

USB Bluetooth Speaker & Speakerphone

User Manual



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Product Description

Attentions

This manual introduces the functions, installations and operations for conference speakerphone in details. Please read this manual carefully before installation and use.

1.How to Use

To prevent damage to this product or any product connected to it, this product can only be used within the specified range.

1.1 Do not expose the product to rain or moisture.

1.2 To prevent the risk of electric shock, do not open the case. Installation and maintenance should only be carried out by qualified technicians.

1.3 Do not use the product beyond the specified temperature, humidity or power supply specifications.

2.Electrical Safety

Installation and use of this product must strictly comply with local electrical safety standards.

3.Handle with Care

Avoid damage to the product caused by heavy pressure, strong vibration or immersion during transportation, storage and installation.

4.Install with Caution

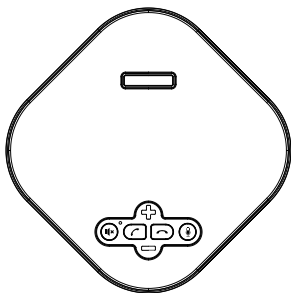
4.1 Housing of this product is made of organic materials. Do not expose it to any liquid, gas or solids which may corrode the shell.

4.2 Do not power on before completing installation.

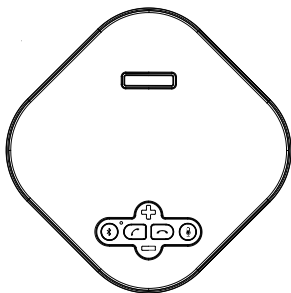
5.Do not Disassemble the Product without Permission

This product contains no parts which can be maintained by the users themselves. Any damage caused by dismantling the product by the user without permission is not covered by warranty.

Speakerphone

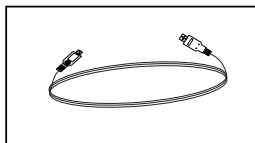


USB/TEVO-NA200(G)

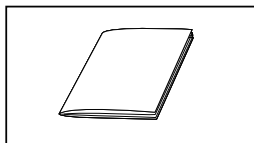


Bluetooth Type TEVO-NA200B

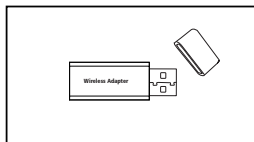
Parts list



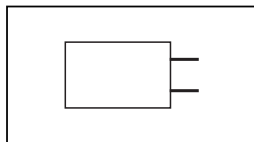
USB Cable



User manual

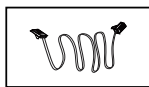


Power adapter
(TEVO-NA200G apply)

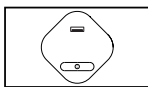


Wireless adapter
(TEVO-NA200B(G) apply)

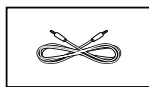
Optional Accessories



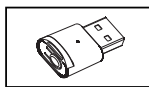
5m RJ45 Cable



Extension Unit



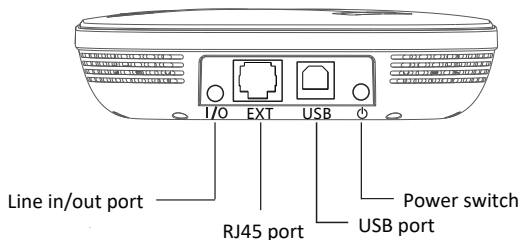
4-Strand
3.5MM Cable



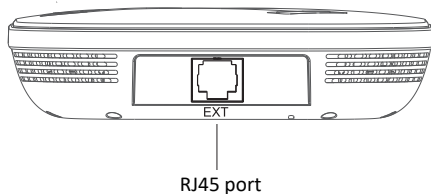
Bluetooth Adapter

If any items are missing or damaged, contact your place of purchase immediately.
Do not use damaged products!
Please visit our official website (www.tenveo.com) for assistance.

Speakerphone Interface Specification

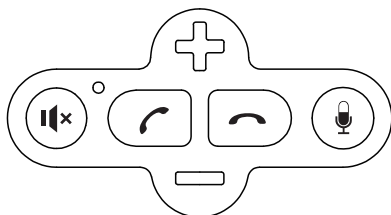


Extension Unit (Optional)



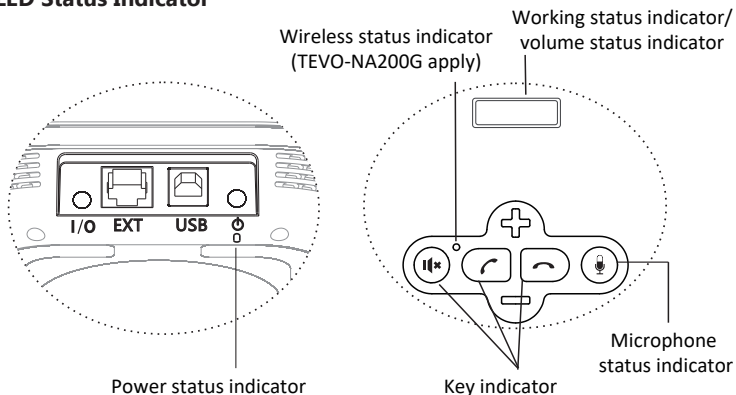
Speakerphone Introduction

TEVO-NA200(G)Keypad



— +	Volume button	Turn down/up the volume
	Speaker Mute	Turn on/off the speaker
	Answer/End calls	Answer/End calls
	Mute Microphone	Turn on/off the Microphone

LED Status Indicator

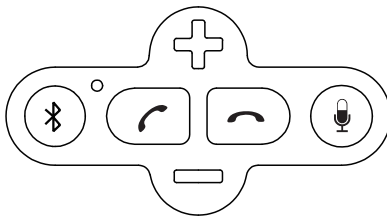


Microphone Status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally
Working status indicator/ Volume status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally/The brightness of status LED will increase or decrease with the speaker volume up or down.
	Green light flashing	Speaker mute
Power status indicator	Green light on	Speakerphone working normally
Wireless status indicator (TEVO-NA200G apply)	Green light flashing	Wireless pairing state
	Green light on	Wireless connected

Note:

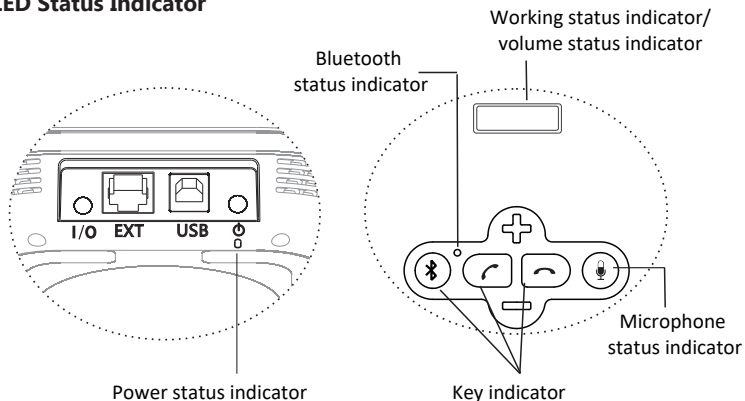
When adjust the volume, the working status indicator will turn to the volume status indicator. The the green light brightness of the volume status indicator will change with the speaker volume. When the speaker volume is greater, the green light brightness of the volume status indicator will be brighter. The lower the speaker volume , the brightness the green light of the volume status indicator will be darker (the same instruction applies to other models of NA200 series)

TEVO-NA200B Keypad



— +	Volume button	Turn down/up the volume
Bluetooth symbol	Bluetooth button	Turn on/off the Bluetooth
Phone handset icon	Answer/End calls	Answer/End calls
Microphone icon	Mute Microphone	Turn on/off the Microphone

LED Status Indicator



Bluetooth status indicator	Green light flashing	Bluetooth pairing state
	Green light on	Bluetooth connected
Microphone Status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally
Power status indicator	Red light on	Low battery, must be recharged
	Green light flashing	Charging
	Green light on	The battery is fully charged.

Working status indicator/ Volume status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally/The brightness of status LED will increase or decrease with the speaker volume up or down.
	Green light flashing	Speaker mute

How to Use Speakerphone

Connection Steps for USB

1. Using the equipped USB cable; Connect one end of the USB cable to the Speakerphone and the other end to the computer or other communication equipment ;
2. Turn on the power switch after confirming the correct connection; In addition, It will take a few seconds to install the driver automatically for the first setup, the computer prompts the drive installation success (the first time to use the speakerphone need to install the driver); After confirming that all connections are correct, open the third-party conference software, and select the microphone and speaker driver to start the audio and video conference with the device.

Common Reference Settings for PC and Video Devices with USB Talking Mode:

1. Please adjust the volume of speaker and microphones comprehensively to ensure the communication is clear and smooth.
2. Don't turn on the speaker and microphone automatic gain.
3. Give priority to turning off the audio processing functions of the PC software/ video software (such as turning off automatic gain, echo cancellation, noise , reduction etc.).
4. Please use those speeches coding that has a higher sound quality as far as possible.

Wireless Connection

The speakerphone can be docked with its own wireless/Bluetooth adapter. Through wireless connecting, it's convenient for wiring and quick arrangement of audio equipment. The longest wireless transmission distance up to 10 meters.

TEVO-NA200G connection steps:

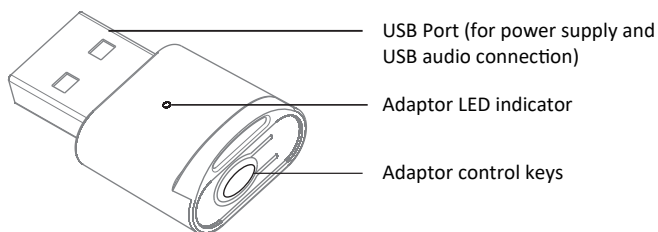
1. Insert the wireless adapter to the USB port of the PC or Video terminal.
2. Turn on the NA200G. After 5 seconds, the Wireless Indicator will keep green light on, it means Wireless connection is set up.
3. Wireless voice calls can now be made.

TEVO-NA200B connection steps:

When the NA200B is under normal working condition, press "X" to turn on Bluetooth for pairing. Then the Bluetooth status indicator will flashing ;

1. Insert the Bluetooth adapter into your computer or other devices. The adapter will enter pairing mode. The adapter is in flashing (flashing once every 300ms);
2. Bluetooth adapter will automatically search NA200B Bluetooth. About 10 seconds, the speakerphone and the adapter will establish Bluetooth Connection. After successful connection, the Bluetooth status indicator on the speakerphone; will be long on. Adapter in Slow flash state (light flashes once a second);
3. Wireless voice calls can be made at this time.

Wireless Bluetooth Adapter Specification



LED Status Indicator



Adaptor LED indicator	light flashing quickly	The device searches for pairing status
	light flashing slowly	The connection is successful

Keypad

Adaptor control keys	Double click on the key	The device enters the pairing state
	long press 5 seconds	Clear pair record

Bluetooth Connection (TEVO-NA200B)

Once paired with a Bluetooth device, you can use the speakerphone for audio call. To pair your Bluetooth device with the speakerphone, follow steps below:

1. Press and hold the “” button until the Bluetooth Indicator flashes green light.
The speakerphone is under Bluetooth pairing mode.
2. Turn on the Bluetooth function of the mobile phone and click search.
3. Search “NA200B” with your Bluetooth device and connect.
4. When the Bluetooth was set up, the Bluetooth indicator will keep lighting on.
Then you can use the speakerphone for audio call.
5. Press the “” button to turn off Bluetooth.

Note:

when Bluetooth fails to match within 40 seconds, Bluetooth needs to be restarted.

In/out Connection

Use a 3.5mm 4-strand cable to connect your phone or PC device to the "I/O" port of the speakerphone.

If the device connection port is a 3.5mm 3-strand port, you need a transfer adapter for connecting. Insert audio transfer plug into the "I/O" port of Speakerphone.

Connect the microphone port and speaker port of Audio Transfer plug to the IN/OUT port of the PC or video conferencing system with two 3.5mm 3-strand cable.

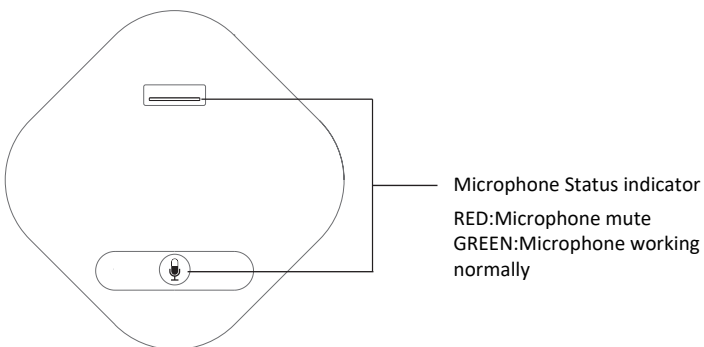
Note:

Please set the phone LINE IN/OUT mode to "PC Mode" when the device is PC or video devices. Or set the phone LINE IN/OUT mode to "Mobile Mode" while connecting a smartphone.

Installation and Use of Extension Unit(Optional)

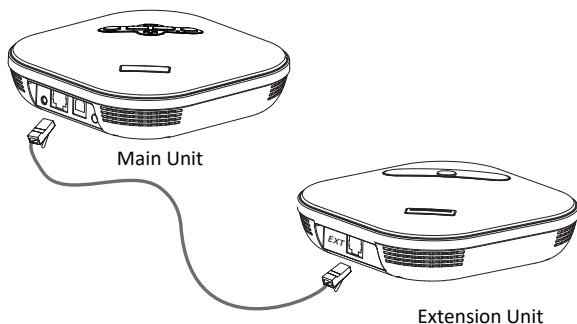
Please use the extension unit when you need a larger connection or essential meeting.

1. Connect EXT interface of the main speakerphone unit and extension unit by using the original RJ45 cable. Connect to PC, communication equipment or power supply via USB cable. After ensuring all connections are correct, switch on power supply.
2. The extension unit has a speaker and microphones system. Two NA200 units simultaneously working in same space, double the cover space of meeting room and the number of participants. The sound of the main unit and the extension unit are completely synchronized, and they can control each other at the same time.
3. The extension unit has mute switch and status indicator. The indicator is green when microphone works normally, and red when mute.



Note:

To normally use and protect the extension unit, it's necessary to check good connection of main unit with extension unit before power on.



Connection diagram

Technical Specifications

Model NO.	Speakerphone
Voice technical parameters	Acoustic Echo cancellation(AEC):>65dB Echo length cancellation:≥500ms 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: 87dB upmost Microphone sound-pickup radius: 5 meters, 360 degrees full range

Model NO.	Extension Unit
Audio parameters	Microphone frequency response:100Hz-22KHz Speaker frequency response:100Hz-22KHz Speaker volume: 87dB upmost Microphone sound-pickup radius: 5 meters, 360 degrees full range

Warranty

1. All products purchased from our company are guaranteed to keep in good repair for 2 years. 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, elated 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 _____

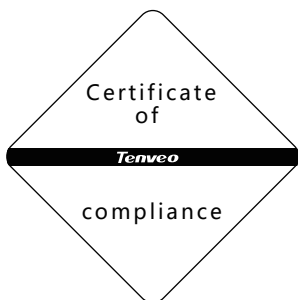
Factory Serial Number _____

Fault description

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

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