can function as an external speaker for other devices.

Key features include:

- 18W output for clear, natural, and crystal-clear voice amplification, covering up to 10,000 sq. ft.
- UHF digital wireless technology for stable performance and automatic pairing.
- Integrated MP3 player supporting TF cards and USB disks.
- Auxiliary audio input for connecting to computers, laptops, tablets, or phones.
- Portable and lightweight design with an adjustable waistband for easy carrying.
- Rechargeable 2200mAh lithium battery for extended operation.

2. PACKAGE CONTENTS

Please check the box for the following items:

- 1 x Voice Amplifier
- 1 x UHF Wireless Microphone
- 1 x Adjustable Waistband
- 1 x Audio Cable
- 1 x USB Cable
- 1 x DC 9V Charger (for Voice Amplifier)
- 1 x 5V Wall Charger (for Microphone)
- 1 x User Manual

Included in the Box

8 items



Figure 2.1: All items included in the package.

3. PRODUCT OVERVIEW



Figure 3.1: SHIDU S613 Wireless Voice Amplifier.



Figure 3.2: Amplifier Controls and Ports.

The amplifier features a compact design with clearly labeled controls and ports for easy operation. Refer to Figure 3.2 for a detailed layout of the buttons and connections.

4. SETUP

4.1 Charging the Amplifier and Microphone

Before first use, fully charge both the voice amplifier and the wireless microphone.

- **Voice Amplifier:** Connect the DC 9V charger to the amplifier's power jack. The red indicator light will flash during charging. A solid red light indicates a full charge. Charging time is approximately 3-5 hours.
- **Wireless Microphone:** Connect the 5V wall charger (or USB cable to a 5V USB power source) to the microphone's charging port. Charging time is approximately 2-4 hours.

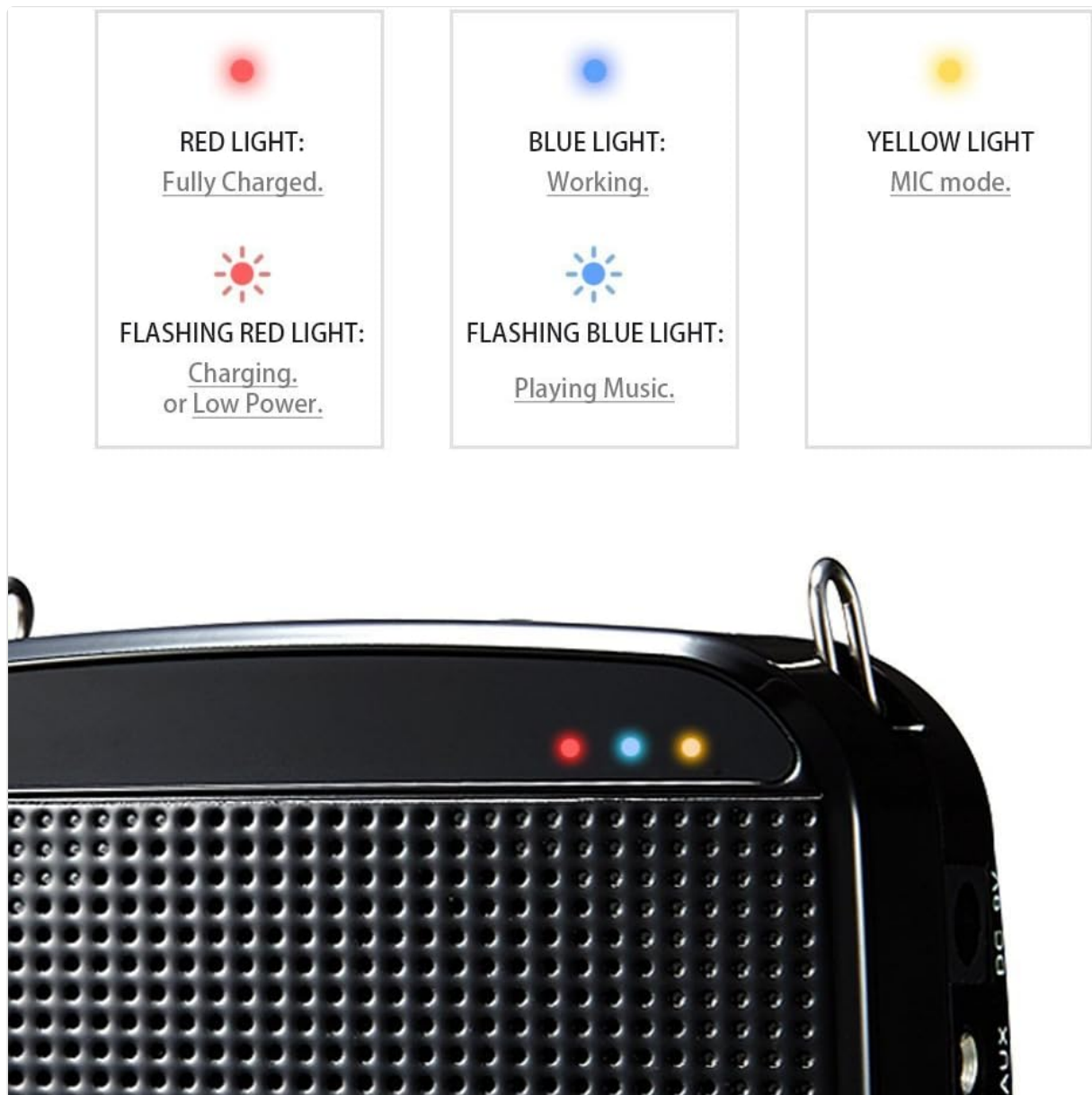


Figure 4.1: Indicator Light Meanings.

4.2 Pairing the Wireless Microphone

The UHF wireless microphone and amplifier are designed for automatic pairing. Simply turn on both devices, and they should connect automatically. If pairing issues occur, ensure both devices are charged and within range.

4.3 Wearing the Amplifier

Attach the adjustable waistband to the amplifier. You can wear the amplifier around your waist or over your shoulder for hands-free operation.



Figure 4.2: Wearing options for the voice amplifier.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Volume Control

- To power on, slide the ON/OFF switch to the "ON" position.
- To power off, slide the ON/OFF switch to the "OFF" position.
- Adjust the volume using the Vol. UP/DOWN slider switch.

5.2 Voice Amplification Mode

After powering on the amplifier and the wireless microphone, the system will automatically enter voice amplification mode. The yellow indicator light will illuminate (refer to Figure 4.1). Speak into the microphone, and your voice will be amplified through the speaker.

5.3 Music Playback Mode (TF Card / USB Disk)

The amplifier supports MP3 playback from a TF card or USB disk.

1. Insert a TF card into the TF card slot or a USB disk into the USB disk slot (refer to Figure 3.2).
2. Press the "mode" button to switch to music playback mode. The blue indicator light will flash (refer to Figure 4.1).

3. Use the "previous song", "play/pause", and "next song" buttons to control playback.



Figure 5.1: Music Playback Mode and Compatible Devices.

5.4 Auxiliary Audio Input (AUX)

Connect external audio devices (e.g., smartphone, laptop, tablet) to the amplifier using the provided audio cable via the AUX input port (refer to Figure 3.2). The amplifier will then function as an external speaker for the connected device.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Handling:** Handle the amplifier and microphone with care to prevent damage from drops or impacts.



Figure 6.1: Anti-skid pads for stable placement.

7. TROUBLESHOOTING

- **No Sound:**

- Ensure the amplifier is powered on and charged.
- Check that the volume is turned up.
- For wireless microphone: Ensure the microphone is powered on and paired with the amplifier.
- For AUX input: Verify the audio cable is securely connected to both devices and the external device's volume is up.
- For TF card/USB disk: Ensure the media is inserted correctly and contains compatible audio files.

- **Distorted Sound:**

- Reduce the volume on both the amplifier and the input source.
- Ensure the microphone is not too close to the amplifier to avoid feedback.
- Check for low battery on either the amplifier or microphone.

- **Microphone Not Pairing:**

- Ensure both the amplifier and microphone are fully charged and powered on.
- Power cycle both devices and try again.
- Ensure no other UHF wireless devices are causing interference nearby.

- **Short Battery Life:**

- Ensure the device is fully charged before use.
- Operating at maximum volume will consume battery faster.
- Battery performance may degrade over time with repeated charge cycles.

8. SPECIFICATIONS

Feature	Specification
Power Output	18 W
Battery Capacity (Amplifier)	2200 mAh
Frequency Response	80 Hz - 18 kHz
Charging Voltage (Amplifier)	DC 9V, 650 mA
Charging Voltage (Microphone)	DC 5V, 500 mA
Working Time (MIC Mode)	8-10 hours
Working Time (Music Mode)	6-8 hours
Working Time (Microphone)	3-5 hours
Charging Time (Amplifier)	3-5 hours
Charging Time (Microphone)	2-4 hours
Sound Coverage	Up to 10,000 sq. ft.
Operating Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Product Dimensions (L x W x H)	98 x 88 x 43 mm (3.86 x 3.46 x 1.69 inches)
Unit Weight	221 g
Connectivity	UHF Wireless, AUX, USB

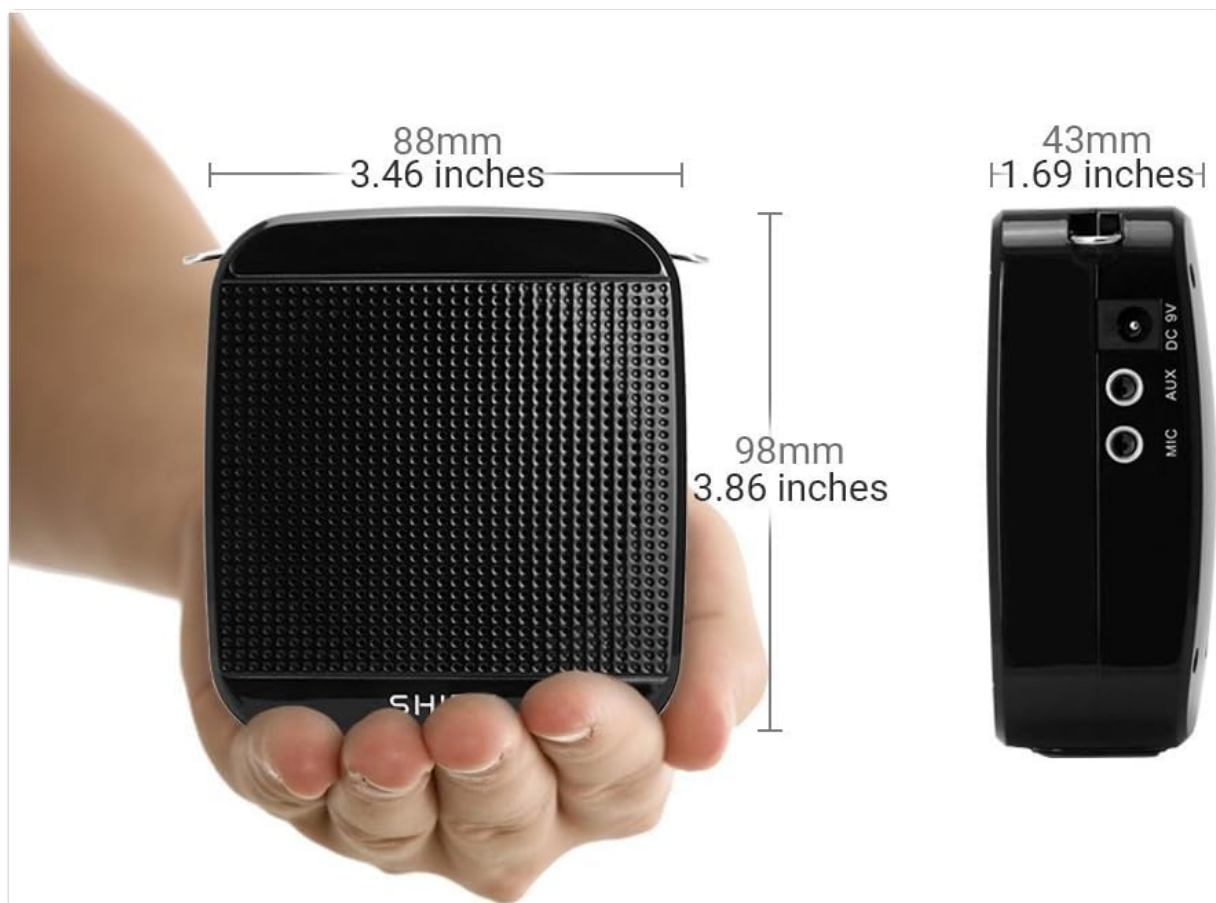


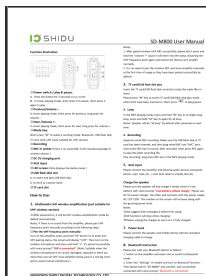
Figure 8.1: Product Dimensions.

9. WARRANTY AND SUPPORT

SHIDU offers a 30-day easy return and full refund policy for purchases and a 1-year warranty from the date of purchase. For any issues or support, please contact SHIDU customer service.






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Related Documents - S613



[SHIDU SD-M800 User Manual: Features, Specifications, and Usage Guide](#)

Comprehensive user manual for the SHIDU SD-M800 voice amplifier, detailing its functions, features, specifications, and troubleshooting tips. Covers multimedia playback, UHF wireless amplification, recording, and Bluetooth connectivity.

	SHIDU S40 Voice Amplifier User Manual - Features, Specs, and Operation Comprehensive user manual for the SHIDU S40 Voice Amplifier. Learn about features, specifications, troubleshooting, charging, microphone pairing, TF/USB playback, and Bluetooth connectivity.
	SHIDU S308 Voice Amplifier User Manual - Portable Sound Enhancement Comprehensive user manual for the SHIDU S308 Voice Amplifier. Learn about its features, operation, specifications, and how to wear it for clear and amplified sound.
	SHIDU S258 Portable Voice Amplifier User Manual Comprehensive user manual for the SHIDU S258 Portable Voice Amplifier, detailing features, specifications, operation instructions, and troubleshooting tips for optimal sound amplification and music playback.
	Shidu SD-M800 Voice Amplifier User Guide: Setup and Operation Learn how to set up and use your Shidu SD-M800 voice amplifier with this comprehensive user guide. Covers charging, power on, and connecting wired headsets, Bluetooth devices, AUX inputs, USB drives, and Micro SD cards for optimal audio performance.
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Documents - SHIDU – S613



[\[pdf\]](#) Declaration of Conformity Safety Datasheet
Declaration Letter of Model Difference ShenZhen SHIDU Digital Technolgy Co Ltd PA 25W Wireless Microphone 2AN03PA 2AN03PA25W pa 25w
ShenZhen SHIDU Digital Technolgy Co.,Ltd Add: F6, Zhaofeng, HangKong Rd, Bao an, Shenzhen, China Da ... SDU16, SD-U17, SD-U18, SD-U20, SD-U30, SD-S28, SD-S20, SD-S30, SD-S278, SD-298, SD-S40, SD-S611, SD-S613, SDS615, SD-S619, SD-S92, SD-S93, SD-S94, SD-S96, SD-97, SD-S98, SD-S99, SD-M500,SD-M800, SD-M9...
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TOBY Shenzhen Toby Technology Co., Ltd.

Report No.: TB-MPE177918
Page: 1 of 2

RF Exposure Evaluation
FCC ID: 2AN03PA-25W

1. Client Information

Applicant	Shenzhen SHIDU Digital Technology Co., Ltd.
Address	F6, Zhaofeng, HangKang Rd, Bao'an, Shenzhen, China
Manufacturer	Shenzhen SHIDU Digital Technology Co., Ltd.
Address	F6, Zhaofeng, HangKang Rd, Bao'an, Shenzhen, China

2. General Description of EUT

EUT Name	Wireless Microphone
Model(s) No.	PA-25W, SD-U2, SD-U8, SD-U18, SD-U36, SD-U72, SD-U15, SD-U16, SD-U17, SD-U18, SD-U20, SD-U30, SD-S28, SD-S20, SD-S30, SD-S278, SD-S298, SD-S40, SD-S611, SD-S613, SD-S615, SD-S619, SD-S92, SD-S93, SD-S94, SD-S96, SD-S97, SD-S98, SD-S99, SD-M500, SD-M800, SD-M1000, SD-M2000
Model Different	All these models are identical in the same PCB, layout and electrical circuit, the only difference is appearance.
Sample ID	20201217-2018020201217-20-2F
Product Description	Operation Frequency: 501MHz-540MHz Number of Channel: 40 channels Max Power Output: 1.46dBm Antenna Gain: 1.95dB External Antenna Equipment System: Digital systems
Power Rating	USB Input: DC 5V DC 3.7V 550mAh by Li-ion Battery
Software Version	SD-PA25W-V1.4
Hardware Version	SHIDU-USB-V2.2
Remark	The antenna gain provided by the applicant, the verified for the RF conduction test and adapter provided by TOBY test lab.

Note: More test information about the EUT please refer the RF Test Report.

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[pdf] SAR Rating

Microsoft Word TB MPE177918 RF Exposure toby858 info ShenZhen SHIDU Digital Technolgy Co Ltd

PA 25W Wireless Microphone 2ANO3PA 2ANO3PA25W pa 25w

Shenzhen Toby Technology Co., Ltd. Report No.: TB-MPE177918 Page: 1 of 2 RF Exposure Evaluation ... 6, SD-U17, SD-U18, SD-U20, SD-U30, SD-S28, SD-S20, : SD-S30, SD-S278, SD-298, SD-S40, SD-S611, SD-S613, SD-S615, SD-S619, SD-S92, SD-S93, SD-S94, SD-S96, SD-97, SD-S98, SD-S99, SD-M500, SD-M800, SD... lang:en score:25 filesize: 358 K page_count: 2 document date: 2021-03-01

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FCC Radio Test Report
FCC ID: 2AN03PA-25W

Report No.: TB-FCC177917
Applicant: Shenzhen SHIDU Digital Technology Co., Ltd.

Equipment Under Test (EUT)

EUT Name	Wireless Microphone
Model No.	PA-25W
Series Model No.	SD-U2, SD-U8, SD-U18, SD-U36, SD-U72, SD-U15, SD-U16, SD-U17, SD-U18, SD-U20, SD-U30, SD-S28, SD-S20, SD-S30, SD-S278, SD-S298, SD-S40, SD-S611, SD-S613, SD-S615, SD-S619, SD-S92, SD-S93, SD-S94, SD-S96, SD-S97, SD-S98, SD-S99, SD-M500, SD-M800, SD-M900, SD-M1000, SD-M2000

Brand Name: SHIDU
Sample ID: 20201217-2018020201217-20-2F
Receipt Date: 2020-12-21
Test Date: 2020-12-22 to 2021-03-01
Issue Date: 2021-03-01
Standards: FCC Part 15, Subpart C (15.230)
Test Method: ANSI C63.10-2013
Conclusions: PASS

In the configuration tested, the EUT complied with the standards specified above.
The EUT technically complies with the FCC requirements.

Test Witness Engineer: [Signature]
Engineer Supervisor: [Signature]
Engineer Manager: [Signature]

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of this same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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[pdf] Test Report

Microsoft Word TB FCC177917 Report 15 236 toby858 Test DWM ShenZhen SHIDU Digital Technology

Co Ltd PA 25W Wireless Microphone 2ANO3PA 2ANO3PA25W pa 25w

Shenzhen Toby Technology Co., Ltd. Report No.: TB-FCC177917 Page: 1 of 41 FCC Radio Test Report ... SDU16, SD-U17, SD-U18, SD-U20, SD-U30, SD-S28, SD-S20, SD-S30, SD-S278, SD-298, SD-S40, SD-S611, SD-S613, SD-S615, SD-S619, SD-S92, SD-S93, SD-S94, SD-S96, SD-97, SD-S98, SD-S99, SD-M500, SD-M800, SD-M... M...

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