
Portable Digital Voice Amplifier

User Manual of S508 Serial



Welcome to the digital voice amplifier S508 series. The lithium battery capacity of this amplifier is up to 8000mAh. It has strong battery life. Please read the manual carefully before use, so that you can operate the voice amplifier correctly and achieve ideal performance.

Product functional features:

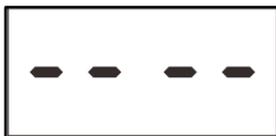
1. The battery capacity of the voice amplifier is up to 8000mAh, with long battery life.
2. 5-inch full frequency speaker with 30W peak power.
3. Supports connecting two UHF wireless microphones.
4. Supports 3.5mm and 6.3mm wired microphone interfaces.
5. Supports Bluetooth connection and can play music through your phone.
6. Support FM radio.
7. USB-C charging interface, audio playback can be achieved by connecting to a computer.
8. Supports reverb sound effects and has three reverb modes to switch.
9. Supports one click recording.
10. Support mode switching, digital display, voice reminder.
11. Support TF card, USB disk audio playback, AUX audio signal input.
12. Supports single repeat and all repeat.

Function map:



LED digital screen diagram:

1. Click the mode key  to enter the "standby mode" and the display status of the LED screen is:



2. Click the mode key  to enter the "radio mode", and the display status of the LED screen is:



3. Click the mode key  to enter the "Bluetooth mode", and the display status of the LED screen is:



4. Plug in USB disk in standby mode, automatically enter "MP3 mode", and the display status of the LED screen is:



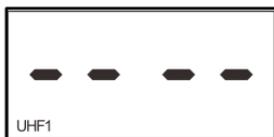
5. Insert TF card in standby mode, automatically enter "MP3 mode", and the display status of the LED screen is:



6. Plug in AUX audio cable in standby mode, automatically enter "AUX mode", and the display status of the LED screen is:



7. In standby mode, click the UHF key  to switch between UHF1, UHF2, UHF1/UHF2, and UHF off. The display status of the LED screen is:



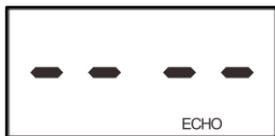
8. In standby mode, In UHF1 or UHF2 mode, long press and hold the UHF key  to enter the waiting for pairing of UHF1 or UHF2. The display status of the LED screen is:



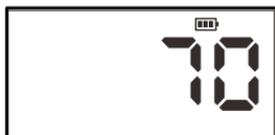
9. Click the recording key  to enter "recording mode". The display status of the LED screen is:



10. Click the echo key  to enter echo mode. The display status of the LED screen is:



11. In standby mode, click the play/pause key  to view the remaining battery percentage value. The display status of the LED screen is:



Operation description:

1. Power switch of the voice amplifier:

Turn the knob key  clockwise to enter the power state. When the voice amplifier is turned on, the current mode will be reminded by voice, and the LED screen will also display the current mode.

Then, turn the knob key  counterclockwise to enter the shutdown state, and the voice amplifier will save the current state. Always, when you turn on the voice amplifier, it will automatically load the saved state.

2. Volume control of the voice amplifier:

Turn the knob key  to adjust the volume. Rotate clockwise to increase volume and counterclockwise to decrease volume.

3. Wired microphone voice amplification:

Supports 3.5mm and 6.3mm microphone interfaces. Please keep more than 3 meters between the microphone and the voice amplifier, and adjust the microphone pickup position and angle, to avoid sound resonance.

4. UHF wireless voice amplification.

In standby mode, click the UHF key  for the first time to enter the UHF1 wireless amplification mode, the LED screen displays , and there is a voice prompt of "UHF one", it indicates that the UHF1 wireless microphone can be used. The second time you click the UHF key  to enter the UHF2 wireless amplification mode, the LED screen displays , and there is a voice prompt of "UHF two", it indicates that the UHF2 wireless microphone can be used. The third time click the UHF key  to enter the UHF1 and UHF2 wireless amplification modes, the LED screen displays , and there is a voice prompt of "UHF one and UHF two", it indicates that the UHF1 and UHF2 wireless microphone can be used. The fourth time to click the UHF key  will turn off the UHF1 and UHF2, and there is a voice prompt of "UHF off". The voice amplifier returns to standby mode, and the wireless microphone cannot be used at this time. When you don't use UHF1 or UHF1, to turn off the UHF1 or/and UHF2 will save power.

5. Pairing operation of voice amplifier and wireless microphone.

The products are already paired in the factory, and there is no need to pair them again. You can directly use them when you turn on the microphones. If you need to pair them again, please remember that the pairing operation of the headset wireless microphone S128 and the handheld wireless microphone S158 is different.

5.1. Pairing operation of voice amplifier and headset wireless microphone S128.

1) Turn on the power switch of the voice amplifier, switch to standby mode by clicking the mode key , then click the UHF key  to enter the UHF1 mode, press and hold the UHF key  again to enter the pairing state, the LED screen display , and there is a voice prompt of "waiting for pairing".

2) Turn on the S128 power switch, press the S128 side volume "+" key and the volume "-" key at the same time for more than 3 seconds, until the voice prompt "Paired successfully", and then you can use S128 for wireless voice amplification. You can adjust the wireless amplification volume by pressing the "+" or "-" key of S128.

3) If the voice prompts " Paired failed ", you need to start from steps 1) to 2) again.

5.2. Pairing operation of voice amplifier and handheld wireless microphone S158.

1) Turn on the power switch of the voice amplifier, switch to standby mode by clicking the mode key . Switch to UHF2 mode by clicking the UHF key , and then press and hold the UHF key to enter the pairing state. The LED screen displays , and there is a voice prompt of "waiting for pairing".

2) If S158 is turned on, you need to press and hold the power key of S158 to turn off the power. Then press and hold the power key of S158 again to turn on the power, and then within 30 seconds, continuously click the S158 power switch three times. If the voice prompt " Paired successfully ", and then you can use S158 for wireless amplification.

3) You must complete the pairing operation within 30 seconds after S158 power on. If not, it cannot be paired, and there will be a voice prompt " Paired failed ", you need to perform steps 1) and 2) above to re pair.

6. FM radio mode

Switch to radio mode by clicking the mode key . Press and hold play/pause key  to automatically search and store channels.

After the channel search is completed, click  or  to switch to different channels. The FM frequency range is 87.5-108MHz.

7. Bluetooth mode

By clicking the mode key  to switch to Bluetooth mode, the LED screen displays , and then turning on the Bluetooth switch of the phone, find the wireless voice amplifier name S508 in the available devices and click pairing, the voice will prompt "Connected", and you can play music or other audio files on the phone. Click  or  music to switch to the next or previous track, click  to disconnect pairing, and the voice will prompt "Disconnected". Click  again to enter pairing state, and the voice will prompt "Waiting for connection". When a phone call is coming, clicking  can answer the call. If you click  during the call, the call will be ended.

8. MP3 mode

In standby mode, plug in USB disk or insert TF card with audio files saved in MP3, WMA, or WAV formats, it will automatically switch to MP3 mode and give a voice prompt of "MP3 mode". The audio files in the USB disk or TF card will be played, and the LED screen will display play time, such as  or , indicating

that the music has been played for 28 seconds. Click  or  to switch to the next or previous audio file, press and hold  or

 to fast forward or rewind, and click  to pause the music playback, the pause play key icon on the LED screen enters a flashing state, and then click  to continue to play music. The pause play

key icon on the LED screen enters a constant light state and click

 to switch between single repeat and all repeats.

When plug in USB disk and insert TF card, priority should be given to the last plug in. If the TF card is plugged in last, priority should be given to playing the audio files in the TF card. If the USB disk is plugged in last, priority should be given to play the audio files in the USB disk. When both the USB disk and TF card are plugged in at the

same time, pressing the mode key  can switch audio playback between the USB disk and TF card.

9. AUX mode

In standby mode, connect the voice amplifier to external audio sources such as computer, mobile phone, PAD, MP3, MP4, etc. through a 3.5mm AUX audio cable, and it will automatically switch to AUX mode. The LED screen will display  and there will be voice prompts. At this time, it can be used as an external speaker.

10. TF card read and write

After the amplifier is connected to the computer via the charging data cable, and only the TF card is plugged in, you can click the mode button  to switch to PC mode to read and write the TF card. If you plugged in a TF card and a USB drive at the same time, you cannot switch to PC mode.

USB disk cannot not be read or written through an amplifier. You can plug in the USB disk into a computer USB port to read and write it.

11. One click recording

Before recording, you must insert a wired microphone or turn on the

UHF wireless microphone, and also plug in USB disk or TF card. If you miss one of these steps, when you click the recording key , there will be a voice prompt " Please plug in wired microphone, or connect the UHF wireless microphone ", " Please plug in USB disk or insert TF card ", " And retry ". After meet the requirements according to the prompt tone, click  again to enter the recording state, there is a voice prompt "Start recording", then you can record from a wired microphone or UHF wireless microphone. The LED screen will display the recording time, for example, the LED screen shows , indicating that the recording has lasted for 28 seconds. During the recording process, click the play/pause key  to pause the recording, and then click  to continue the recording. After recording, click the recording key  again to save the recording file and exit the recording. At the same time, it will automatically switch to MP3 mode to play the recording file.

12. Echo mode

The first time you click the echo key , you enter the first level echo sound effect in echo mode, the LED screen flashes E-01 and go

back to the current mode. The second time you click , you enter the second level echo sound effect, the LED screen flashes E-02 and go back to the current mode. The third time you click , you enter the third level echo sound effect, the LED screen flashes E-03 and go back to the current mode. You click  again, and the LED screen flashes EOFF to turn off echo.

13. Power display of the voice amplifier

In standby mode, by clicking , you can see the remaining battery of the voice amplifier through the LED screen. For example, if the LED screen displays , it indicates that the remaining battery of the voice amplifier is 70%, at the same time, the voice amplifier prompts "Battery 70%".

14. Low battery of the voice amplifier

When the low battery symbol  on the LED screen of the voice amplifier enters a slow flashing state, it indicates that the battery of the voice amplifier is low, and the voice amplifier will prompt "Low battery, please charge". The low battery symbol  will continue to flash slowly, every 15 minutes, there will be a voice prompt saying "Low battery, please charge". When the voice amplifier is in a low

battery state, a voice prompt will appear every time the power is turned on, saying "Low battery, please charge in a timely manner", until the charging device is plugged in or the voice amplifier runs out of power.

15. Voice amplifier charging

Connect the voice amplifier to devices such as computers, mobile phone chargers, or mobile power supplies through the USB-C charging data cable, and then charge it. When the voice amplifier is turned on and charging, the LED screen symbol  flashes rapidly every 1 second. After the battery is fully charged, and the symbol  will stop flashing and be off. When the voice amplifier is turned off for charging, the LED screen symbol  flashes rapidly every 1 second, and the symbol  will be on after the battery is fully charged.

Tips and cautions:

1. As this product is a high-power voice amplifier, it is recommended to use a microphone with a line length of at least 3 meters when using a wired microphone to avoid howling.
2. When using the headset wireless microphone S128 and handheld wireless microphone S158, it is recommended to keep a distance of

at least 1 meter between the wireless microphone and the amplifier before conducting wireless amplification. It is also necessary to adjust the position and angle of the microphone pickup head to avoid sound howling. If sound howling occurs, please adjust the microphone position and angle in a timely manner, or reduce the volume of the voice amplifier.

3. When using the voice amplifier for the first time or not use for a long time, please fully charge it to ensure the battery life.

4. This product supports both USB/DC 5V charging and PD protocol USB/PD 9V fast charging.

5. To avoid distortion or damage caused by excessive voltage or current, please do not insert the external sound source signal into the MIC interface.

6. Please don't disassemble or repair it by non-professional technical personnel. If there are any problems, please contact our company for after sale service.

7. To prevent the danger of short-circuiting, please keep products or accessories away from water, moisture, rain, or splash.

8. Do not use it in inflammable and explosive areas or in areas where radio equipment is prohibited. When you are entering dangerous

areas or prohibited areas, power should be turned off to avoid potential safety hazards.

9. Do not use it in high temperature, high pressure, and high humidity environment (such as sunshine exposure, stove, heater, humidifier, water pool, etc.). Do not place it or close to dangerous sources (fire source, liquid, explosive, high-speed machinery, etc.) to avoid damage and danger.

10. To protect the environment, please put the voice amplifier in the designated trash can or send it back to the manufacturer. It should not be discarded at will.

Product specification

1. S508 voice amplifier UHF wireless:

Rated power: 15W

Peak power: 30W

Speaker: 5 inches/4 Ω 15W

Frequency: 80Hz-15KHz

Battery specifications: 3.7V/8000mAh (4 18650 lithium batteries in parallel)

Charging voltage/current: USB/DC 5V 3.5A(Max)

Charging voltage/current: USB/PD 9V 1.7A(Max)

Charging time: 4-6hours

Wireless amplification time: About 8 hours (100% volume)

Wireless amplification time: About 13 hours (70% volume)

Product size: 152*81*195mm

NET weight of product: 1100g

2. S128 Wireless microphone:

Battery specifications: 3.7V/600mAh, Lithium polymer battery

Wireless amplification time: About 6 hours

Charging Voltage/Current: 5V/0.5A(max)

Charging time: About 2 hours

Wireless distance: About 20 meters

Frequency range: 660MHz-689MHz

3. S158 Wireless microphone:

Battery specifications: 2*AA batteries

Wireless amplification time: About 14 hours

Wireless distance: About 20 meters

Frequency range: 660MHz-689MHz

Packing List

Voice amplifier * 1, headset wireless microphone S128* 1, handheld wireless microphone S158* 1, AUX audio cable * 1, USB-C charging/data cable * 2, User Manual * 1.



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