

TONOR TW820 UHF Wireless Microphones System



TONOR TW820 UHF Wireless Microphones System Instruction Manual

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TONOR TW820 UHF Wireless Microphones System



Product Information

Specifications

- **Model:** TW820, TW821, TW822
- **Type:** UHF Wireless Microphone
- **Power Supply:** 2*AA batteries

Product Usage Instructions

MICROPHONE OPERATION INSTRUCTION

1. Display Screen
2. On/Off Switch
3. Tail Tube
4. HI-LO Button
5. Battery Compartment

Install 2*AA batteries before using the wireless microphone by following these steps:

1. Take down the tail tube of the mic.
2. Install the batteries and tighten the tail tube of the mic.

Note: Ensure the correct polarity of the battery.

BODYPACK OPERATION INSTRUCTION

Refer to the provided images for component labelling.

RECEIVER INSTRUCTION

1. Receiving antenna
2. Power switch (long press for 2s to turn it on/off)
3. Volume adjusting button for microphone A
4. LCD screen
5. Volume adjusting button for microphone B

Follow these steps to set up the receiver:

1. Connect the 6.35 audio cable to the receiver's MIX port and other audio devices.
2. Erect the antenna and connect the power cable.
3. Check if the microphone is successfully connected to the receiver after turning on the device.

FAQ

- **Q: Can I use rechargeable batteries with this microphone?**

A: Yes, you can use rechargeable AA batteries with the microphone. Ensure they are fully charged before use.

- **Q: How far is the effective range of this wireless microphone?**

A: The effective range of the wireless microphone is approximately 50 meters in an open environment without interference.

ABOUT THIS MANUAL

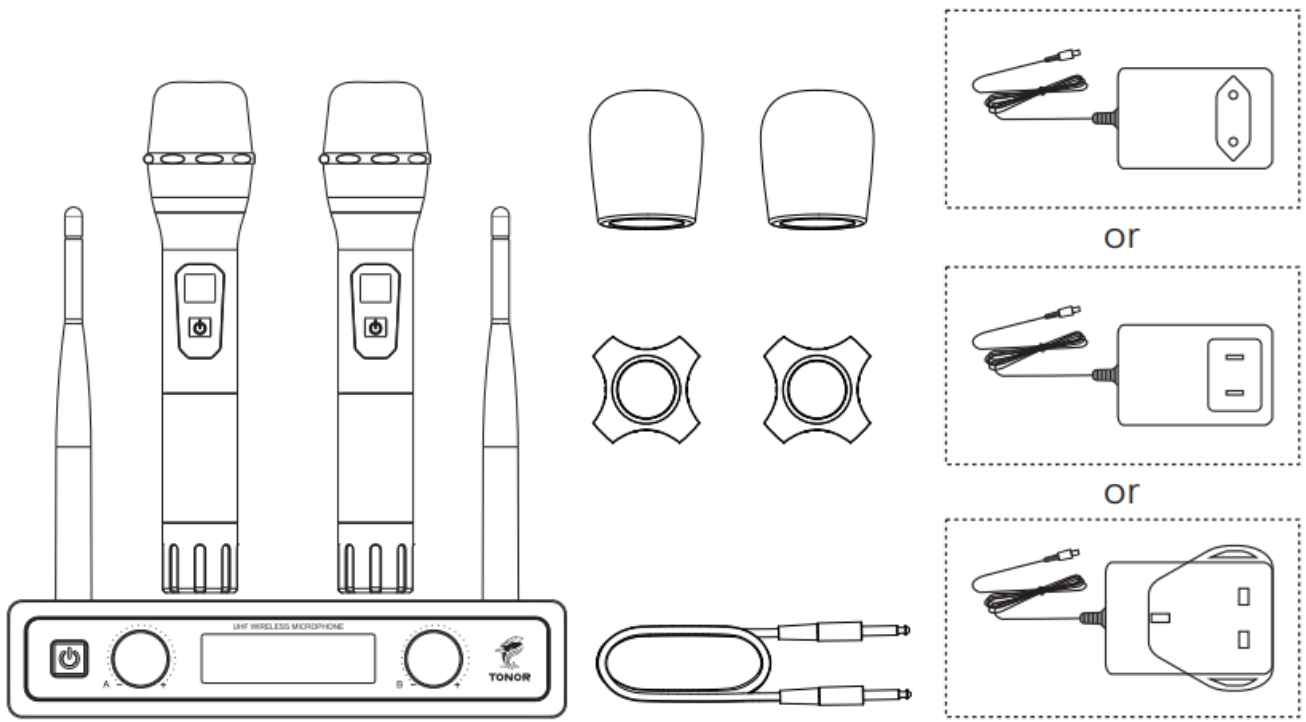
Thank you for purchasing TONOR wireless microphone. This manual is intended to help you understand all about this microphone and how to use it. TONOR always strives for the ultimate user experience. All our knowledge and passion for audio technology are incorporated into building microphones with high performance for you. The TONOR microphone is high quality and easy to use to achieve the best user experience.

Enjoy your microphone!

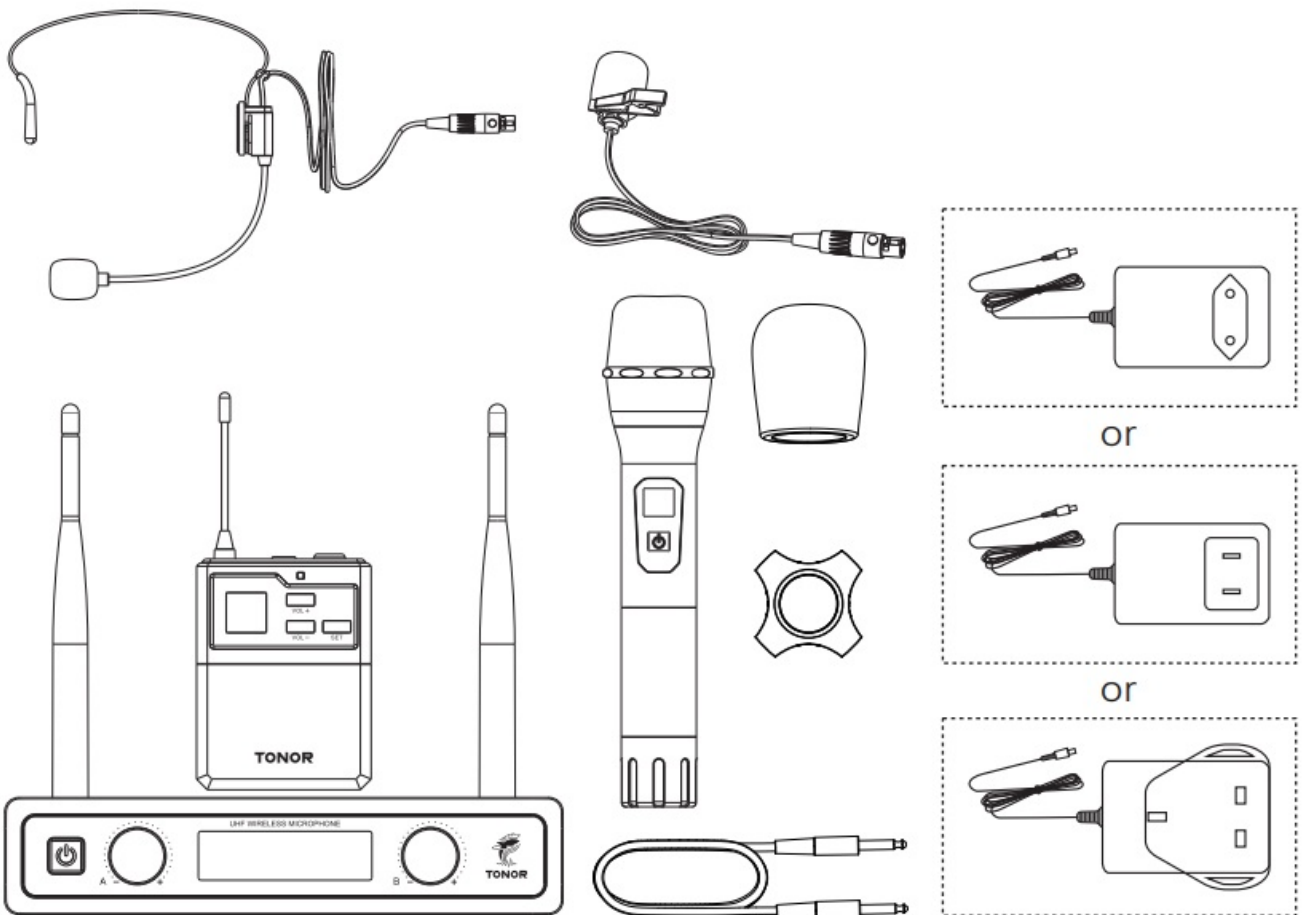
TONOR Team

Package Including

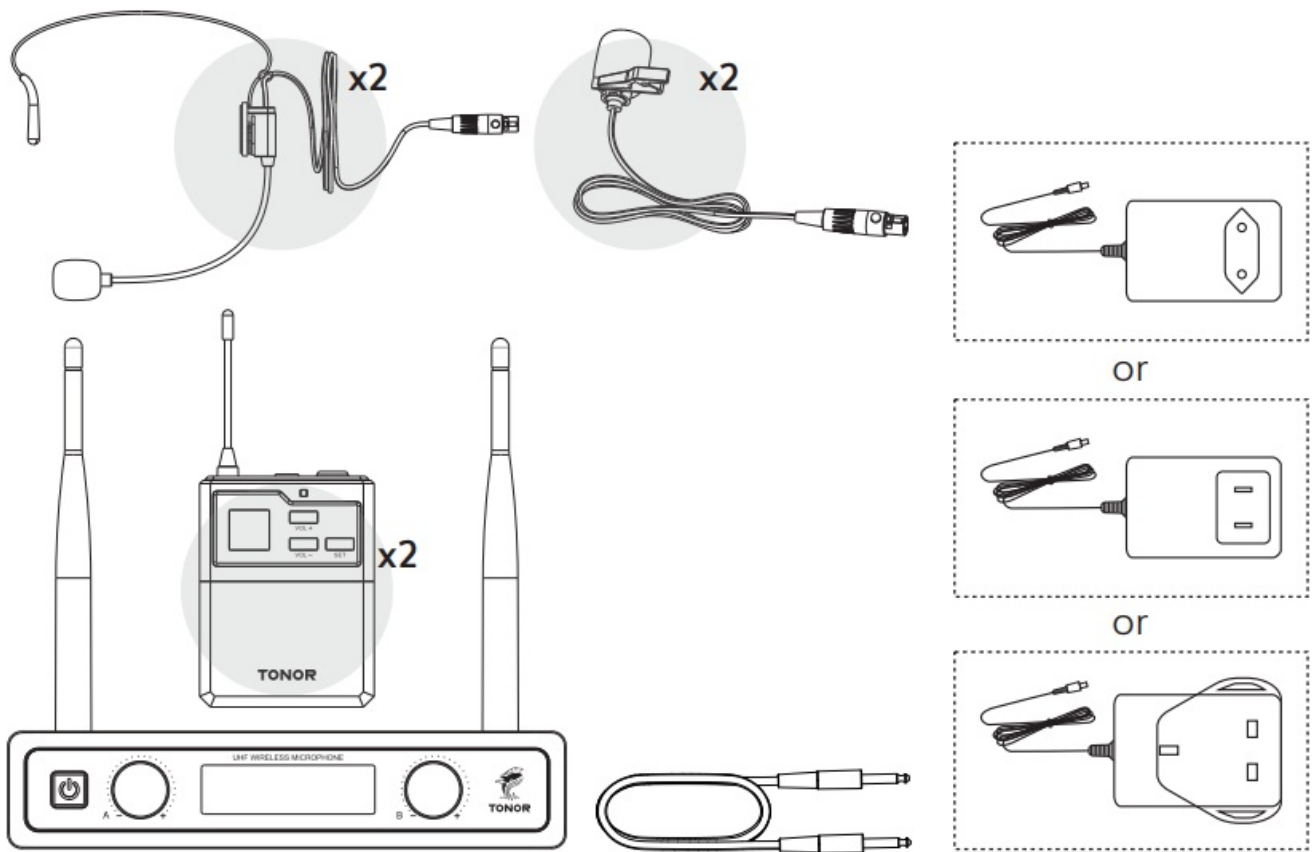
TW820



TW821



TW822



OPERATING ENVIRONMENTS & NOTES

•



When using this device, keep it away from water.

•



Use the device in ventilated environment, keep it away from fire.

•



Since it's a wireless device, please keep it away from other interfering sources.

•



Don't take apart the device.

•



Please use the standard power supply, high voltage may damage the device.

•



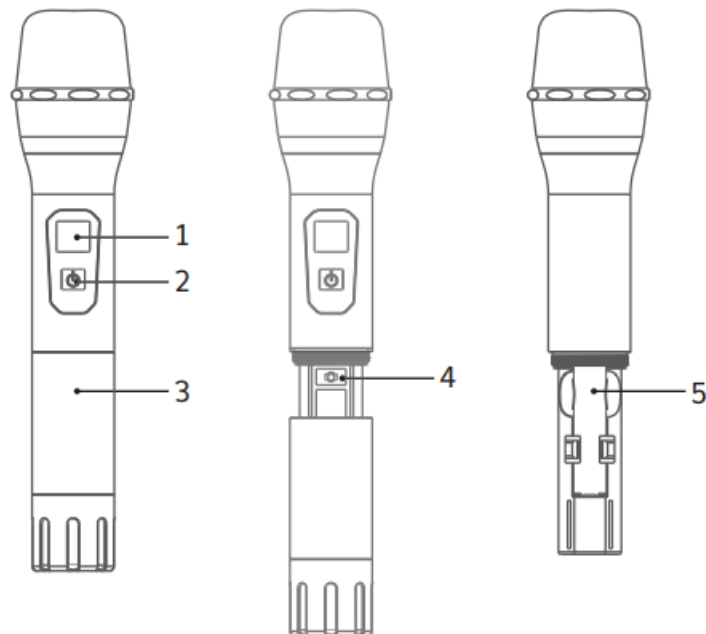
Please place the used batteries into the recycle bin, don't litter them.

SPECIFICATIONS

- **Frequency Response:** 40hz-18khz
- **Maximum Radio-frequency Power Transmitted:** 8.5 dBm
- **Operating Frequency (US):** A MIC: 902.8-914MHz, B MIC: 915.6-926.8MHz
- **Operating Frequency (UK/EU):** A MIC: 823-826.2MHz
- **B MIC:** 827.8-831MHz
- **Operating Range:** Up to 60m
- **Frequency Stability:** ± 0.0005 MHz
- **SNR:** 96dB
- **Sound Distortion:** $\leq 0.5\%$
- **Mic Input Sensitivity:** -51dBV
- **RF Sensitivity:** -95dBm
- **Operating Temperature:** 0°C to +55°C

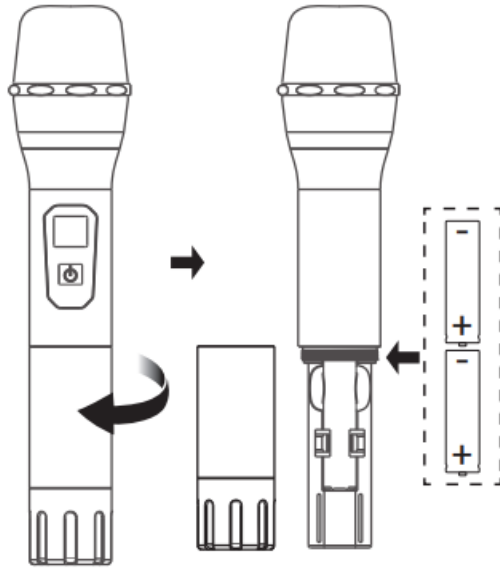
MICROPHONE OPERATION INSTRUCTION

As shown in above pictures:



1. Display Screen
2. On/Off Switch
3. Tail Tube
4. HI-LO Button
5. Battery Compartment

Install 2*AA batteries before using the wireless microphone and installing instruction is as follows:

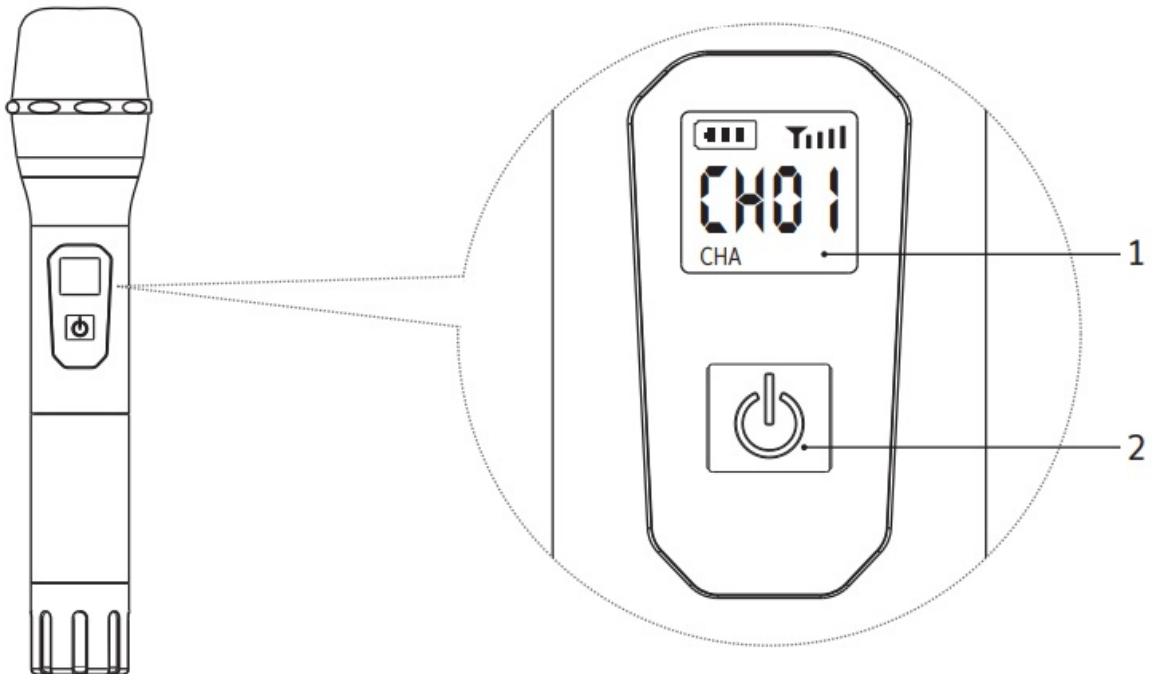


1. Take down the tail tube of mic.
2. Install the batteries and tighten tail tube of mic.

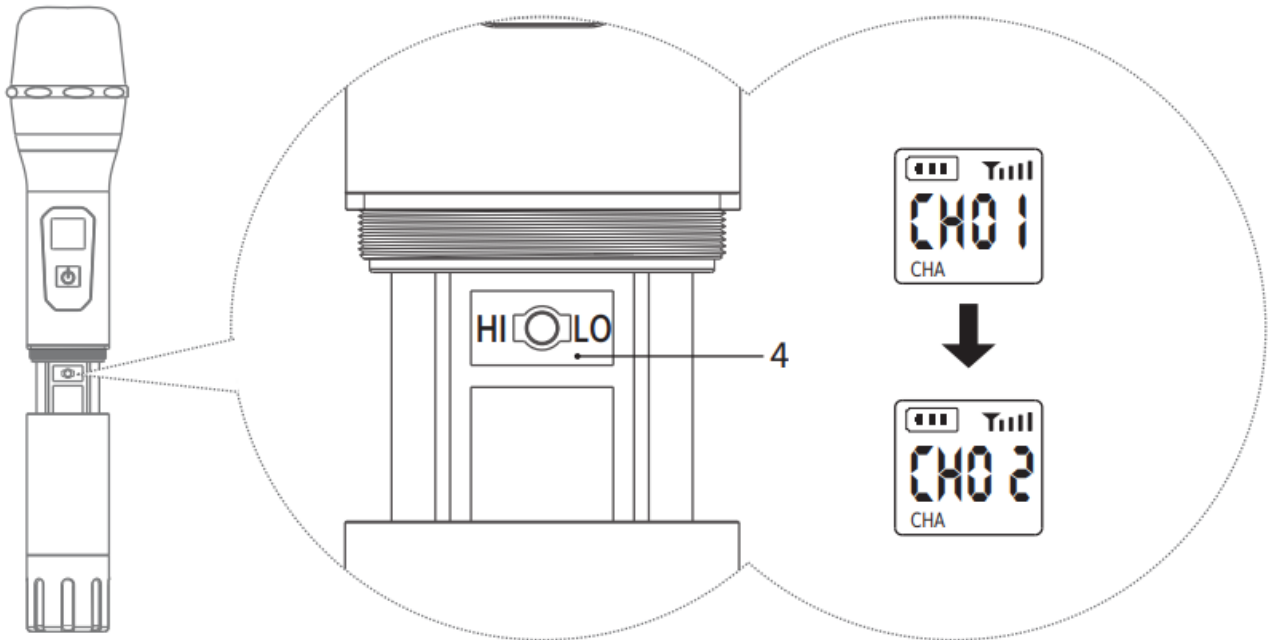
Note: The positive and negative polarity of battery cannot be reversed.

Instruction:

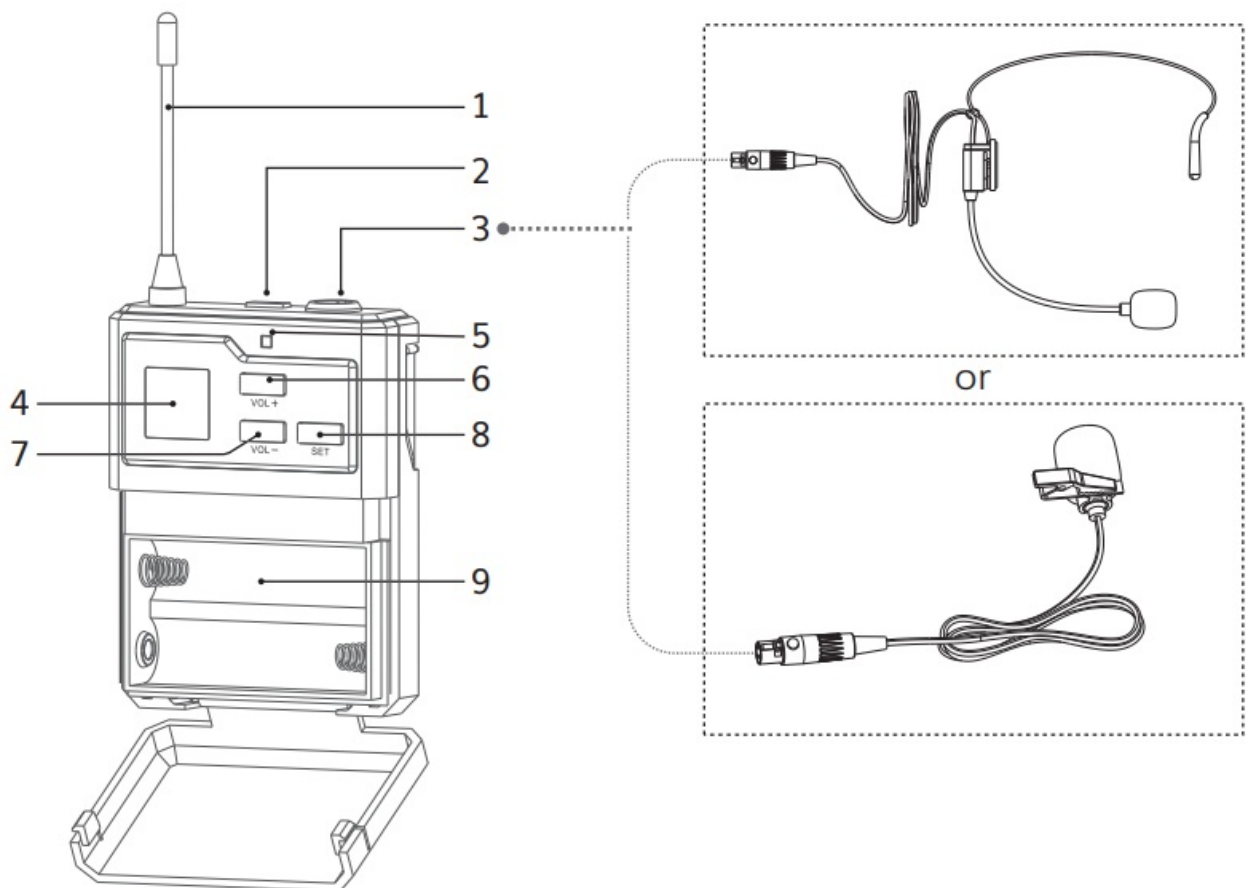
1. Press button 2 for 2s to turn it on/off.



2. Press the HI-LO button 4, then the frequency on the screen will be changed.



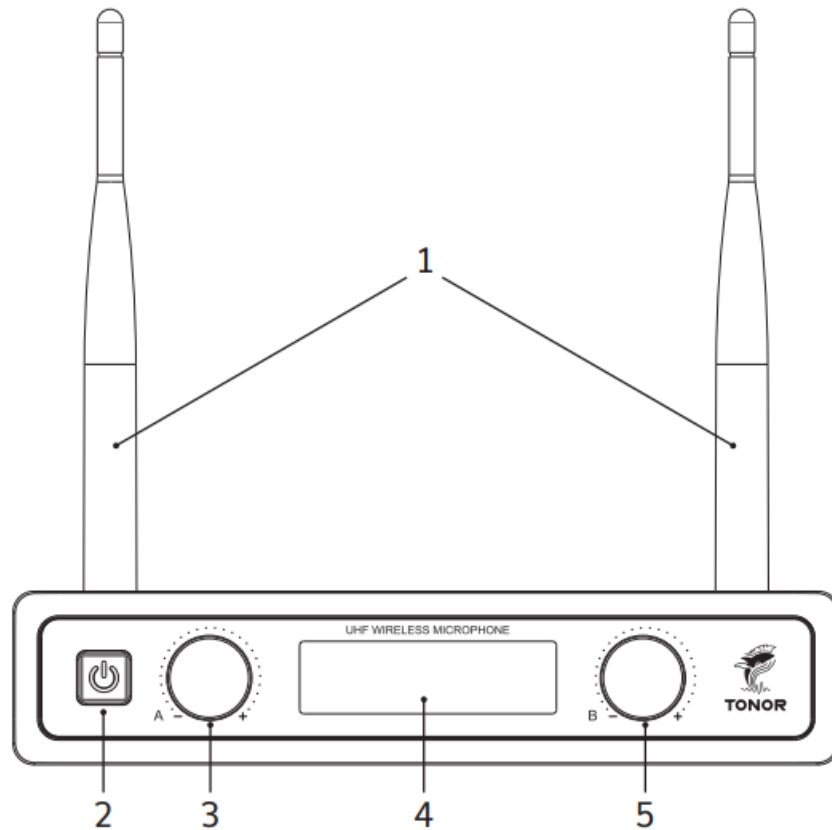
BODYPACK OPERATION INSTRUCTION



1. Antenna
2. Power Button: Click to turn on the mic. Click to mute when it is on, and click again to exit mute. Long press for 2 seconds to turn off.
3. XLR Jack
4. LCD Display
5. LED Light: Green for power on. Red for Mute.

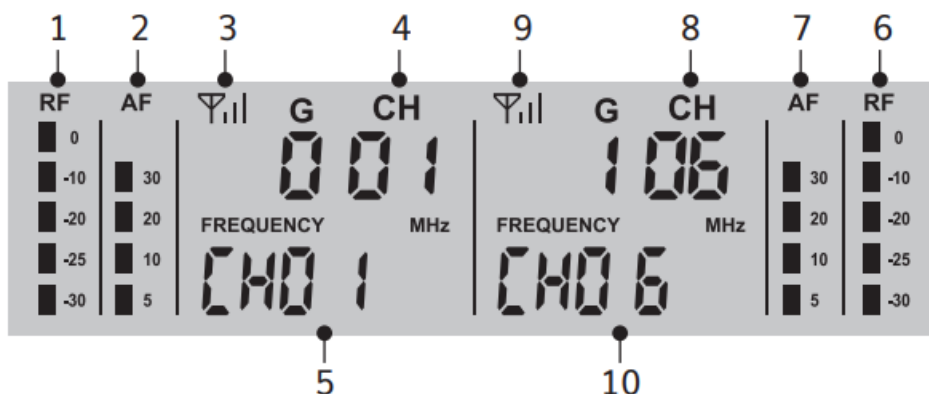
6. VOL+: Click to increase the volume by one level. Long press to increase the volume automatically, up to 40 levels.
7. VOL-: Click to decrease the volume by one level. Long press to decrease the volume automatically, down to 0 level.
8. SET Button: Short press to change the frequency.
9. Battery Compartment

RECEIVER INSTRUCTION



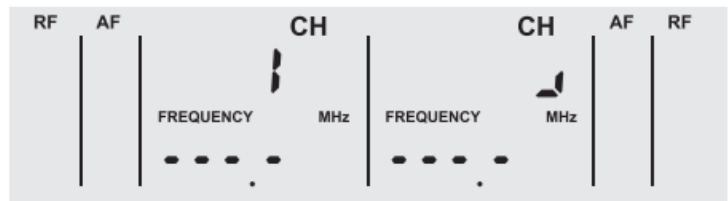
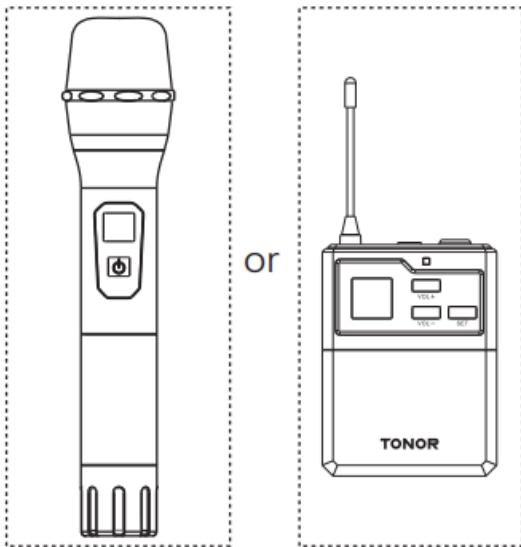
1. Receiving antenna
2. Power switch (long press for 2s to tum it on/off)
3. Volume adjusting button for microphone A
4. LCD display screen
5. Volume adjusting button for microphone B

As shown in above pictures:

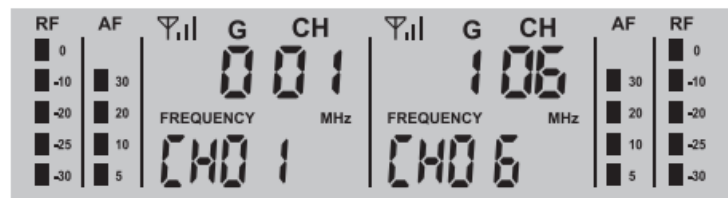
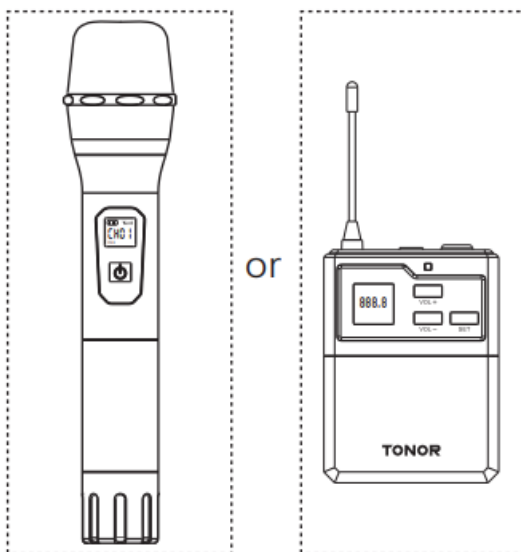


1. Signal levels of mic A
2. Volume levels of mic A
3. Signal receiving of mic A
4. Current channel of mic A
5. Current frequency of mic A
6. Signal levels of mic B
7. Volume levels of mic B
8. Current channel of mic B
9. Signal receiving of mic B
10. Current frequency of mic B

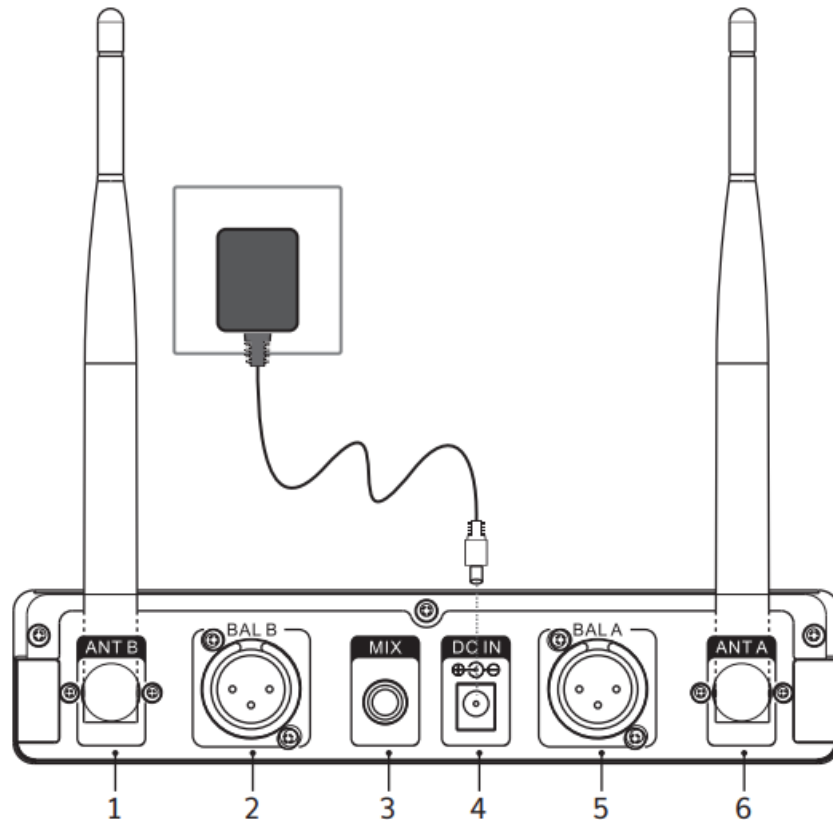
When the receiver is connected to power supply successfully, but the batteries of microphone are not installed, LCD screen will display as following pictures:



When the receiver is connected to power supply successfully, and the batteries of microphone are also installed, LCD screen will display as following pictures:



As shown in above pictures:



1. ANT B
2. BAL B
3. MIX
4. DC IN
5. BAL A
6. ANT A

Before using the device, take out the wireless receiver from the package, and connect the following cables: firstly use the 6.35 audio cable to connect the receivers MIX's port and other audio devices (speaker, amplifier, mixer, etc.). Secondly, erect the antenna, and connect the power cable. Thirdly, check if microphone is connected to the receiver successfully after turning on the device.

TROUBLESHOOTING

- No sound (The batteries of microphone have already been installed, but one of the microphone has on sound.)
 - Please turn off the handheld microphone or bodypack microphone which can work normally, and you will find that the RF light on the receiver will disappear. Then follow the steps below to pair the no sound one with the receiver.
1. Make sure that the receiver and HANDHELD microphone are turned OFF. Or Make sure that the receiver is OFF and the BODYPACK microphone is on.
 2. Open the battery case of handheld mic or bodypack mic and install the batteries.
 3. Make sure that the handheld microphone is OFF, press and hold the HI/LO button and the power button simultaneously, do not release them, until the handheld microphone screen flashes quickly, then release two buttons simultaneously. Or make sure the bodypack mic is on, long press the SET button until the bodypack

screen flashes quickly, then release the SET button.

4. Turn on the receiver's power button, wait for 5 seconds or so, then press the HI/LO button on the handheld microphone or SET button on the bodypack once, until the handheld microphone screen or bodypack screen becomes steady and no longer flashes, the RF light on the receiver turns steady, indicating that the pairing is successful.
 5. Turn off the handheld microphone, then tighten the microphone tail tube. Pairing is now completed.
- Received signal with noise or interference
 - Change to other channels;
 - Check if receiving distance exceeds the maximum range.
 - Microphone cannot be turned on
 - Check if batteries are installed reversely;
 - Change to new batteries.

EU Declaration of conformity

RoHS Directive (2011/65/EU)

Hereby, Fujian EastWest Lifewit Technology Co.,LTD declares that the radio equipment type TW820/TW821/TW822 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.tonormic.com/pages/eu-declaration-of-conformity>.

Conditions and restrictions for using frequencies

There may be special conditions and restrictions for using frequencies in your country.

Before putting the product into operation, find the information for your country at the following address:

<https://www.tonormic.com/pages/permitted-frequency-bands>

WARRANTY

TONOR provides 2 years of after-sales service, free replacement to products that are NOT damaged resulting from accident, alteration, misuse, negligence, or abuse. If exceeding 30 days of Amazon return policy, you can still contact us through our Shopify TONORMIC. We will serve you with full sincerity!

FCC Statement

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Frequency Range (US)

A MIC	902.8-914MHz (902.8MHz, 903.6MHz, 904.4MHz, 905.2MHz, 906.0MHz, 906.8MHz, 907.6MHz, 908.4MHz, 909.2MHz, 910.0MHz, 910.8MHz, 911.6MHz, 912.4MHz, 913.2MHz, 914MHz)
B MIC	915.6-926.8MHz (915.6MHz, 916.4MHz, 917.2MHz, 918.0MHz, 918.8MHz, 919.6MHz, 920.4MHz, 921.2MHz, 922.0MHz, 922.8MHz, 923.6MHz, 924.4MHz, 925.2MHz, 926.0MHz, 926.8MHz)
Frequency Range (UK/EU)	
A MIC	823-826.2MHz (823MHz, 823.8MHz, 824.6MHz, 825.4MHz, 826.2MHz)
B MIC	827.8-831MHz (827.8MHz, 828.6MHz, 829.4MHz, 830.2MHz, 831MHz)

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Documents / Resources

 TONOR Instruction Manual TW820 TW822 UHF Wireless Microphones System FC CE RoHS	TONOR TW820 UHF Wireless Microphones System [pdf] Instruction Manual TW820 UHF Wireless Microphones System, TW820, UHF Wireless Microphones System, Wireless Microphones System, Microphones System, System
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References

- [!\[\]\(772eaad309179eadc0d453409c5b8a86_img.jpg\) **Professional USB Microphone and Wireless Microphone – TONOR**](#)
- [!\[\]\(0c92eae87afd8e406cb2f9e6a9ad3ac2_img.jpg\) **EU Declaration of Conformity – TONOR**](#)
- [!\[\]\(3bc2ea6fe8b34a8403f47efb7eadba72_img.jpg\) **Permitted Frequency Bands – TONOR**](#)
- [**User Manual**](#)

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