Quick Support

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Alvoxcon

USB ワイヤレスマイクシステム

UM-310
UM-320

V2.0

Quick Support

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取扱説明書

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English

Introduction

This UM series is a (Digital) UHF Wireless Microphone System. It produces outstanding sound quality with sufficient wireless transmission distance. Automatic frequency pairing makes it easy to setup and operate. Best choice for YouTube video recording, Podcasting, conference speech, online chatting, vocal recording, etc., anywhere wireless audio transmission with easy setup is required.

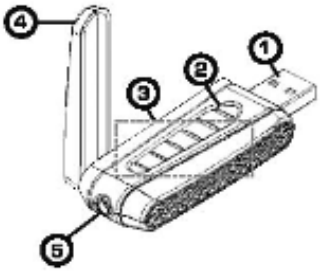
Features

1. Outstanding Sound Performance
2. Stable Wireless Transmission
3. Extensive Compatibility
4. Easy Setup & Operate
5. Multi Selectable Frequencies
6. Exclusive Design

Component Illustration

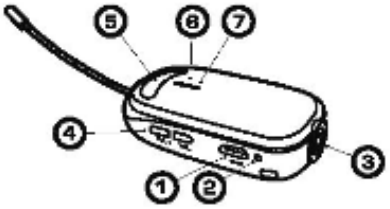
USB Receiver

①.Signal out & Power supply
②.Power indicator
③.Indicators of microphone RF signal
④.Antenna (adjust vertically to strengthen wireless reception)
⑤.3.5mm PHONE/ LINE OUT (optional for headphone monitoring)

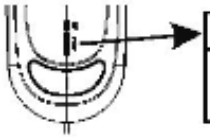


Mini Transmitter

①.CHG- connect micro USB charging cable here to recharge the internal battery.
②.CHG LED- Red for charging, Blue for fully charged.
③.3.5mm Mic Input Jack
④.Volume Control - Totally 5 levels adjustable
⑤.Power Button- Hold for 1s to turn on/off
⑥.Power LED with Low battery indication
⑦.AF LED- Indicates audio being too loud.



Power LED Status Indication



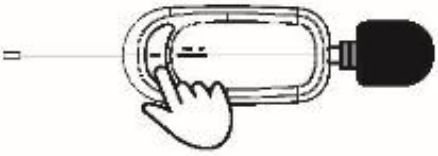
BLUE	SOLID RED	FLASHING RED	SHORT RED
Sufficient Battery	Low Battery	Extremely Low Battery	Volume Level at Max or Min

Operation Instructions for PC / laptop

①

Make sure the transmitter has sufficient battery. Choose the desired external microphone included (mini mic or lavalier mic) and plug it to the input jack on the Bodypack Transmitter.

②



Press the Power button to turn on the Bodypack Transmitter .

③

Plug the USB receiver to the USB port of PC/Laptop. 4 green LEDs will be lighted showing microphone paired successfully (optionally the USB receiver allows real time monitoring by plugging a headphone to the 3.5mm jack at the bottom)

Usually your Windows / Mac OS would automatically recognize and set it as default audio input Device.However you can also do it manually following instruction shown on our website www.alvoxcon.com/support if your computer fail to set it automatically.

④

Run software such as Recorder or Facebook live then start the microphone recording project now.

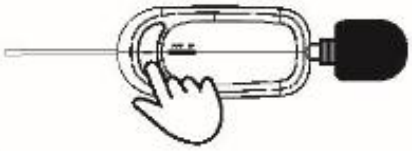
English

Operation Instructions for Android Phone

①

Make sure the transmitter has sufficient battery. Choose the desired external microphone included (mini mic or lavalier mic) and plug it to the input jack on the Bodypack Transmitter.

②

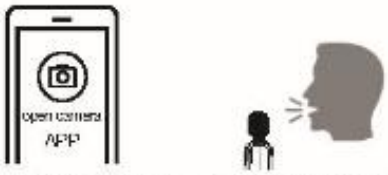


Press the Power button to turn on the Bodypack Transmitter , the POWER indicator lighted blue indicates nomal battery level while red indicates low battery level.

③

Plug the USB receiver to the Android phone via the included Type-C adapter. The receiver will automatically pair with the microphone. 4 green LEDs will be lighted showing microphone paired successfully (optionally the USB receiver allows real time monitoring by plugging a headphone to the 3.5mm jack at the bottom)

④



Run APPs such as Recorder or Camera then start the microphone recording project now.

NOTE: Original Camera APP of old Android version (lower than 10.0) may not activate external microphone, so like ' Open Camera ' APP is recommended for video recording, which allows to set external microphone as audio source . APP download URL https://opencamera.sourceforge.io/

⑤

After recording, DO NOT forget to unplug the microphone when you play back the recorded media.

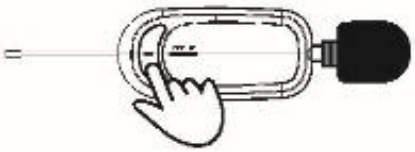
Operation Instructions for iPhone

⚠【Only Available for Model UM-310

①

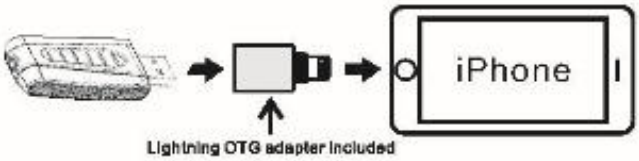
Make sure the transmitter has sufficient battery. Choose the desired external microphone included (mini mic or lavalier mic) and plug it to the input jack on the Bodypack Transmitter.

②



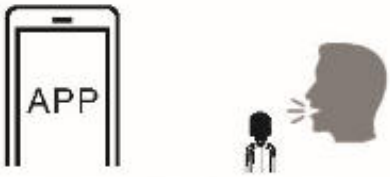
Press the Power button to turn on the Bodypack Transmitter , the POWER indicator lighted blue indicates nomal battery level while red indicates low battery level.

③



Plug the USB receiver to the iPhone via the included silver OTG Lightning adapter The receiver will automatically pair with the microphone. 4 green LEDs will be lighted showing microphone paired successfully (optionally the USB receiver allows real time monitoring by plugging a headphone to the 3.5mm jack at the bottom)

④



Until 3 seconds after plugging well, you can start to run APPs such as Zoom or Camera then start the microphone recording project now.

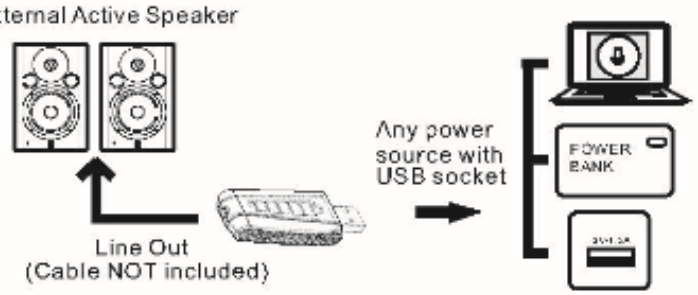
NOTE: Don't worry about the high temperature on the OTG adapter, which is normal phenomenon of Fast Heat Dissipation Design.

⑤

After recording, DO NOT forget to unplug the microphone when you play back the recorded media.

Operation nstructions for Live Project with Speaker

① External Active Speaker



Power the USB receiver by plugging it to any power source such as computer , power bank or wall plug with USB socket. The receiver will automatically pair with the microphone. 4 green LEDs will be lighted showing microphone paired successfully

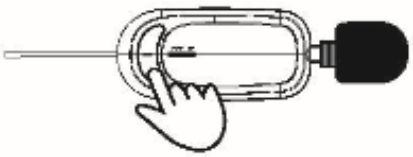
②

Connect the external speaker to the USB receiver via a TRS 3.5mm plug cable (non-included), make sure the speaker is powered on and volume being turned down.

③

Make sure the transmitter has sufficient battery. Choose the desired external microphone included (mini mic or lavalier mic) and plug it to the input jack on the Bodypack Transmitter.

④



Press the Power button to turn on the Bodypack Transmitter , the POWER indicator lighted blue indicates nomal battery level while red indicates low battery level.

⑤

Now you can test the microphone. and adjust volume on the bodypack transmitter or external speaker properly to avoid uncomfortableness.

Handling Precautions

1. **This product adopts advanced UHF wireless transmission technology, delivering stable performance and anti-interference. However we cannot ensure 40M(130ft) working distance with interference-free in any condition Please use it in the open air and far away from any other wireless devices (Including Alvoxcon wireless system)**

2. **Each Alvoxcon wireless bodypack transmitter is preset with multi selectable frequencies. In case of interference(signal drop out), Please change frequency to avoid interference according to following instructions .**

   【a】 Turn on the bodypack transmitter,

   【b】 Press shortly both the up & down volume control buttons on the bodypack transmitter at the same time then the Power indicator flash for one time.

   【c】 You can repeat operation 【b】 until you find the new frequency is clean and no interference.The receiver will automatically pair with transmitter. (RF indicator lighted in green)

3. DO NOT run any other wireless microphone system (of any brand) while this Alvoxcon microphone system is working in case of interference. Even if other wireless microphone system is set with different frequency from that of the working Alvoxcon wireless system.

4. iPhone OTG adapter is exclusively included for the model UM310-PRO. Don't worry about the high temperature on the OTG adapter, which is normal phenomenon of Fast Heat Dissipation Design.

5. Battery of your iPhone may run out very fast when working with this microphone system, please remember to charge your phone in time.

6. If the microphone is covered by hand or approaches the speaker, a howling sound may be generated. This phenomenon of howling is caused by the microphone picking up the sound from the speaker. To prevent this first decrease the volume. Do not place or point the microphone directly to the speaker, keep a suitable distance to alleviate howling.

7. DO NOT store this microphone system in a place with high temperature or humidity.

Trouble shooting

Issue	Solution
1). 4 RF indicator on receiver cannot be lighted in green continuously	Check if the bodypack transmitter has sufficient battery, and external microphone has been plugged in the transmitter . Volume button being set properly
2). Sound is not clear or with noise or drop out	Adjust the antenna of USB receiver vertically to get better signal
3). Insufficient wireless distance, even less than 15ft (5m)	Might be caused by interference from other wireless devices nearby. please change for another frequency. (refer to. Page 7)
4). Bodypack transmitter can not be powered on (or POW lighted red)	Check if the bodypack transmitter has sufficient battery
5). No sound while 4 green led on receiver stay continuously **(WORKING WITH PC)**	1). Check if the USB microphone is recognized as audio input source by your Windows / Mac OS . And ajust the volume properly. 2). Make sure the USB receiver is plugged into the USB 2.0/3.0 port rather than Type-C port of Macbook.
6). No sound while 4 green led on receiver stay continuously **(WORKING WITH ANDROID PHONE)**	1). Original Camera APP of old Android version (lower than 10.0) may not activate external microphone, so like 'Open Camera' APP is recommended for video recording, which allows to set external microphone as audio source (refer to www.alvoxcon.com/support) 2) Do NOT forget to unplug the microphone when you play back the recorded media. 3) Check if your phone requires to activate OTG function in the setting menu .
7). No sound while 4 green led on receiver stay continuously **(WORKING WITH SPEAKER LIVE)**	Make sure the external speaker being connected well and volume being set properly
8). Purchased 2 sets of alvoxcon microphone, but cannot be used simultaneously	2 sets can not run at the same time unless being 100ft away from each other
9). Screaming or howling sound	Turn down the volume from the bodypack transmitter. Do not place or point the microphone directly to the speaker. Don't cover the microphone by hand or approaches the speaker
10). Other issues	Please email at: support@alvoxcon.com We will be happy to assist you!

Specification

Bodypack Transmitter

Radio Frequency Range.....UHF BAND (DQPSK Processing Technology)

Selectable Radio Frequencies..... 5~20 Varies by Region (EUR:5; JAP:5; US:20)

Audio Frequency Response..... 75Hz-18kHz ± 3dB

Sensitivity.....-69dB ± 3dB (0dB=1mV/Pa at 1KHz)

Max. Deviation Range..... ± 50 kHz

THD..... <1.0%

S/N Ratio..... >85dB

Working Range..... Max.40M (130 ft.)

Power Supply.....3.7v Built-in lithium battery

Continuous Working Time..... Approx. 5 hours

USB Receiver

Audio Interface..... USB/ 3.5mmAux

Power Supply..... USB (5V 180mA)

Dimensions..... 73 x 30 x 12 mm

Technical Assistance

We offer one year limited warranty from date of purchase. If any problem occurs during operation, please power off main device and Alvoxcon wireless microphone, then power off the receiver and unplug. Don't dissemble the microphone system without permission. Turn to local distributor or email us for assistance.Support@alvoxcon.com

Package Content

UM-310

1x UHF Wireless Transmitter
1x USB Receiver
1x Lavalier Microphone
1x Mini Microphone
1x Type C to USB Adapter
1x Lanyard
1x User Manual
1x iPhone lightning to USB Adapter (only available for **UM-310** model)

UM-320

2x UHF Wireless Transmitter
1x USB Receiver
2x Lavalier Microphone
2x Mini Microphone
1x Type C to USB Adapter
2x Lanyard
1x User Manual
1x iPhone lightning to USB Adapter (only available for **UM-320** model)

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.