S-TRACK

Bluetooth Conference Microphone

User Manual

Attentions

This manual introduces the functions, installations and operations for NAJA SY200 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.
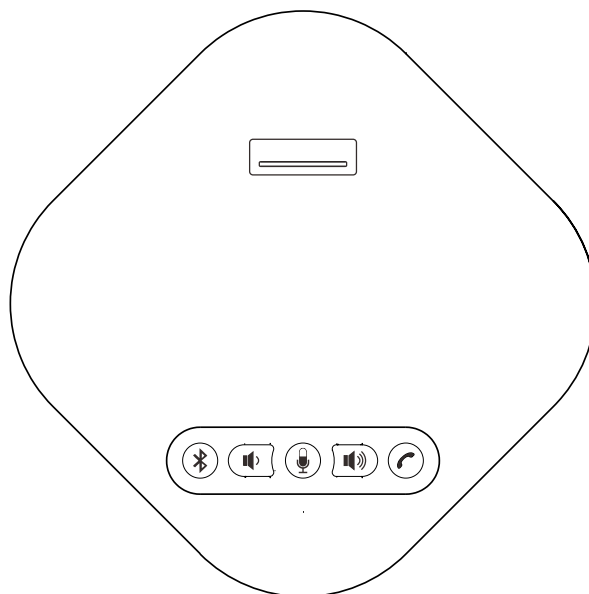4.2 Do not power on before completing installation.
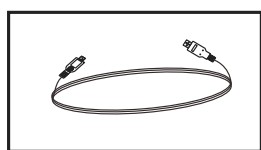
5.Do not Disassemble the Product without Permission
This product contains no parts which can be maintained by the users themselves. Any damage caused by dismantling the product by the user without permission is not covered by warranty.
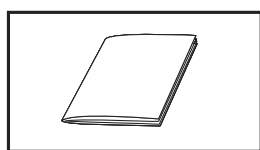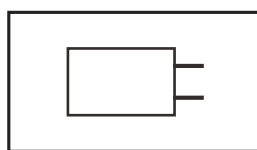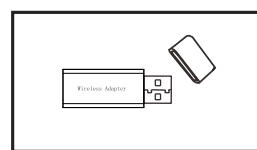
Packing Contents

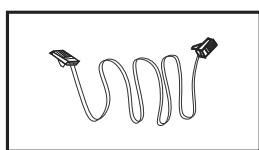Speakerphone

Parts list

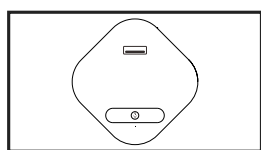USB Cable   User manual   Power adapter   Wireless adapter

Optional Accessories

5m RJ45 Cable   Extension Unit   4-Strand 3.5MM Cable   Bluetooth Adapter
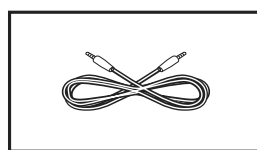
If any items are missing or damaged, contact your place of purchase immediately.
Do not use damaged products!
Please visit our official website (link:http://www.s-track.cn) for assistance.

Speakerphone Interface Specification

Line in/out port — I/O   EXT   USB   ⏻ — Power Switch

RJ45 port   USB port

Extension Unit (Optional)

EXT

RJ45 port
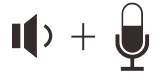
NAJA SY200 Keypad

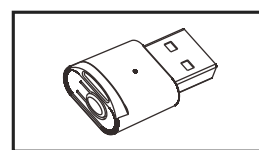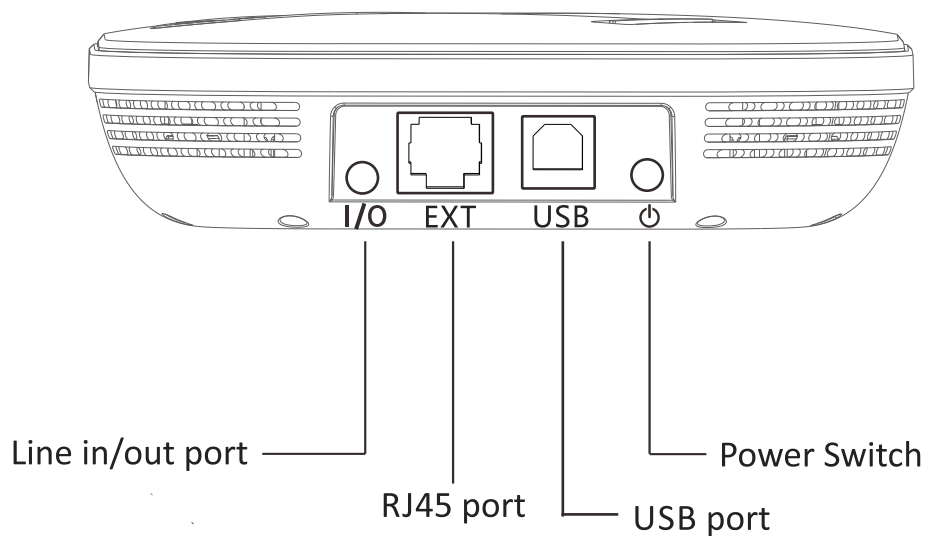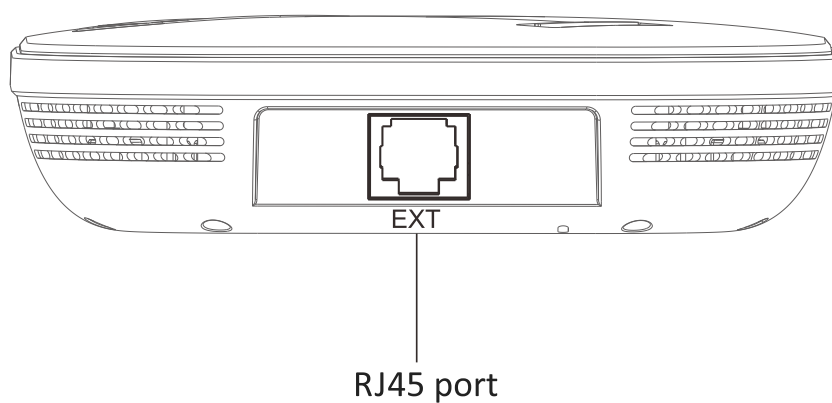|		
🔊 🔊	Volume button	Turn down/ up the volume
∦	Bluetooth button	Turn on/off the Bluetooth
📞	Answer/End calls	Answer/End calls
🎤	Microphone Mute	Turn on/off the Microphone
🔊 + 🎤	PC Mode	Press the volume up button and microphone mute button at the same time for 5 seconds. Then, the green light of the button indicator flashes for 3 times, it means entered the PC mode.
🔊 + 🎤	Mobile Mode	Press the volume down button and microphone mute button at the same time for 5 seconds. Then, the green light of the button indicator flashes for 5 times, it means entered the Mobile mode.
📞 + 🎤	Eco cancellation Mode	Press the answer/end calls button and microphone mute button at the same time for 5 seconds, when the green light of the button indicator flashes for 3 times and the microphone status indicator is green, it means entered the echo cancellation mode; When the green light of the button indicator flashes 3 times and the microphone status indicator is red, it means to exit the echo cancellation mode

LED Status Indicator

Bluetooth status indicator
(Y-type indicator)

Working status
indicator/
volume status
indicator

Microphone
Status indicator

Power status indicator
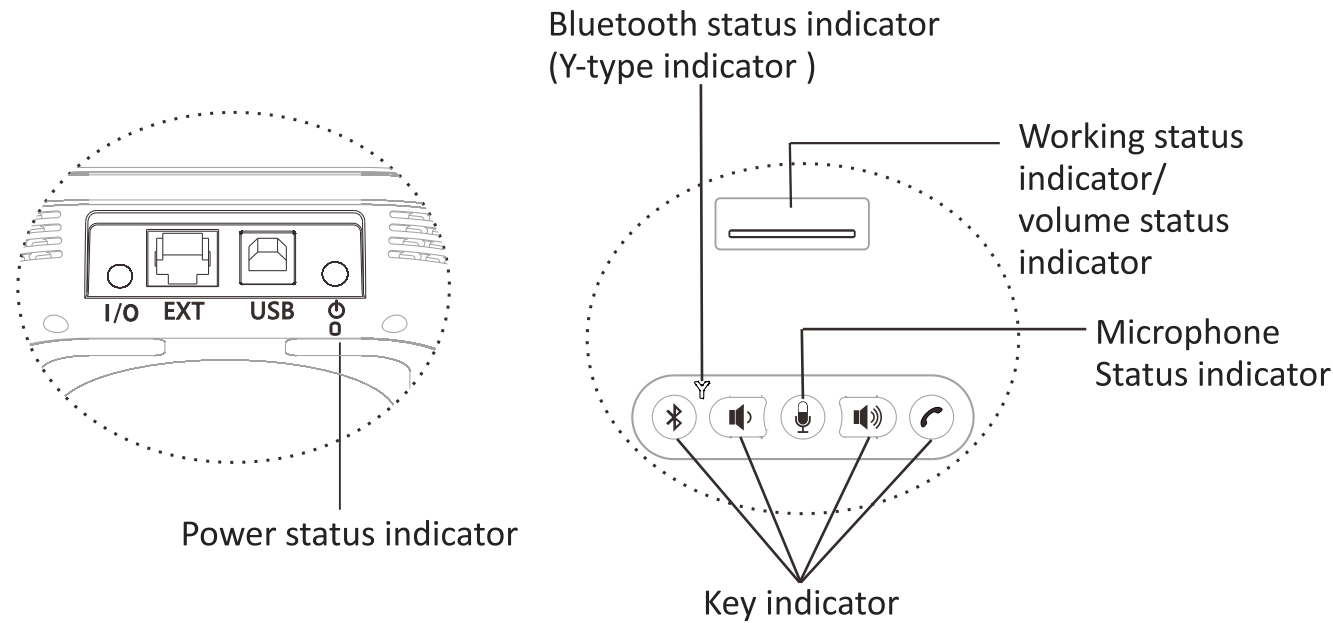
Key indicator

Bluetooth status indicator (Y-type indicator)	Green light flashing	Bluetooth pairing state
	Green light on	Bluetooth connected
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
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

How to Use NAJA SY200

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 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.

NAJA SY200 connection steps:

When the NAJA SY200 is under normal working condition, press " ✻ " to turn on Bluetooth for pairing. Then the Bluetooth status indicator (Y type 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 NAJA SY200 Bluetooth. About 10 seconds, the   speakerphone and the adapter will establish Bluetooth Connection. After successful
connection, the Bluetooth status indicator on the speakerphone (Y type indicator) 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

USB Port (for power supply and USB audio connection)

Adaptor LED indicator

Adaptor control keys
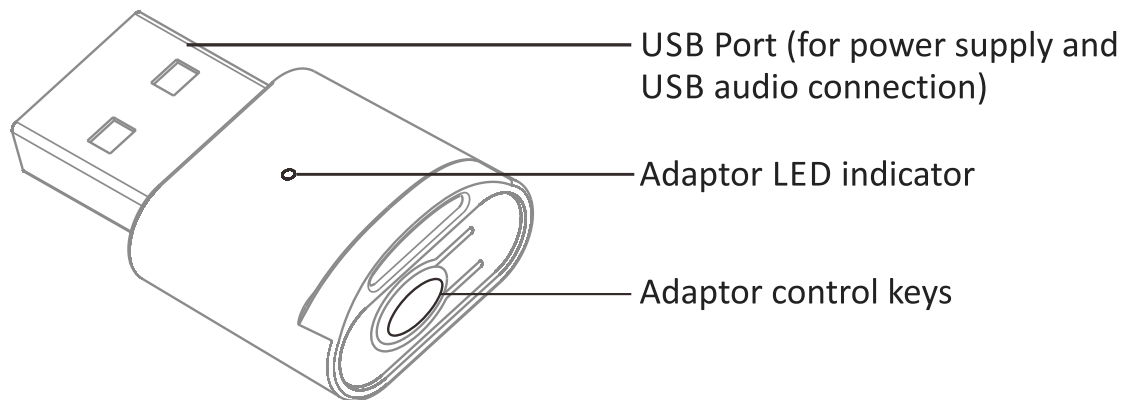
LED Status Indicator

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 paring tate
	long press 5 seconds	Clear pair record

Bluetooth Connection

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(Y type 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 Bluetooth with your Bluetooth device and connect.

4. When the Bluetooth was set up, the Bluetooth indicator(Y type 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 NAJA SY200.

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 NAJA SY200 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.

Microphone Status indicator
RED:Microphone mute
GREEN:Microphone working normally
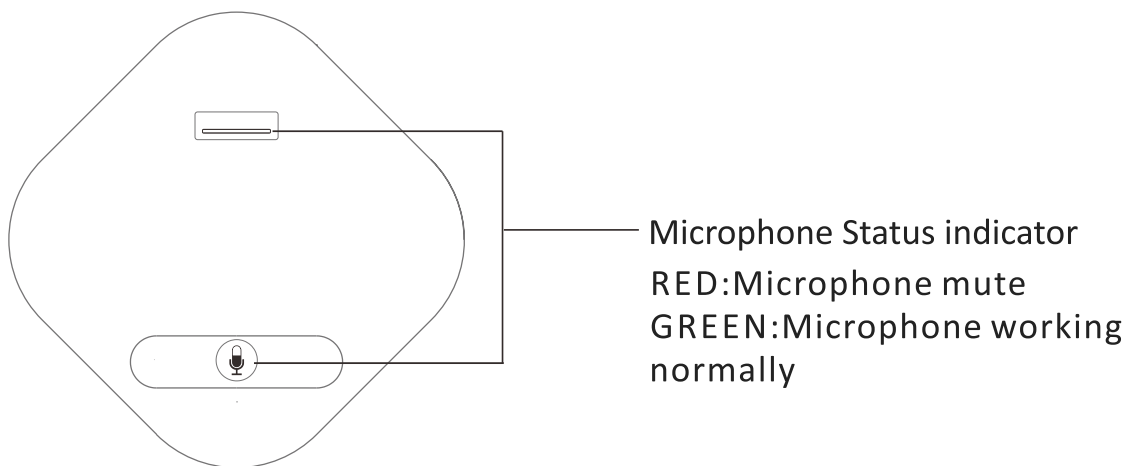
Note:
To normally use and protect the extension unit, it's necessary to check good connection of main unit with extension unit before power on

Main Unit

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Extension Unit
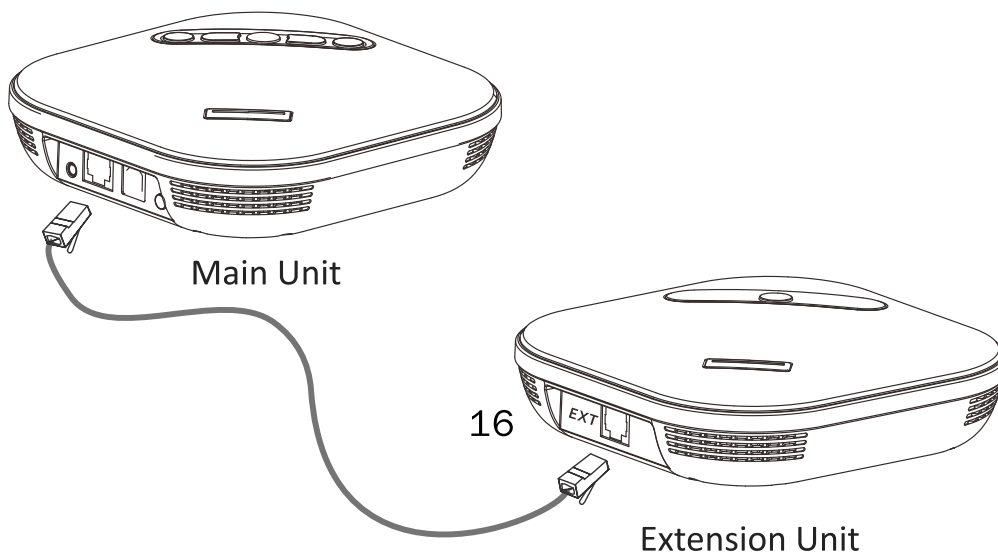
Connection diagram

Technical Specifications

Model NO.	Speakerphone
Voice technical parameters	Acoustic Echo cancellation(AEC):>65dB Echo length cancellation:≥500ms Bidirectional noise compression(NC):<18dB 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: 360 degrees full range

Model NO.	Extension Unit
Audio parameters	Microphone frequency response:100Hz-10KHz Speaker frequency response:100Hz-22KHz Speaker volume: 87dB upmost Microphone sound-pickup radius: 360 degrees full range

Warranty

IM PORTA NT Satisfactory evidence of the original purchase is required for warranty service. Please refer to our website www.s-track.cn for any details or warranty duration offered in addition to those contained below.

Terms of Warranty

S-TRACK warrants to the original retail purchaser only that the HD audio and video conferencing system("the Product"), will be free from defects in materials and craftsmanship for the duration of the warranty period, subject to the limitations and exclusions set out below.

Warranty Period

If a warranty claim is made, this warranty will not apply if the Product is found by S-TRACK to be:

(A) Damaged or not maintained in a reasonable manner or as recommended in the relevant S-TRACK Owner's Manual;
(B) Modified, altered or used as part of any conversion kits, accessories or any configurations not sold by S-TRACK. improper installed contrary to the instructions contained in the relevant Owner's Manual;
(C) Repaired by someone other than an authorized S-TRACK Repair Agent in relation to a defect or malfunction covered by this warranty;
(D) Used in conjunction with any equipment, parts or a system not manufactured by S-TRACK.

Parts Covered

This warranty covers the Product and included accessories.

User-generated Data

This warranty does not cover any claimed loss of or damage to user-generated data (including but without limitation phone numbers, addresses and images) that may be stored on your Product.

Statement of Remedy

If the Product is found not to conform to this warranty as stated above,the Warrantor, at its discretion,will either repair the defect or replace the Product without any charge for parts or service.This warranty does not include any reimbursement or payment of any consequential damages claimed to arise from a Product's failure to comply with the warranty.

Our goods come with guarantees that cannot be excluded under the local Consumer Law.You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Procedure for Obtaining Warranty Service

Depending on the country in which the Product was first purchased, if you believe that your Product does not conform with this Warranty,you should deliver the Product, together with satisfactory evidence of your original purchase(such as a legible copy of the sales docket)to S-TRACK at the addresses shown below. You should contact S-TRACK regarding any compensation that may be payable for your expenses incurred in making a warranty claim. Prior to delivery,we recommend that you make a backup copy of any phone numbers,images or other data stored on your Product,in case it is lost or damaged during warranty service.

Warning

Note:This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Contact Us

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