ZANSONG®

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User Manual

High-power Professional Voice Amplifier

ZANSONG® M12

Introduction

Dear user:
Welcome to use the professional voice amplifier. We feel deeply honored to get your support and trust.

In order to give you an overall understanding of this product and facilitate your use, we prepare the user manual which includes specifications, structural features, technical features, operations, instructions for use, simple troubleshooting, Maintenance, etc. are essential guidelines for you to use this product.

This product is a professional voice amplifier device. For safe use and proficiency use, the operator must first read the user manual in detail before operating this product, I believe it will help to you to use this product effectively. In addition, if you have any questions during use, please call or write for consultation, we look forward to serving you.

Packing List

01: Voice amplifier	*1
02:Wireless Microphone (standard accessories of M12)	*1
03: User manual (including warranty card certificate)	*1
04:Type-C charging cable	*1
05: Lanyard	*1

*After opening the package, please check the accessories in detail. If you find that there are incomplete accessories or no accessories, please contact the local dealer or call customer service to report them missing items in time, and get replacement accessories or get a refund.

Notice
Some features and functions of the product and its accessories described in this manual are for reference only. The manufacturer reserves the right to modify any information in this manual at any time without any prior notice and assumes no responsibility.

Disclaimer
For the contents of this manual, unless required by applicable laws, the manufacturer does not provide any express or implied guarantee for all the contents of this manual, including but not limited to the guarantee of suitability for sale or use for a specific purpose. In any case within the scope permitted by law, any special, incidental, indirect, consequential damages arising from the use of the content of this manual will not be compensated, nor will any profit, data, goodwill or Compensation for foreseeable losses.

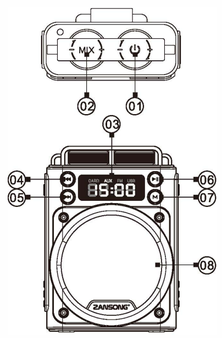
Import and Export
If you need to export, re-export, or import the products described in this product manual, you shall comply with applicable import and export control laws and regulations.

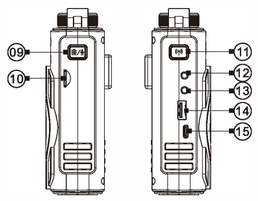
Safety instructions

1. Please pay attention to all safety warnings and follow all instructions
2. Only use a dry cloth to clean this product
3. Do not block any interface of the product, please use the product according to the user manual provided by the manufacturer.
4. Do not place this product near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
5. Protect the charging cable from being stepped on or squeezed, especially the plug, socket and other accessories.
6. Please use the accessories specified by the manufacturer
7. In case of thunderstorm or long-term non-use of this product, please unplug it.
8. All maintenance work should be performed by a professional designated by the manufacturer (or an authorized dealer), any damage to the product needs to be repaired, such as liquid splashes or sundries entering the product, or the product is exposed to rain or humidity, resulting in failure to operate normally, or the product falling and causing damage.
9. Do not expose the product to dripping or splashing liquids, and do not place objects containing liquids (such as water cups) on the product.

10. If the battery is improperly replaced, there is a danger of explosion. Only replace it with the same type or equivalent type of battery. The battery must not be exposed to excessive heat environment such as sunlight, fire or similar.
11. If it is necessary to replace the battery from the product. Please perform the correct operation provided on the battery package. The user can not dismantle the product with a built-in battery. If the built-in battery needs to be replaced for any reason, it must be replaced by the manufacturer (or an authorized dealer designated professionals).
12. Please turn off this product in places or areas where the use of wireless devices is expressly prohibited (such as gas stations, before taking off by plane, cabins below the deck of ships, and storage areas for medical and chemical products).
13. This product is suitable for tropical climate conditions.
14. This product should not be disposed or discarded together with other domestic waste. Segregated collection and proper recovery of electrical and electronic waste not only helps us conserve natural resources, but also ensures human health and environmental safety, for more information on disposal, recovery and collection of electrical and electronic waste, please contact your local city of municipal administration.

Product Description





01. Power on/off and volume adjustment
02. Reverberation adjustment
03. Digital dot matrix display
04. Select channel after radio/previous song
05. Select the channel before radio/next song
06. Play/ Pause
07. M mode
08. Speaker
09. Record/Delete
10. TF card
11. Pairing key
12. MIC
13. AUX
14. USB Flash Disk
15. Type-C

Power On and Off

01. In off state, turn the knob to the right and hear a "Da" beep to turn on, and continue to turn it to the right to increase the volume.
02. In on state, turn the knob to the left and hear a "Da" beep to turn off, and continue to turn it to the left to decrease the volume.

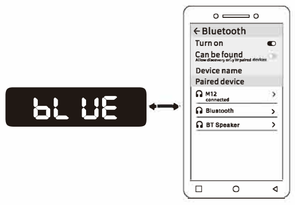
Battery Power Display Instructions

Battery Power Display

While charging, the battery power display icon flashes, and when fully charged, the battery power icon keeps on; when the power is low, the battery power icon flashes.

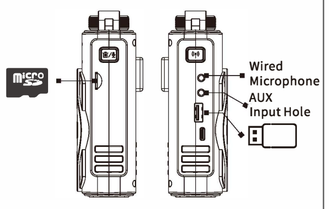
Bluetooth Connection

When the device is in Bluetooth mode, turn on the Bluetooth function in your phone settings for fist connection, click to search for devices, and then find M12 (model name) in the available devices, when you hear that "Bluetooth is connected" indicates a successful pairing, you can use your phone to play music which you like.



Preparation before Recording

1. Prepare a TF card or USB flash disk into the device.
2. Use a wired headset to plug into the MIC hole or wireless microphone to record.



Recording Steps

Recording: Press the "Record/Delete" button to start recording, the REC on the display will light up, and the recording will start timing.
At this time, you only need to speak into the microphone, voice amplify and record at the same time, and then
press the "Record/Delete" button to save the recording and play,
press "Record/Delete" again to record the next recording;
to play several recording , please press "⏮" for the previous song or "⏭" for the next song to switch, and press "▶II" to play or pause the recording.
All currently playing recordings are played in a single loop.

Delete Recording

While playing recording, long press the "Record/Delete" key to delete the currently playing recording file.

Screen Display During Decording

REC icon lights up indicates the recording timer starts.

The numbers on the display changing indicates that the recording is in progress.

Recording with A Microphone

Keep the microphone right at the front of the voice source
This picture shows the correct way to wear it.

USB/TF card mode

Insert the TF card or U Disk, automatically switch to MP3 mode, and automatically play the audio files of the TF card or USB flash disk. Our Product has a power-off memory function, will continue to play starting with the breakpoint position last time when the music mode is turned on next time.

TF card or USB flash disk maximum support capacity: 32GB

Music format: support Mp3

Connect the Wireless Microphone to the Voice Amplifier

When the wireless microphone turned on, the blue light keeps on. Press and hold the "M" button on the wireless microphone for 5 seconds, the blue light flashes, release the "M" button.

turn on the power switch of the voice amplifier and enter the wireless automatic pair mode. The blue light stops flashing and keeps on, the voice amplifier delivers "microphone mode" means a successful pairing.

The wireless microphone has 12 levels of volume, the volume "+" means the signal is strengthened and the sound is increased,
the volume "-" means the signal is weakened and the sound is decreased.

Warm Tips:

During use, if the voice amplifier howling, you can continuously click the volume "-" key to reduce and eliminate interference.

Frequency Conversion and Prevent Interference of Frequency Channeling

After the U circle wireless microphone is successfully connected to the voice amplifier, click the "M" key twice to prevent interference frequency channeling.

The voice amplifier will automatically track the frequency and reconnect when amplifying. the voice amplifier will deliver "microphone mode" indicating reconnecting is successful.

Long press the "M" button 5 seconds on the wireless microphone to unlock it for 5 seconds, the blue light flashes, means entered the frequency conversion mode, and need to re-link the frequency.

Use Multiple Sets without Interference

The U-shaped wireless microphone can support multiple sets at the same time without interference.

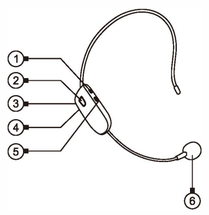
If multiple sets are used at the same time, first reconnect according to the steps (Connect the Wireless Microphone to the Voice Amplifier) and then operate the frequency conversion;

if 10 sets are used at the same time,
press and hold the "M" button once for the first wireless microphone to change frequency,
press and hold the "M" button twice for the second wireless microphone, and so on to the tenth to achieve multiple use without interference.

U-shaped wireless Microphone reset、use time & transmission distance

Press and hold the volume "+" of the U-shaped wireless microphone, turn on the power switch, the blue light flashes five times indicates successful reset;
then turn on the voice amplifier, and release the volume "+" of the U-shaped wireless microphone.
The Microphone use time up to 6 hours.

U-shaped Wireless Microphone



1. Power switch: power on and power off
2. M mode key: unlock, frequency conversion, frequency interruption, frequency binding
3. Volume key: volume up
4. Volume key: Volume down.
5. Charging: Connect to USB power with output voltage DC5V
6. Microphone head: voice input

How to Wear A Microphone

1. Keep the wired microphone in front of the voice source and speak (as shown in the picture).

Voice source front
Aim at this side when speaking.

2. When speaking, please refer to the correct wearing instruction and keep it right at the front of the voice source (as shown in the picture)

Keep the microphone right at the front of the voice source
This picture shows the correct way to wear it.

3. Wrong wearing (as shown in the picture) will cause problems such as howling and low voice.

Not at the front of the voice source
This picture shows the wrong way to wear it.

Tip: The black cotton can filter the sound of interfering airflow.

Specifications

SNR	≥95dB
AUX Input	850mV
Frequency	120Hz–20KHz
Maximum Output Power	15W
Output Impedance	4Ω
Battery	Double power battery 7.4V
Charging Voltage	DC 5V
Charging Time	About 3-4 hours
Product Size	135 x 51 x 91mm
Product Weight	About 320g

⚠ Warning

Operating Environment

01. This product should not be placed in an unbalanced, humid place or near other fire or heat sources (such as stoves).
02. Do not place the product near devices that are susceptible to interference.
03. Please do not use power chargers and batteries that are not equipped with this machine.

Cleaning and maintenance

01. This product must not be immersed in water or splashed with water.
02. Do not use hard objects to wipe the surface to avoid scratches.
03. Please use a soft cloth to wipe.

Power Warning

01. Please do not use power adapters and charging cable not provided with this machine.
02. If the power adapter and charging cable are damaged, must be replaced with the original matching to avoid insufficient power supply or damage to the PCBA.

03. Do not pinch, bend or twist the AC charging cable excessively, otherwise the core may be exposed or broken.
04. Do not use the power adapter and charging cable provided with this product on other devices.
05. Please do not let children operate it alone and keep it away from the reach of infants and young children to avoid dangerous accidents such as electric shock and burns.
06. Please do not insert or press out the power adapter plug with wet hands to avoid electric shock or injury.

Cautions

01. Please do not drop this product or hit it with hard objects to avoid injury or malfunction.
02. Please do not use it when the structure is damaged, so as not to cause injury or other accidents.
03. Do not remodel. Non-maintenance technicians are not allowed to disassemble and repair it to avoid fire, electric shock and injury.
04. When abnormality or malfunction occurs, stop using it immediately to avoid fire, electric shock and injury..

Warranty & Repair Policy

1. Please keep this warranty service card properly. If the warranty service card is lost, it will not be reissued. Please be sure to keep the invoice (or photocopy) or relevant vouchers (valid vouchers must be affixed with the dealer's store stamp), and present them together when the device is faulty and sent for repair. If you can not provide the invoice or relevant valid purchase vouchers, the product warranty The starting date of the period will be based on the date of manufacture corresponding to the serial number.
2. Within one month from the date of sale of this product, if the voice amplifier has a failure under normal use conditions, you can receive free after-sales replacement service; within two years, if the voice amplifier has a failure under normal use conditions, you can receive free after-sales repair warranty service.
For product warranty service needs, please contact local purchasing dealer or agent for assistance.
3. The accompanying consumables (product lanyards, charging cables, etc.) are not covered by the warranty.
4. If the damage is caused by the following factors, the company will have the right to charge maintenance service fees as appropriate.

A. Damage caused by natural disasters (floods, fires, earthquakes, lightning strikes, typhoons, etc.), irresistible external forces, or careless human operation.
B. You can not disassemble, repair, or send the product to an uncertified maintenance point for inspection and maintenance by yourself.
C. Alterations or unauthorized repairs: Faults and damages caused by modification, repair, or change of specifications by the user or by a third party to accessories that are not shipped, authorized or approved by the manufacturer.
D. Damage caused by improper use by the user (such as excessive power supply voltage, overheated or cold environment, damp, impact, drop, etc.).
E. The company's warranty service card is torn or unrecognizable, the warranty service card is altered or does not match the product.
F. Other abnormal uses.

Certificate	
Product name	High-Power Professional Voice Amplifier
Model	M12
QC	
Date of manufacture	

WARRANTY CARD

When purchasing products, please fill out this card carefully and keep it properly.

Customers fill in.

Model	
Purchase Date	
Name	
Address	
Phone Number	

Dealers fill in

Company Name	
Address	
Person in Charge	
Phone Number	
Signed and Sealed	

FCC Caution*
(1) § 15.19 Labelling requirements*
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation*

§ 15.21 Changes or modification warning
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment*
§ 15.105 Information to the user*
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the
instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of
the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

only certificate antenna can authorization to use, other types of antennas and/or higher gain antennas and cables may require the additional authorization for operation to ensure compliance with the RIP limits applicable to unlicensed wireless microphones.