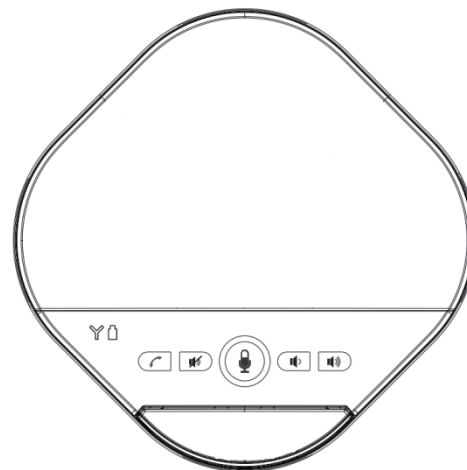


## USB Bluetooth Speaker & Speakerphone Manual



English V5.0

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## Product Description

### (1) Preface

Thanks for choosing this speakerphone. Please read the manual carefully before using it. This manual introduces the functions, installation and use of this device in full details.

TEVO-A3000 series is a full duplex 16kHz echo cancellation speakerphone. The best pick up radio is 5m, which is ideal for one-to-one and small to medium group conference calls via Bluetooth and USB connection, to replace the PC's and Smart phone's speaker and microphone with outstanding audio quality. It has USB interface that can be connected to PC or other video conference terminals, and can be connected to mobile phone, tablet and other smart device by Bluetooth/2.4 G/I.O. (Different devices, different connections).

### (2) Attention

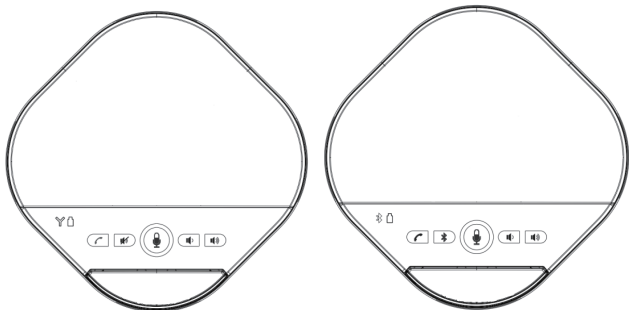
- a. Before operation, please fully read and follow all instructions in the manual.
- b. Operational environment: 0 ~ 40 degrees, Working humidity: 20 ~ 85% (no frost)
- c. Please keep the device away from motors, transformers and other electronic devices to avoid noise.
- d. Please keep the equipment away from water and other liquids to avoid electric shock.
- e. This device should be placed in a horizontal position, not wall-mounted or ceiling mounted.
- f. This product use overall packaging in transportation, please protect products from damage of heavy weight, strenuous vibration, immersion etc.
- g. Please use the USB cable attached with this device to prevent personal electric shock and fire damage.
- h. Use a dry soft cloth to clean the device. Never use strong or abrasive cleaner agents on the device to avoid damage on the shell of the device.
- i. There are no user serviceable parts inside, please turn to our professional maintenance person rather than dismantle the speakerphone and protect cover by yourself.

Note: The audio quality may be affected by the specific frequencies of electromagnetic field.

### (3) Main features

1. Ensure everyone experiences clear sound with 4 built-in Omni directional microphones within 5m 360 degrees pick up radius. Support 2 expansion mics which pick up range of 8m 360 degrees pick up radius (optional).
2. Seamless Connectivity, simple plug and play set up via USB or Bluetooth to get your meetings started quickly.
3. Comes with a 3.5mm headset port that allows the user to switch from a conference call to a private conversation.
4. Full duplex echo cancellation and noise reduction, Ultra Wideband HD Voice Call Technology provides Crystal clear sound without any echoes or distortions.
5. Intuitive red, green and blue LED indicators give you visual guidance
6. Volume of the speaker can be 85dB, can connect to speaker if you need a louder voice volume.
7. Compatible with all leading UC platform such as video conference software like ZOOM, Vidyo, WebEx, Skype for business, Google hangout, etc.

### Produce type



USB/2.4G TEVO-A3000(G) Bluetooth Type TEVO-A3000B

(Please charge before using the Wireless/Bluetooth devices.

Please charge with standard USB cable and power adaptor )

## Supplied Accessories

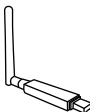
When you open the box, please check all the accessories are in it or not.



5M USB cable



Power adaptor



2.4G Wireless Receiver



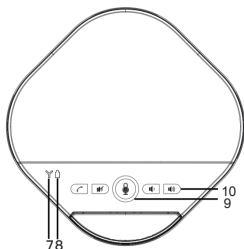
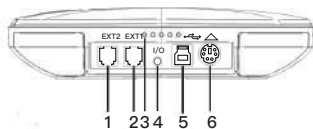
3.5mm audio cable

TEVO-A3000 5M USB cable + 3.5mm audio cable

TEVO-A3000B 5M USB cable + Power adaptor + 3.5mm audio cable










TEVO-A3000E 5M USB cable + Power adaptor + 2.4G Wireless Receiver  
+ 3.5mm audio cable

## Interface introduction



- |                                 |                     |                             |                |
|---------------------------------|---------------------|-----------------------------|----------------|
| 1. Ext2                         | 2. Ext1             | 3. Working status indicator | 4. Line in/out |
| 5. USB interface (rechargeable) | 6. Din6             | 7. 2.4G indicator           |                |
| 8. Battery indicator            | 9. Volume indicator | 10. Volume up/down          |                |

## Button

OFF  ON	Power on/off	Long press 3 seconds to turn on/off the device
	Volume up/down	Increase/Reduce the volume
	Speaker mute	Turn on/off speaker mute function
	Bluetooth	Bluetooth pairing(TEVO-A3000B)
	Answer/hook up	Answer/Hook up when calling
	Microphone mute	Turn on/off microphone mute function
	PC mode	Long press 5 seconds to enter PC mode, exit mobile mode, working indicator flash 3 times.
	Mobile mode	Long press 5 seconds to enter mobile mode, exit PC mode, working indicator flash 2 times.
	Echo cancellation	Long press 5 seconds to enter/exit echo cancellation mode

## Led indicator function

The device works normally	Blue indicator on	
Volume indicator	Green indicator flashes	Speaker mute
	Red indicator on	Microphone mute
	Green and red indicator alternating flash	Both speaker and microphone mute
Y type/battery indicator (Only for A3000B/A3000 G)	Y type	2.4G and Bluetooth connect green indicator on
	Battery indicator	1.Red indicator flashes if the remaining battery power is less than 15% 2.Green indicator flashes while charging. 3.Green light on means full of electricity

## Charging instructions

### Charging instructions

Please charge before using the Wireless/Bluetooth devices.

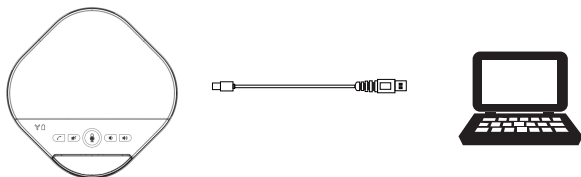
This device comes with built-in rechargeable battery, Please charge with standard USB cable and power adaptor, or charge by connecting the device to PC.

Note: Please charge the device before using it for the first time. It takes 2-3 hours for the device to be fully charged.

## Connection introductions

This device can be connected by USB cable as a speaker and a microphone.

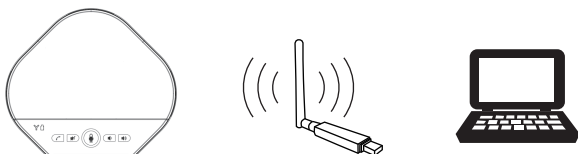
1. Fit for Windows, IOS, Android etc with a USB port.
2. PC or other devices will automatically recognize and install the device. It will take 1 minute to show successfully installed. (Only for the first time to use).
3. Blue indicator will be on while working.
4. Open the platform you chose, you can start an audio call now.



USB connecting cable

## 2.4G Wireless connection

1. Plug the 2.4G Wireless Receiver to PC or other devices.
2. Turn on the button of the device.
3. PC or other devices will automatically recognize and install the device. It will take 1 minute to show successfully installed. (Only for the first time to use) Blue indicator will be on while working.
4. Open the platform you chose, and set the audio input and output to TEVO-A3000G, you can start an audio call now.

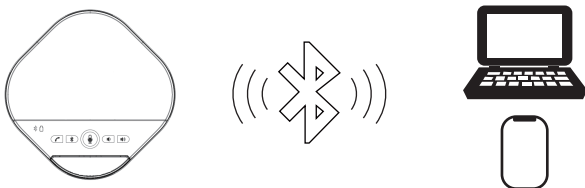


**2.4G wireless connection**

## Bluetooth connection

This device can be connected by Bluetooth as a speaker and a microphone for the smartphone and tablet.

1. Turn on the device, press bluetooth pairing, green indicator Y flashes means you can match.
2. Turn on the bluetooth on your smartphone, tablet or other smart devices, choose “TEVO-A3000B” to match. Y indicator will be on when matched successfully.
3. Open the platform you chose, you can start an audio call now.



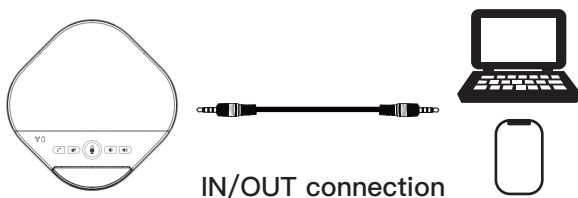
**Bluetooth wireless connection**



## IN/OUT connection

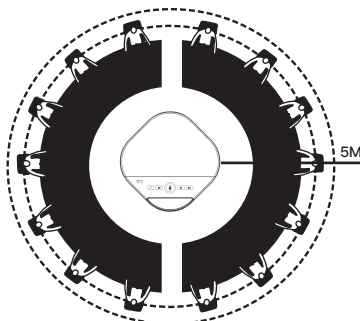
- (1) When the connection port of the terminal device is a four-core audio interface, the "I/O" port of the terminal device can be connected with the terminal device through a 3.5 mm four-core audio line.
- (2) When the connection port of the terminal device is two three-core audio interfaces (microphone and speaker interfaces), an audio c-onverter is needed. Two 3.5mm 3-core audio wires are used to c-onnect the interface of the terminal equipment with the audio adapter, and then the four-core terminals of the audio adapter are connected to the "I/O" port of the ocal machine.

Note: When the terminal device is PC, please set it as PC mode. When the terminal device is the mobile phone, please set A3000B to "mobile mode" (refer to P4 button function instructions).

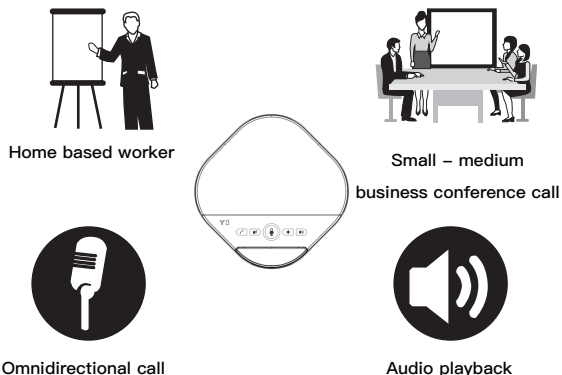


## Pick up range

5m radius pick up range, fit for small to medium meeting rooms



## Function Diagram



## Technical Spec

Voice technical parameters	Acoustic Echo cancellation (AEC): >65dB Echo length cancellation: $\geq 500$ ms Bidirectional noise compression (NC): <25dB Automatic Direction finding Technology of Intelligent microphone (EMI) Automatic gain control (AGC)
Audio parameters	Microphone frequency response: 100Hz–22KHz Speaker frequency response: 100Hz–22KHz Speaker volume: 95dB at the most Microphone sound-pickup diameter: 6 meters, 360 degrees full range
Interface	USB interface, RJ45 ext interfaces, I/O audio interface, DIP6 interface
Expansion Mics (optional)	2 optional external microphones make the sound-pickup range up to 8m(26ft)
Power supply	USB power supply(5V/500m)
Computer environment	Windows, Mac OS, Android

## 4. Maintenance service terms

### Maintenance Services

1. All products purchased from our company are guaranteed to keep in good repair for 12 months. If there are any quality problems during the guarantee period, we will maintain for free. If same problem occurs in 3 months after maintaining, we will maintain again for free.
2. Please offer the original or copy of the invoice, warranty card and detailed description of the failure of the device when sending the device back.
3. Under any of the following warranty, related maintenance costs will be collected:
  - a. Product was not normal used.
  - b. Fire, electric shock, outside object collapse or other natural disasters causes make the equipment damage.
  - c. Unauthorized repair, misuse, abuse and change.

## Tenveo Warranty Card

Thank you very much for choosing our products.

### User's info

Name \_\_\_\_\_ Tel \_\_\_\_\_

Email \_\_\_\_\_ Post code \_\_\_\_\_

Address \_\_\_\_\_

### Product's information

Product Name \_\_\_\_\_

Factory Serial Number \_\_\_\_\_

### Purchase Date

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

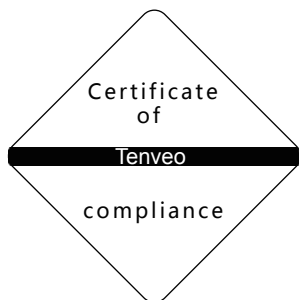
\_\_\_\_\_

\_\_\_\_\_

### Attention

- 1.This card is considered as the Protection to fix warranty, so please reserve them carefully. Please fill in truthfully.
2. Please indicate the model number, Factory Serial Number and the detailed description of the fault information.







Make any meeting better and easier