

[Manuals.plus](#) /

> [NUROUM](#) /

> Nuroum A05U USB Conference Speaker with Microphone - User Manual

NUROUM A05U

Nuroum A05U USB Conference Speaker with Microphone

Model: A05U | Brand: NUROUM

INTRODUCTION

The Nuroum A05U is a portable USB conference speaker designed to provide clear and stable audio for your meetings and calls. Featuring an omnidirectional microphone, advanced noise reduction, and full-duplex audio processing, it ensures effective communication in various environments, from home offices to business trips. This manual provides essential information on setting up, operating, and maintaining your A05U speaker.



Figure 1: The Nuroum A05U provides a comfortable meeting experience.

PRODUCT OVERVIEW

Key Features

- **360° Omnidirectional Microphone & HiFi4 DSP Chip:** Captures voices from all directions, ensuring rich and faithful sound

reproduction.

- **Echo, Reverb, and Noise Reduction:** Advanced algorithms eliminate echo and reverb, while effectively filtering ambient noise for crystal-clear audio.
- **Portable and Elegant Design:** Compact and lightweight, ideal for travel and easy to carry.
- **Full Duplex & Automatic Gain Control (AGC):** Allows multiple participants to speak simultaneously without voice loss. AGC automatically adjusts voice volume within a 3-meter range for consistent clarity.
- **Easy & Universal Connectivity:** Connects via USB-A or Type-C for stable wired connection to PCs, laptops, and desktops.

Package Contents

- 1 x Nuroum A05U Conference Speaker
- 1 x USB-A to USB-C Cable
- 1 x User Manual

Controls and Indicators

The A05U features intuitive touch controls for easy operation. Specific controls typically include:

- Volume Up/Down
- Microphone Mute/Unmute (often indicated by an LED color change, e.g., red for muted, blue for active)
- Call Answer/End (if supported by software)

LED indicators provide visual feedback on device status, such as power, microphone status, and connection.

SETUP

The Nuroum A05U is designed for plug-and-play convenience. Follow these steps to set up your device:

1. **Connect the Speaker:** Use the provided USB cable to connect the A05U speaker to an available USB-A or USB-C port on your computer (PC or laptop).
2. **Power On:** The speaker will typically power on automatically once connected to your computer.
3. **System Recognition:** Your operating system (Windows, macOS, Linux) should automatically detect and install the necessary drivers. This usually takes a few seconds.
4. **Select as Audio Device:**
 - Open your computer's sound settings.
 - Select "Nuroum A05U" as your default playback (speaker) and recording (microphone) device.
5. **Configure Conferencing Software:**
 - Open your preferred video conferencing application (e.g., Zoom, Microsoft Teams, Google Meet, Webex, Skype).
 - Go to the audio settings within the application.
 - Select "Nuroum A05U" for both your speaker and microphone.

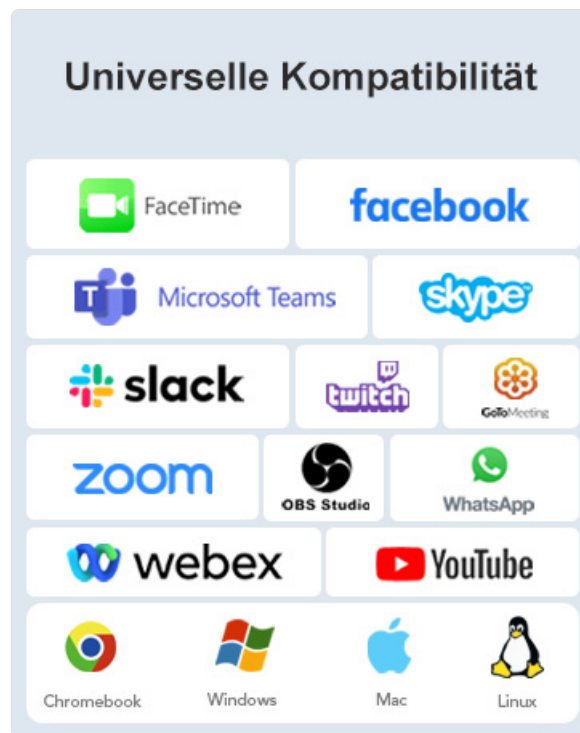


Figure 2: Nuroum A05U connectivity and compatibility with various platforms.

OPERATING INSTRUCTIONS

Making a Call

1. Ensure the A05U is correctly connected and selected as your audio device in your computer's sound settings and conferencing software.
2. Initiate or join a call through your chosen application.
3. Adjust the volume using the touch controls on the A05U or your computer's volume settings.
4. To mute or unmute the microphone, tap the microphone icon on the A05U. The LED indicator will change to reflect the microphone status (e.g., red for muted).

Audio Technologies in Use

- **360° Omnidirectional Microphone:** The A05U captures sound from all directions, making it suitable for group discussions where participants are seated around the speaker.
- **Noise Reduction:** The speakerphone actively filters out background noise, such as keyboard clicks, air conditioning, or ambient room sounds, to ensure your voice is clear to other participants.
- **Echo and Reverb Cancellation:** This feature prevents echoes and reverberations, providing a natural and comfortable listening experience for all parties.
- **Full Duplex Audio:** The A05U supports full-duplex communication, allowing both sides of the conversation to speak and be heard simultaneously without interruption.
- **Automatic Gain Control (AGC):** AGC automatically adjusts the microphone sensitivity to ensure consistent voice levels for all participants within a 3-meter range, regardless of their distance from the speaker.

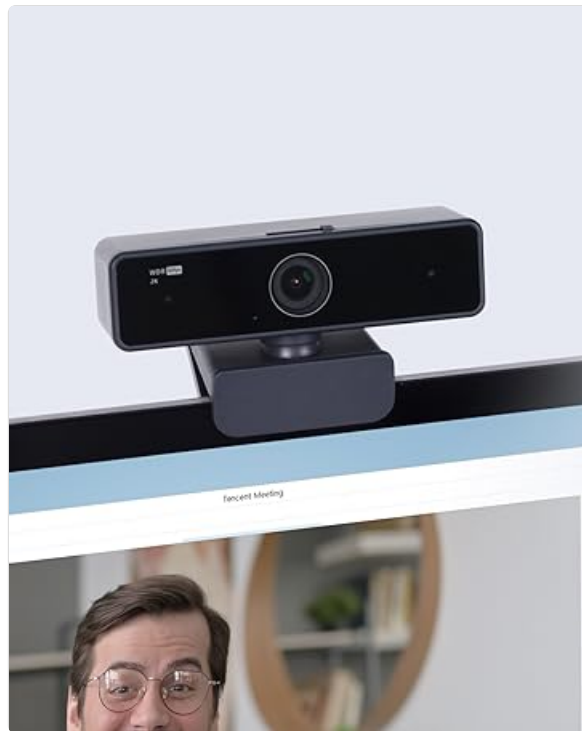


Figure 3: AGC technology ensures clear voice pickup in group settings.



Figure 4: Noise-cancelling technology for professional sound in any environment.

MAINTENANCE

To ensure the longevity and optimal performance of your Nuroum A05U speaker, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the surface.
- **Storage:** When not in use, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Cable Care:** Do not bend or crimp the USB cable excessively. Always grasp the plug, not the cable, when disconnecting.

TROUBLESHOOTING

If you encounter issues with your Nuroum A05U, refer to the following common troubleshooting steps:

- **No Sound from Speaker:**
 - Ensure the USB cable is securely connected to both the speaker and your computer.
 - Check your computer's sound settings to confirm "Nuroum A05U" is selected as the default playback device.
 - Verify the volume level on the speaker and your computer is not muted or set too low.
 - Try connecting the speaker to a different USB port on your computer.
- **Microphone Not Working:**
 - Ensure the microphone on the A05U is not muted (check the LED indicator).
 - Confirm "Nuroum A05U" is selected as the default recording device in your computer's sound settings and your conferencing application.
 - Check privacy settings on your operating system to ensure applications have permission to access the microphone.
- **Poor Audio Quality (Echo, Distortion):**
 - Ensure the speaker is placed on a stable, flat surface away from walls or other reflective surfaces that might cause echo.
 - Reduce background noise in your environment.
 - Update your computer's audio drivers if available.
- **Device Not Recognized:**
 - Disconnect and reconnect the USB cable.
 - Restart your computer.
 - Try a different USB port.

SPECIFICATIONS

Feature	Detail
Model Number	AW-A05U (A05U-1)
Brand	NUROUM
Dimensions (L x W x H)	10 x 16 x 3 cm
Weight	430 grams
Max Speaker Output Power	2 Watts
Frequency Response	20 KHz
Connectivity Technology	USB (USB-A, USB-C compatible)
Audio Output Mode	Stereo
Mounting Type	Table Mount
Special Feature	Noise Reduction
Recommended Use	Video Conferencing

Feature	Detail
Control Method	Touch
Impedance	4 Ohms
Audio Driver Type	Dynamic
Compatible Devices	Computer, Tablet, Smartphone (via USB)
Power Source	Corded Electric (USB powered)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official NUROUM website or contact their customer service directly. Keep your purchase receipt for warranty claims.

NUROUM Official Website: www.nuroum.com