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- › [Nuroum](#) /
- › [Nuroum A15 Bluetooth Conference Speaker User Manual](#)

## Nuroum AW-A15

# Nuroum A15 Bluetooth Conference Speaker

Model: AW-A15 | Brand: Nuroum

## INTRODUCTION

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The Nuroum A15 is a versatile Bluetooth conference speaker designed to enhance your communication experience in various settings, from personal use to group meetings. Featuring 4 built-in omnidirectional microphones, advanced noise reduction, echo cancellation, and full-duplex audio, it ensures clear and natural conversations. Its multiple connectivity options and portable design make it an ideal solution for modern collaboration.

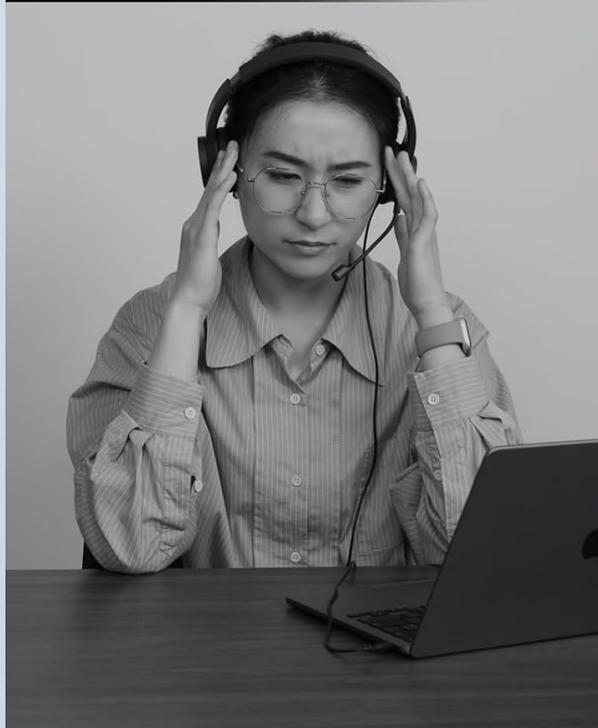
# Enjoy Clear Conversations without the Hassle of Constantly Wearing a Headset

Say goodbye to the discomfort of wearing headsets all day. Our conference speakerphone guarantees smooth communication while liberating you from the strain of headsets.

With A15 wireless speakerphone



With a headset



**Image:** Comparison illustrating the comfort of using the Nuroum A15 speakerphone versus wearing a traditional headset for extended periods.

## KEY FEATURES

- **360° Omnidirectional Microphones:** Four integrated microphones capture voices from all directions within a 3-meter range, suitable for up to 10 participants.
- **Advanced Noise Reduction:** AI-based optimization effectively reduces ambient noise, echo, and reverberation for crystal-clear audio.
- **Full Duplex Audio:** Allows multiple participants to speak and be heard simultaneously without interruption.
- **Automatic Gain Control (AGC):** Automatically adjusts voice volumes to ensure consistent clarity for all participants, regardless of their distance from the speaker.
- **Daisy Chain Functionality:** Connect two A15 units to expand coverage for larger meetings with up to 20 participants.
- **Multiple Connectivity Options:** Supports Bluetooth, USB-A, USB-C, and a dedicated dongle for flexible connection to various devices.
- **Universal Compatibility:** Works seamlessly with popular conferencing platforms like Teams, Zoom, Google Meet, Webex, and across operating systems including Windows, MacOS, and Linux.

- **Portable Design:** Compact and lightweight with a 10-hour battery life, ideal for on-the-go use. Includes a hard case for protection.

## 4 Built-in Omnidirectional Microphones

for clear and effective voice pickup within  
the distance of 3 meters in 360 degrees



**Image:** Diagram illustrating the 360-degree voice pickup range of the four built-in omnidirectional microphones.

# AI-Based Human Voice Enhancement

reduces ambient noise/echo/reverberation effectively



Noise  
Suppression



Automatic  
Gain Control



Full Duplex  
Technology

**Image:** Visual representation of AI-based human voice enhancement, including noise suppression, automatic gain control, and full duplex technology.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Nuroom A15 Conference Speaker with Microphone
- 1 x USB Cable (for charging and data)
- 1 x USB Dongle
- 1 x Daisy Chain Cable
- 1 x User Manual
- 1 x Carrying Bag

## DEVICE OVERVIEW

### Controls

The Nuroum A15 features intuitive touch controls on its top surface:

- **Power Button:** Press and hold to power on/off.
- **Volume Up/Down:** Adjust speaker volume.
- **Microphone Mute:** Mute or unmute the microphones.
- **Bluetooth Button:** Initiate Bluetooth pairing.

## Ports



**Image:** Diagram detailing the various ports on the Nuroum A15: Daisy-Chain Port, AUX Port, USB Audio and Charging Port, Reverse Charging Port, and Reset Hole.

- **Daisy-Chain Port:** Used to connect two A15 speakerphones for expanded coverage.
- **AUX Port:** Connects to a 3.5mm audio interface on your computer (3.5mm cable not included).
- **USB Audio and Charging Port (Type-C):** Connects to your computer for audio and charging. This is the primary charging port.
- **Reverse Charging Port (USB-A):** This port should not be used to charge the speakerphone. It can be used to charge other devices, such as a smartphone.
- **Reset Hole:** Used to reset the speakerphone to its factory settings.

## SETUP

### Charging the Device

Before initial use, fully charge the Nuroum A15. Connect the provided USB cable to the USB Audio and Charging Port (Type-C) on the speakerphone and to a power source (e.g., computer USB port or USB wall adapter). The device has a built-in battery that provides up to 10 hours of operation on a full charge.

### Power On/Off

Press and hold the Power button on the top of the device for approximately 2 seconds to turn it on or off.

## CONNECTIVITY

### Simple and Instant Setup

Thanks to the flexible connectivity, just start a meeting immediately.



**Image:** Illustration of flexible connectivity options, showing wired connection via USB-C/USB-A and wireless connection via Bluetooth/USB Dongle.

### Bluetooth Pairing

1. Power on the Nuroum A15.
2. Press the Bluetooth button on the speakerphone. The Bluetooth indicator light will flash, indicating it is in

pairing mode.

3. On your device (smartphone, tablet, computer), go to Bluetooth settings and select "Nuroum A15" from the list of available devices.
4. Once connected, the Bluetooth indicator light will turn solid.

### USB Connection

Connect the Nuroum A15 to your computer using the provided USB cable (USB-C to USB-A or USB-C to USB-C, depending on your computer's ports). The speakerphone will be recognized as an audio device, and it will also charge simultaneously.

### USB Dongle Connection

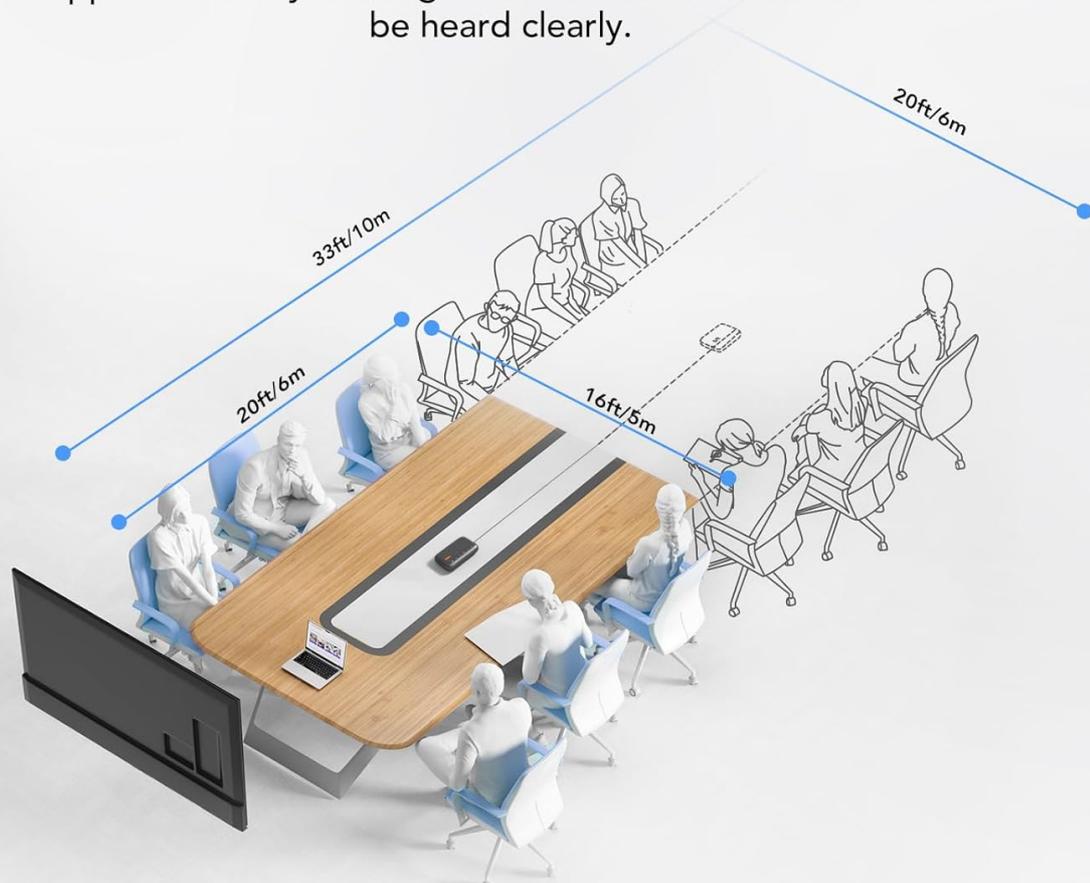
For a stable wireless connection, plug the provided USB dongle into an available USB port on your computer. The Nuroum A15 will automatically connect to the dongle.

### Daisy Chain Functionality

For larger meeting spaces or more participants (up to 20), two Nuroum A15 units can be connected in a daisy chain configuration:

## 2 Units Daisy Chain Expansion to Cover Larger Space

By cascading 2 A15 units, conferences with 15 participants can even be supported. Everyone, regardless of the distance, can hear and be heard clearly.



**Image:** Diagram illustrating how two Nuroum A15 units can be daisy-chained to cover a larger meeting space, supporting up

to 15 participants (note: feature bullet says 20, image says 15, using 20 as per feature bullet).

1. Ensure both A15 units are powered on.
2. Connect the Daisy Chain cable between the Daisy-Chain ports of the two A15 units.
3. The units will automatically link, extending the microphone pickup and speaker output range.

## **OPERATING INSTRUCTIONS**

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### **Making/Receiving Calls**

Once connected to your device, the Nuroum A15 functions as your primary audio input and output for calls and conferences. Use your connected device to initiate or answer calls. The speakerphone's controls can manage volume and microphone mute during a call.

### **Volume Adjustment**

Press the Volume Up (+) or Volume Down (-) buttons on the speakerphone to adjust the listening volume.

### **Microphone Mute**

Press the Microphone Mute button to mute or unmute the microphones. The indicator light will change to show the mute status.

### **Automatic Gain Control (AGC)**

The Nuroum A15 features Automatic Gain Control (AGC) technology. This ensures that all voices are captured at a consistent volume level, even if participants are at different distances from the speakerphone or speak with varying loudness. This feature operates automatically to optimize audio clarity.

# Intelligent Automatic Gain Control Technology AGC

allows the voice to be captured in constant amplitude,  
no matter where you sit or stand



**Image:** Diagram illustrating how Intelligent Automatic Gain Control (AGC) technology ensures consistent voice capture amplitude regardless of speaker position.

## COMPATIBILITY

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The Nuroum A15 is designed for broad compatibility with various devices and conferencing platforms:

- **Operating Systems:** Microsoft Windows, MacOS, Linux.
- **Devices:** PCs, Laptops, Desktop Computers, Smartphones, Tablets.
- **Conferencing Platforms:** Teams, Zoom, Google Meet, Webex, and other common communication applications.

## MAINTENANCE

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To ensure the longevity and optimal performance of your Nuroum A15 conference speaker, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using abrasive cleaners, solvents, or harsh chemicals.

- **Storage:** When not in use, store the speakerphone in its carrying bag to protect it from dust and physical damage. Store in a cool, dry place.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.
- **Environmental Conditions:** Do not expose the device to extreme temperatures, direct sunlight, or high humidity. The device is not waterproof.

## TROUBLESHOOTING

If you encounter issues with your Nuroum A15, refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not power on	Low battery; Power button not pressed correctly	Charge the device using the USB-C port. Press and hold the power button for 2 seconds.
No audio output	Volume too low; Incorrect audio device selected; Device not connected	Increase volume on speakerphone and connected device. Check audio settings on your computer/phone to ensure Nuroum A15 is selected. Reconnect via Bluetooth/USB/dongle.
Microphone not working	Microphone muted; Incorrect input device selected	Press the Mute button to unmute. Check audio input settings on your computer/phone to ensure Nuroum A15 is selected.
Bluetooth connection unstable	Distance too far; Interference; Device not paired correctly	Ensure device is within 20 meters. Move away from other wireless devices. Re-pair the Bluetooth connection. Consider using the USB dongle or wired connection.
Daisy chain not working	Cable not connected properly; One unit not powered on	Ensure the daisy chain cable is securely connected to both units. Verify both A15 units are powered on.
Sound quality issues (echo, noise)	Environmental factors; Software settings	Ensure the room is not overly reverberant. Check for conflicting audio enhancement settings on your computer. The A15's built-in noise reduction and echo cancellation should handle most issues automatically.

If the problem persists, try resetting the device by inserting a pin into the Reset Hole for a few seconds. If issues continue, contact customer support.

## SPECIFICATIONS

Feature	Detail
Model Number	AW-A15

Feature	Detail
Dimensions (L x W x H)	21.3 x 12.8 x 4.8 cm
Weight	329 Grams
Microphones	4 Omnidirectional Microphones
Voice Pickup Range	Up to 3 meters (360°)
Speaker Output Power	3 Watts
Connectivity Technology	Bluetooth, USB (Type-A, Type-C)
Wireless Communication	Bluetooth
Maximum Wireless Range	20 Meters
Power Source	Battery Powered (1 Lithium-ion battery required)
Battery Life	Up to 10 hours
Control Method	Touch
Special Features	High-resolution audio, Integrated microphone, USB Port, Noise Reduction, Echo Cancellation, Full Duplex, AGC
Material	Plastic
Color	Grey
Waterproof	False

## WARRANTY AND SUPPORT

The Nuroum A15 conference speaker comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Nuroum customer service through their official website or the retailer where you purchased the product.

