

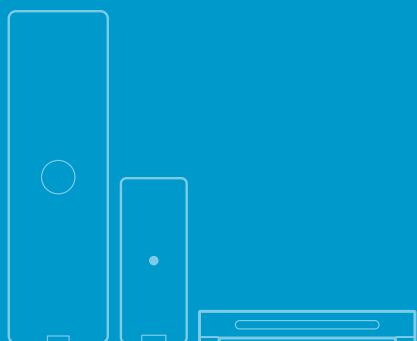


The simplicity revolution continues



HDX SERIES — Adaptable full-featured audio

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Meet HDX

Equip your organization with exceptional in-room and remote audio that makes everything easy — from installation to daily use to ongoing management.

The Nureva® HDX series is ideal for busy IT teams that need adaptable, scalable audio solutions. Whether you're equipping lecture halls, classrooms, meeting rooms, divisible rooms or temporary spaces, HDX has a modular configuration to meet your needs.

HDX combines advanced microphone pickup, full-range speaker output, Adaptive Voice Lift, assistive listening support and more — in a single plug and play solution. All these features work together simultaneously to deliver clear, consistent sound for the people in the room and those connecting remotely.

With IT-friendly setup and management tools included and no DSP programming, HDX keeps everything simple, scalable and sounding great.

[Explore](#)



Audio bar

Our easy-to-install audio bars combine speakers and microphones to deliver rich, room-filling sound and full-room pickup. They come in pairs for spatial audio.

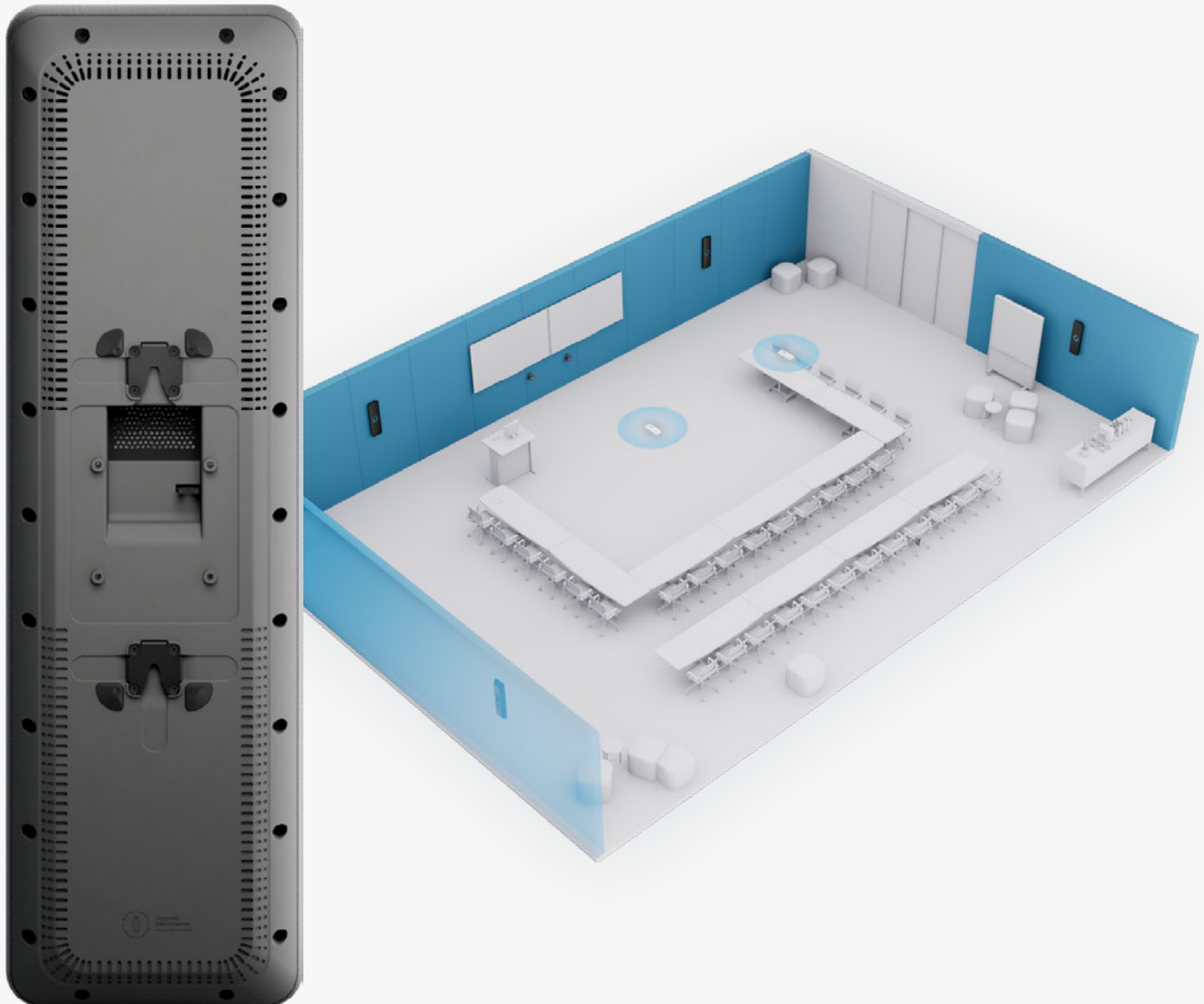
One half of each bar includes a 2D array of 10 forward-facing mics. The other half is a two-way speaker system. Both parts are acoustically isolated so there's no interference. In between, there's an indicator light that's customizable.

Each audio bar includes:

- 4-inch drivers for middle and lower frequencies
- 1-inch tweeter for higher frequencies
- 10 low-noise omnidirectional MEMS
- 120 Hz to 20 kHz frequency range

Flexible installation

- Can be installed vertically or horizontally
- Includes mounting brackets and optional VESA mounting
- Requires no specialized skills or tools





Microphone pod

The sleek HDX microphone pod strengthens microphone pickup in acoustically challenging spaces. When two are used with four audio bars, they also add in-room enhancements such as Adaptive Voice Lift.

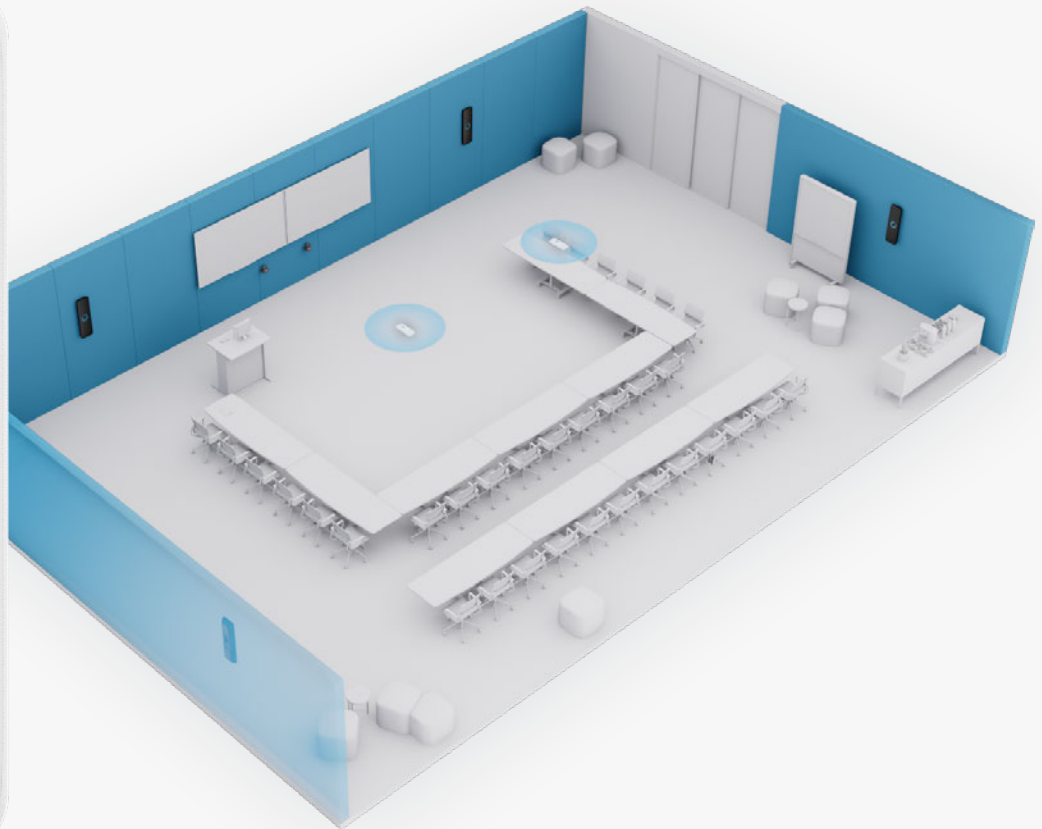
The 2D microphone array in each pod works together with the mic arrays in our audio bars. Our patent-pending unified coverage map creates a single, giant virtual microphone array that spans the entire room.

With the HDX microphone pod you get:

- Clear and consistent pickup with reduced switching artifacts
- 3D sound location data for camera tracking and switching
- Adaptive Voice Lift without complex programming
(when pairing two pods with four audio bars)

Flexible installation

- Can be mounted on the ceiling or wall
- Includes mounting brackets and optional VESA mounting
- Requires no specialized skills or tools



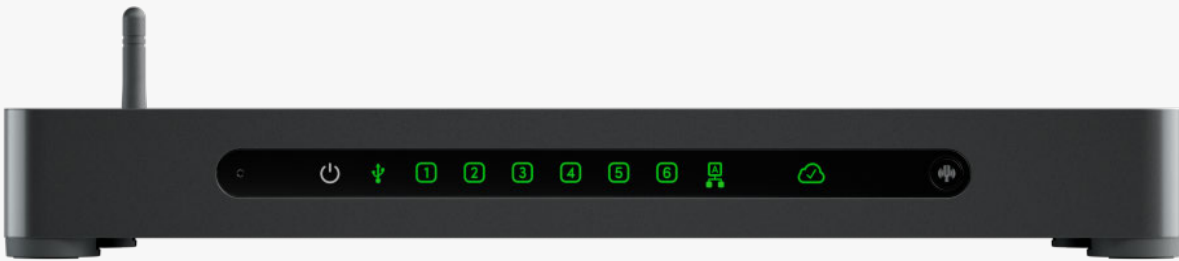
The image shows two Nureva audio components against a dark background with blue concentric circles representing sound waves. In the foreground is a horizontal, rectangular 'System hub' with a black grille on top and a row of green status LEDs. To its right is a vertical, rectangular 'Auracast' transmitter with a similar grille and a small antenna on top. Both devices have the 'nureva' logo at the bottom.

System hub

The multifunction system hub is the brains of every HDX system, eliminating the need for separate DSPs, amplifiers and *Auracast™* transmitter.

It delivers:

- AV connectivity
- Advanced digital signal processing
- Seamless integration with in-room and external AV devices
- Cloud-based management through Nureva Console



Front panel indicators

Status indicator lights for:

- Power
- USB connection
- HDX components
- Networks



Back panel connections

6 connections to audio bars and microphone pods, RJ45

USB 2.0 interface to computer or collaboration hub, Type-C

Input jack for power supply

2 connections for Console Direct (cloud-based device management), local area network (LAN) and AES67 2x2 AVoIP (coming soon), RJ45

4 analog audio input channels, balanced, Euroblock 3.5 mm pitch

2 analog audio output channels, balanced, Euroblock 3.5 mm pitch

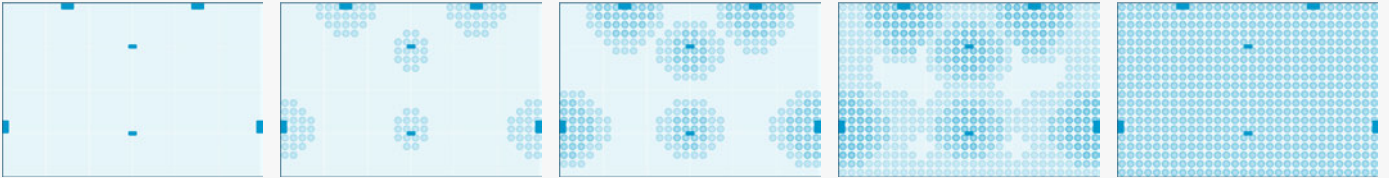
Subwoofer connection, balanced, 1/4" jack

Bluetooth® technology radio antenna

Integrated Auracast transmitter

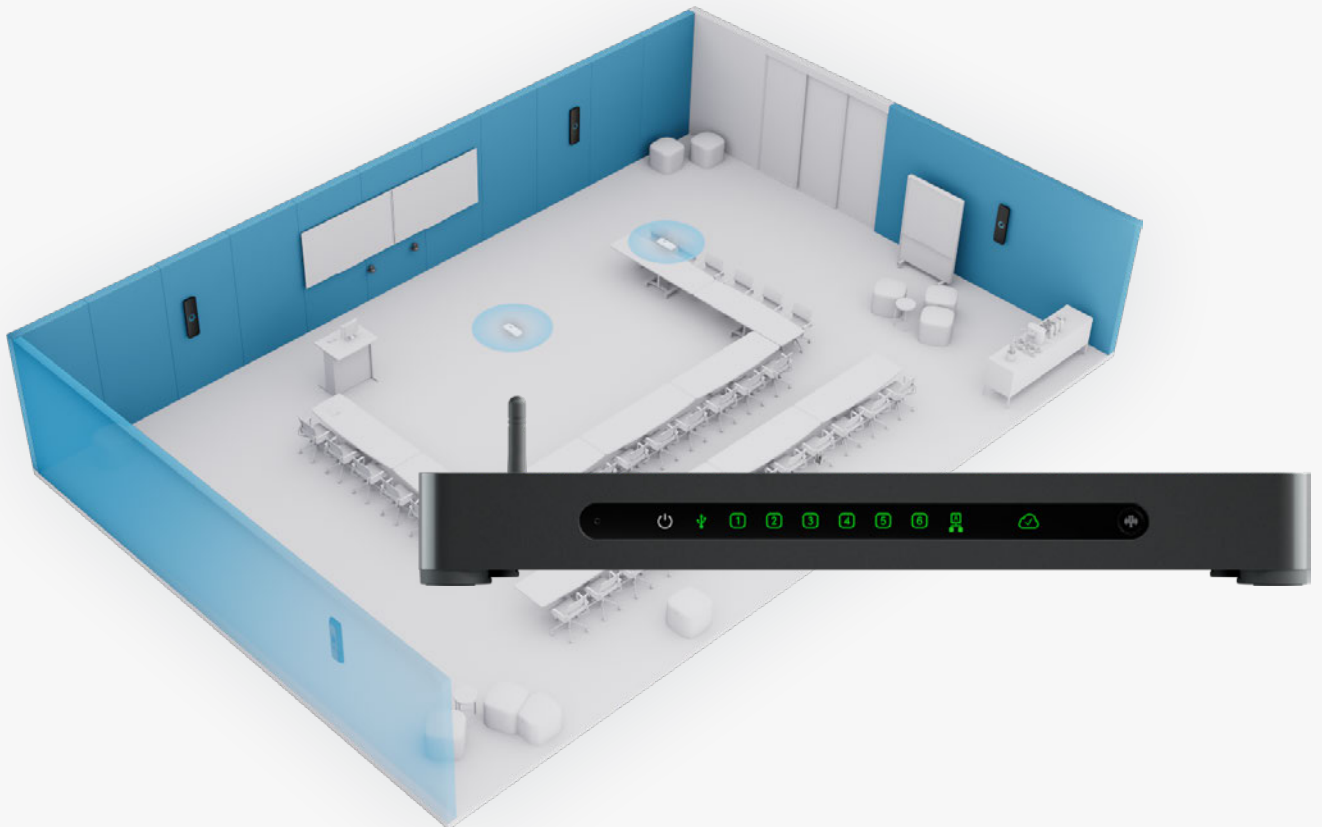
Unified coverage map

The HDX system hub processes all physical mics — from the bars and pods — together to create a unified coverage map stretching to every corner of the room. The unified coverage map enables full-room mic pickup, Adaptive Voice Lift, sound location data and more, delivering consistent audio clarity and intelligent automation.



Flexible installation

- Single-cable AV-over-IP connectivity
- Connects up to 6 HDX components
- Connects a wide range of other AV components



Configurations

The HDX audio series comes in five modular configurations to suit a wide variety of larger rooms and use cases.



4 bar + 2 pod

Our most advanced setup featuring Adaptive Voice Lift
Up to 40' x 60' (12.2 x 18.3 m)

[Learn more](#)



4 bar + 1 pod

Enhanced pickup in lecture halls and training rooms
Up to 40' x 60' (12.2 x 18.3 m)

[Learn more](#)



4 bar

Made for extra-large meeting rooms and classrooms
Up to 40' x 60' (12.2 x 18.3 m)

[Learn more](#)



2 bar + 1 pod

Flexible option for multipurpose and divisible rooms
Up to 35' x 40' (10.7 x 12.2 m)

[Learn more](#)



2 bar

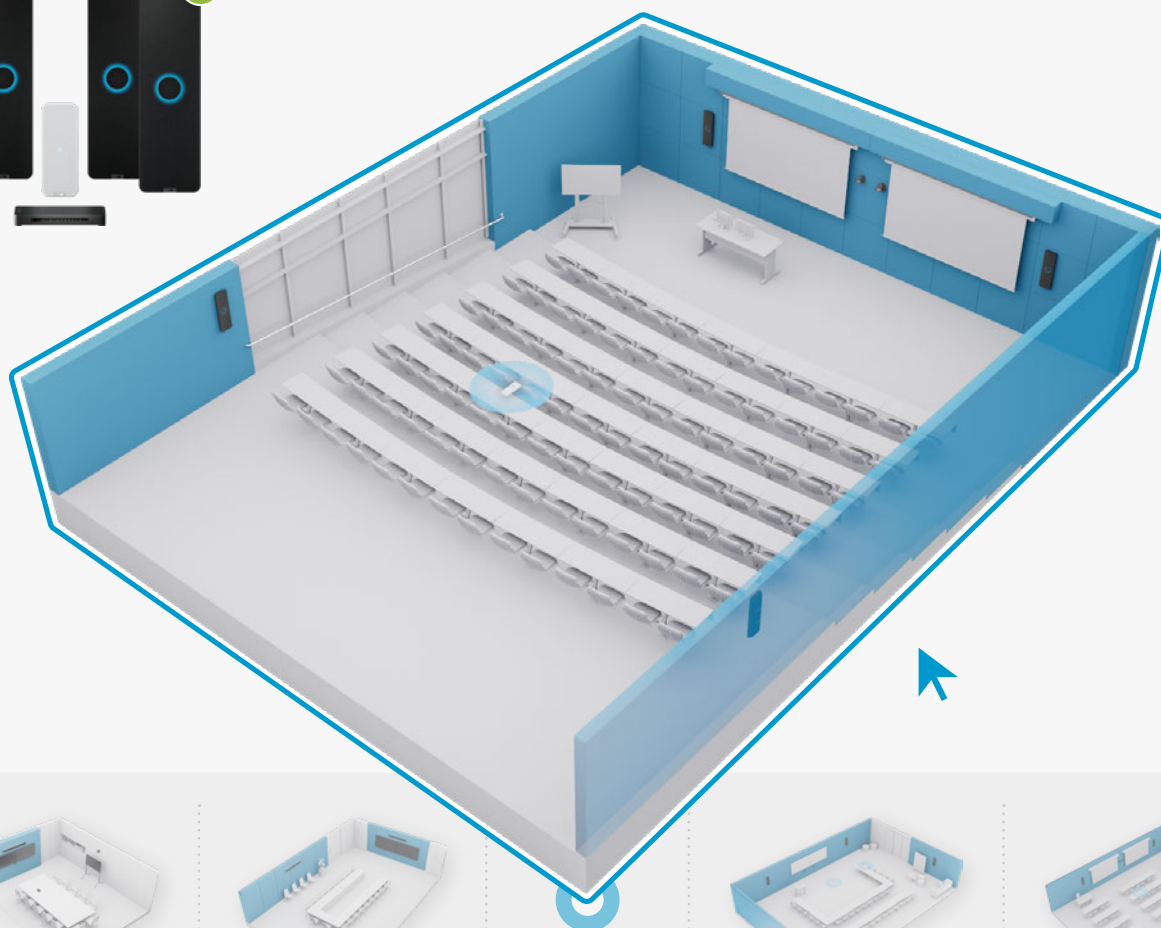
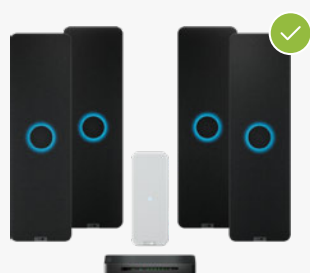
Ideal for high-impact Teams Rooms and Zoom Rooms
Up to 30' x 30' (9.1 x 9.1 m)

[Learn more](#)

Find the perfect system for your space

Not sure which HDX configuration will best fit your room? Answer a few tailored questions, and we'll recommend the best option based on room size, usage and specific audio needs.

Get started

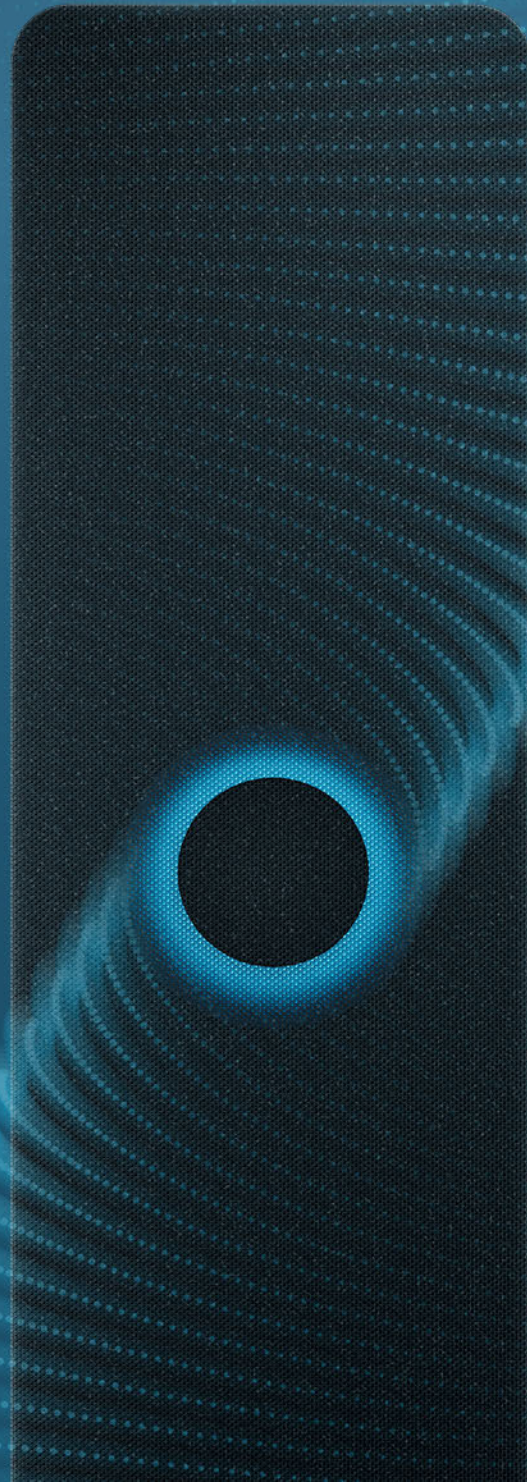


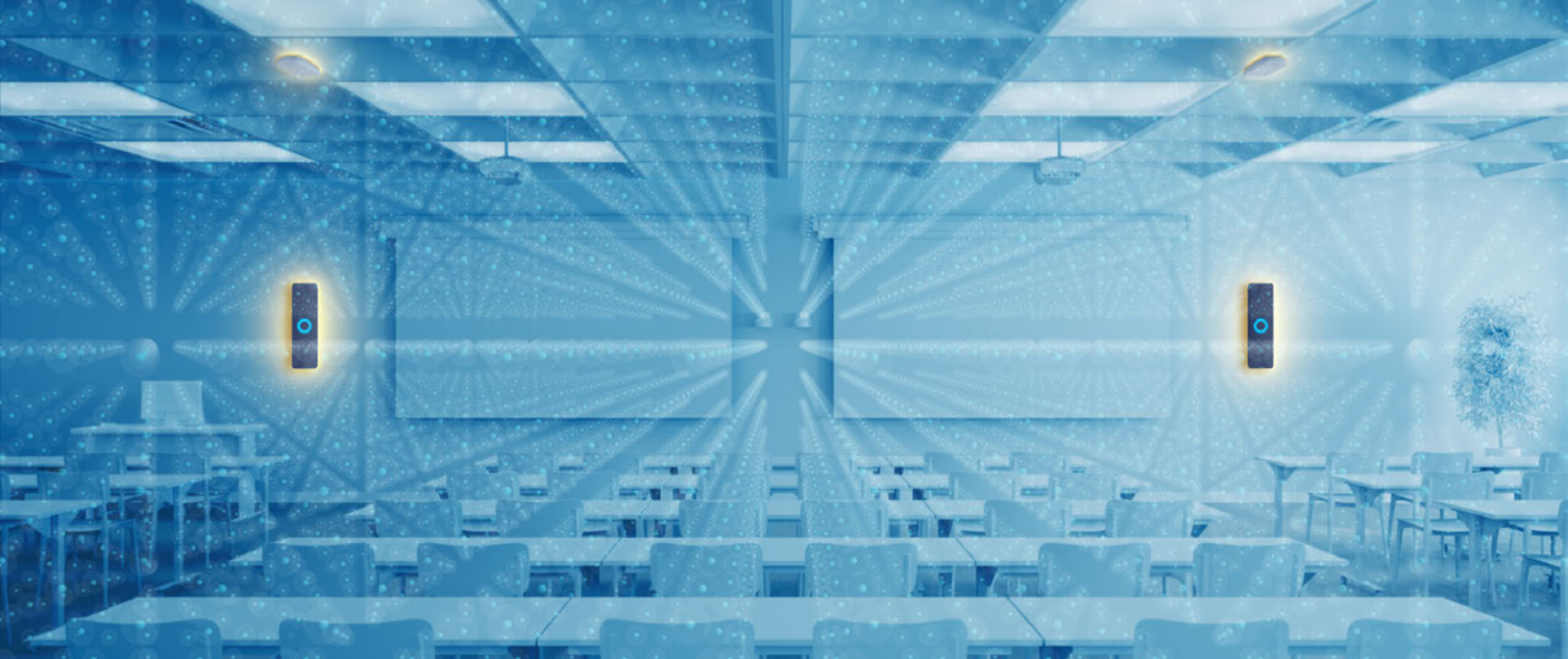
Key features

HDX eliminates the trade-offs commonly found in large-room audio. All key features run at the same time, delivering consistent performance for in-room and remote participants while keeping setup and management simple.

Includes:

- ☑ Full-room microphone coverage
- ☑ Full-range distributed audio
- ☑ Adaptive Voice Lift
- ☑ Adaptive Voice Amplification
- ☑ Assistive listening with Auracast broadcast audio
- ☑ Divisible room automation
- ☑ 3D sound location data





Full-room microphone coverage

Hassle-free mic pickup that adds up to fewer IT tickets

Fill your rooms with thousands of virtual mics so every voice is picked up — no matter where people sit, move or face — with patented Microphone Mist™ technology. Our breakthrough approach to audio solves the long-standing challenges of mic pickup in dynamic, collaborative spaces. Instead of relying on beamforming or fixed mic arrays, Microphone Mist technology creates a dense grid of virtual mics to capture voices clearly — wall to wall, floor to ceiling.

What makes HDX different?

Unified coverage map

This patent-pending feature processes all physical mics — from the bars and pods — together to create a 3D microphone array that spans the entire room. It reduces mixing and switching artifacts, a common cause of choppy and unnatural audio.

Autocalibration

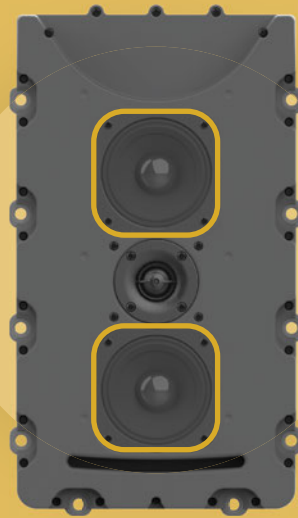
A room's layout can be changed, by adding furniture or adjusting orientation, without causing audio issues. Each HDX component includes accelerometers and gyroscopes that detect when they are moved to automatically trigger calibration. Benefit from real-time system configuration and optimized room coverage without the need to schedule a technician or take the room offline.

Noise suppression AI

HDX intelligently distinguishes between voices and background sounds, reducing pickup of disruptive room noises such as keyboard typing, paper rustling and chair scrapes. This feature is used with conferencing platforms that don't already include noise suppression.

Position-based gain control

The HDX system gain stays consistent for remote listeners, without the distraction of sudden jumps. HDX modifies gain according to the position of each sound source in the room. It can be used with an additional automatic gain control to compensate for soft talkers.



Full-range distributed audio

Rich, room-filling audio without complex tuning

Experience audio that spans the listening spectrum so everyone hears clearly — even in larger spaces. Whether users are conferencing with remote participants or sharing music and videos, HDX delivers evenly distributed sound so details are heard as intended everywhere in the room. The system intelligently adapts to provide voice clarity for meetings and immersive sound for multimedia.

What makes HDX different?

Full-range audio

HDX speakers deliver in-room audio across the entire listening range — from 120 Hz to 20 kHz. Two 4-inch drivers handle the middle and lower frequencies, which include most vocal and instrumental sounds, and a 1-inch tweeter focuses on the higher frequencies, producing clear, detailed highs.

Distributed audio

Each HDX configuration includes two or four audio bars placed around the space to deliver consistent sound levels everywhere in the room. A volume of 80 dB SPL can be delivered anywhere in a space. Also, the audio bars can be set up in stereo pairs, making them ideal for music playback and for conferencing spatial audio.

Subwoofer channel

A ¼" TRS out connection with crossover control provides a dedicated channel to enrich the in-room listening experience at lower frequencies.

Adaptive sound

The HDX speaker output intelligently and automatically adapts, with no need for specialized configuration or separate audio paths:

Mics active = Speech comes through clearly, with optimal echo cancellation and double talk performance.

Mics not active = The full frequency range is automatically opened up so music and videos sound great.



Adaptive Voice Lift

Subtly lift every voice without extra mics to manage

Lift voices across large classrooms and meeting spaces so everyone can hear each other, without the use of external microphones. With Adaptive Voice Lift, every talker in the room has their voice boosted by up to 6 dB — without any additional microphones. No one needs to shout to be heard, and conversations feel natural, even in loud spaces.

What makes HDX different?

No complex calculations

Unlike other systems that require setting up zones, HDX intelligently detects talkers wherever they are in the room. It isolates a voice, determines its location and then lifts it, with no need for PAG/NAG calculators or programming. With our low-latency audio, the voice is sent to the farthest speakers, making the talker sound like they're right there.

No external mic hassles

With Adaptive Voice Lift, there are no annoying delays when questions are asked by students in a lecture or by team members in a town hall. No one has to move to a microphone or pass around a handheld mic. They can speak naturally without disrupting the flow of the session, and people joining remotely hear clearly as well.

Works with UC&C platforms

HDX supports in-room voice lift and echo-free remote conferencing simultaneously, with no additional setup or configuration. It also automatically adapts to changes in room layout and conditions, minimizing the need for ongoing maintenance.

Built-in anti-feedback protection

When microphones hear loudspeakers in a space, they can get into a feedback loop. Our anti-feedback processor automatically stops these loops, allowing voice lift to deliver more gain throughout the space without user intervention.



Available only with the HDX
4 bar + 2 pod configuration



Adaptive Voice Amplification

Easy options for amplifying voices with external mics

Amplify a presenter's or instructor's voice in the room when they use an external mic, without affecting full-room mic pickup for remote participants. HDX is compatible with a range of external mics, which people can wear to have their voices broadcast through the HDX audio bars. At the same time, Microphone Mist technology ensures remote participants can hear questions and discussions from those not wearing a mic.

What makes HDX different?

Simultaneous support

Adaptive Voice Amplification supports in-room audio and conferencing simultaneously:

- In-room participants hear the amplified voice in every corner of the room.
- Remote participants hear everyone — those with a mic and those without.
- Audience mute can be turned on when only the amplified voice is needed.

Audience mute

Microphone pickup of the in-room audience can be easily suppressed if an instructor or presenter is the only voice you want remote callers to hear. It's easy to toggle audience mute off when it's time for questions or discussions.

Flexible options

HDX supports up to four amplified voices at once, with adjustable mixing.

Choose between five different microphone types: headset, lavalier, handheld, gooseneck or omnidirectional.

Advanced controls

The Nureva App makes it simple to set up and tune each microphone type across multiple inputs with advanced gain controls and microphone ducking.



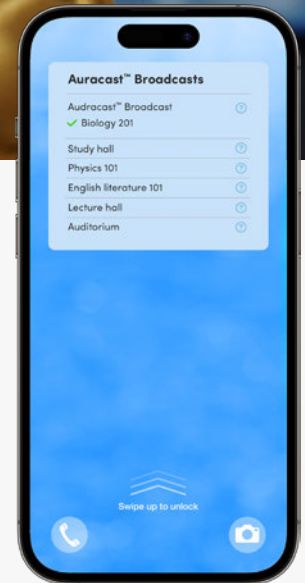


Assistive listening with Auracast broadcast audio



Built-in support that's always available

Ensure assistive listening is always available, with built-in Auracast broadcast audio over Bluetooth LE. There's no extra hardware or complexity, and participants can use their own devices. The HDX system hub comes with Bluetooth LE Audio, enabling one-to-many broadcasts. IT managers can configure Auracast broadcast audio in the Nureva App, including setting passwords and naming channels.



What makes HDX different?

Always-ready accessibility

With HDX, you can support inclusive experiences for all participants — without adding more hardware or hassle:

- No need for extra equipment or a complex setup. Everything you require is built in and can be easily configured with the included Nureva App.
- Auracast broadcast audio is compatible with participants' own devices — including hearing aids, headphones, earbuds and hearables.
- No pairing required — users can simply select the channel they need, enter the password (if enabled) and the audio will start playing to their device.

Easy for IT teams

The HDX series makes it easy for IT teams to securely support assistive listening requirements:

- Easy configuration with the Nureva App (included)
- Customizable channel names so they're simple for participants to discover and use
- AES-128-CCM passcode encryption to keep meetings and classes secure

More options

HDX also supports traditional assistive listening solutions like hearing loops through auxiliary inputs and outputs.



Divisible room automation

Simplified setup without extra hardware or programming

Get built-in divisible room support for spaces with movable dividers or walls — without the usual programming, hardware or setup headaches. HDX offers an elegant solution that is low maintenance and within budget. Whether you're splitting a large training room into two or creating a flexible multipurpose classroom, HDX keeps the audio sounding clear.

What makes HDX different?

Simple setup

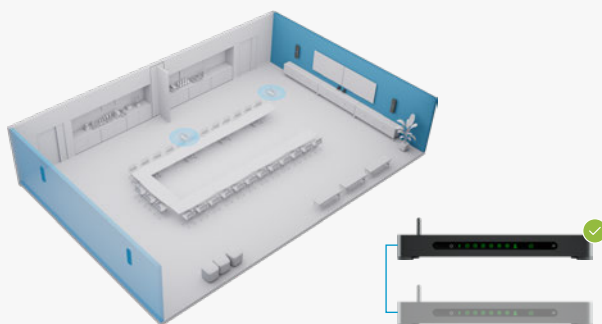
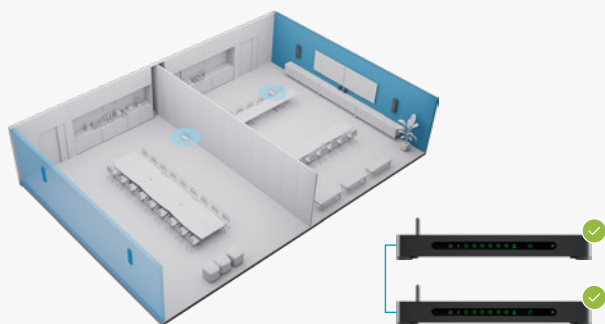
Fast, hassle-free setup in the Nureva App eliminates DSP programming and gets divisible rooms up and running in minutes. With single-cable connectivity and no additional hardware, equipping divisible rooms is a quick process.

Easy switching

It's easy to divide and combine your room audio using the Nureva App, included with every Nureva device.

Low maintenance

With automatic calibration, made possible by Microphone Mist technology, rooms adjust when they are divided and combined. There's no need to make manual changes to maintain consistent full-room mic coverage.





3D sound location data

Camera tracking and switching without complications

Make camera tracking and switching effortless with precise 3D sound location data — so those joining remotely always see who's talking. HDX works with a range of meeting room and classroom cameras to ensure remote participants always get the best view.



What makes HDX different?

Microphone Mist technology

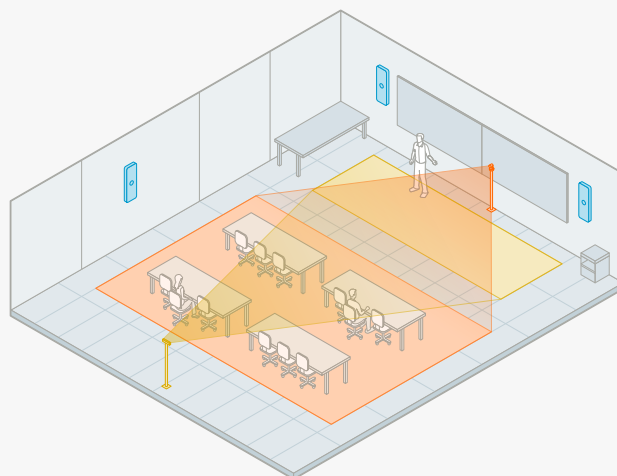
Our patented virtual microphones produce precise sound location data that can be harnessed to improve tracking and switching with cameras of any brand.

Improved accuracy

HDX generates precise XYZ sound location data, resulting in fewer missed cues and less need for manual camera control.

Camera zones

The HDX camera zones feature makes automated switching incredibly easy. You can mix and match brands — we work with everything — and set it all up in the Nureva App or Nureva Console. There's no need for additional software or specialized technical expertise.



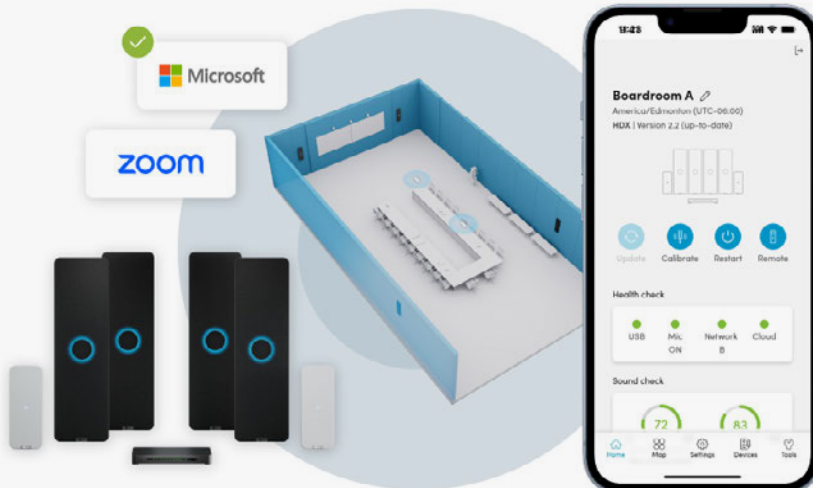
Easy is included

Every Nureva audio system comes with intuitive management and setup tools.

Nureva Console

Manage and monitor at scale

- Remotely install updates, adjust settings and more.
- Stay on top of everything with intelligent monitoring.
- Use analytics tools to make data-driven decisions.



Nureva App

Fast-track setup and configuration

- Use sound check to measure audio intelligibility.
- Tailor your audio system with intuitive settings.
- Access app over the LAN, USB or Bluetooth LE.



Microphone Mist™ technology

Patented innovation

With multiple patents from the US and EU patent and trademark offices, Microphone Mist technology is how we make mic pickup in larger rooms as easy as it is in smaller rooms. And with a track record of one innovation after another, it's always getting better.



Scalable AV for your meetings

The HDX audio series is ideal for a wide range of collaborative spaces up to 40' x 60' (12.2 x 18.3 m), including large meeting rooms, executive meeting rooms, divisible rooms and temporary spaces. Here are just a few room examples, but every space is different — and HDX is built to adapt.





Ideal for all types of learning

From multipurpose classrooms to training rooms and lecture halls, HDX increases participation and success for higher ed students and workplace learners. Explore your options for rooms up to 40' x 60' (12.2 x 18.3 m).



Less waste. More value.



Sustainable design

Our tech is built to continually offer new features — without the need for new hardware — extending its life cycle.



Renewable packaging

Our packaging is 99% paper and pulp, and we've shrunk it to reduce transportation and waste disposal costs.



Eco-friendly materials

Our components are made of 35% postconsumer plastics and 100% recyclable low-carbon aluminum.



Energy management

Our intuitive sleep modes reduce energy consumption by up to 75%, helping you to decrease your carbon footprint.

SPECIFICATIONS

General



Key features

- Full-room mic coverage with unified coverage map
- Continuous autocalibration
- Full-range distributed audio
- Adaptive Voice Lift
- Adaptive Voice Amplification
- Assistive listening with Auracast broadcast audio
- Divisible room automation
- 3D sound location data



Powered by
Microphone Mist™ technology

Interoperability

Plug and play compatibility with UC&C platforms including Microsoft® Teams, Zoom and Google Meet™

Easy integration with third-party solutions including cameras, hubs, lecture capture systems and external audio devices such as wireless microphones (for Adaptive Voice Amplification)

AVoIP enabled (coming soon): Supports advanced audio integrations using AES67 for AVoIP with 2x2 channels on the system to send or receive audio

Operating

Power rating: universal switching
100–240 V AC, 50–60 Hz

Operating power consumption:
up to 115 W

Operating temperature:
0° C to 40° C (32° F to 104° F)

Storage temperature:
–20° C to 60° C (–4° F to 140° F),
humidity 5–90% (noncondensing)

Sustainability

Sustainable design: Ongoing device updates add new features without the need for new hardware

Renewable packaging:
99% paper and pulp

Eco-friendly materials:
35% postconsumer plastics and 100% recyclable low-carbon aluminum

Energy management: Sleep modes that reduce energy consumption by up to 75%

Manageability

The HDX series includes Nureva Console, our cloud-based management platform, and the Nureva App, our intuitive setup app featuring acoustic check. Console Direct provides a continuous and secure connection to Nureva Console.

Console Direct security features:

Secure IoT OS and system software with device-specific X.509 certificates and external services encrypted using 256-bit Transport Layer Security (TLS)

Information security management system (ISMS) that is ISO/IEC 27001:2022 certified

Built with Microsoft Azure, all data at rest is encrypted using 256-bit AES encryption, and data in transit uses TLS 1.2

Auth0 by Okta for all identity and access management (IAM) services with OAuth2 protocols to identify and authorize users

Certifications

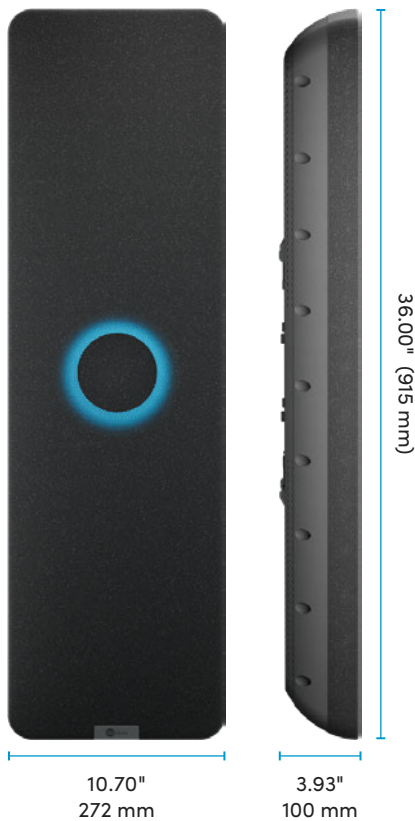
Electromagnetic: FCC Part 15, Class A; FCC Part 15.247; ICES-003, Class A; RSS-247; CISPR 32 (EN 55032), Class A; CISPR 35 (EN 55035); EN 300 328; EN 301 489-1

Safety: UL 62368; CAN/CSA-C22.2 NO.62368; IEC/EN 62368

Compliance: RoHS, REACH, POPs (Persistent Organic Pollutants), WEEE, California Proposition 65, EPA (TSCA – Toxic Substances Control Act) Restrictions

SPECIFICATIONS

Audio bar



Microphones

10 low-noise omnidirectional MEMS
Frequency response of 100 Hz to 10 kHz

Speakers

2 x 4" neodymium driver
30 W RMS and 60 W max
1 x 1" teteron dome tweeter
10 W RMS and 20 W max
Frequency range of 120 Hz to 20 kHz
Built-in amplifier and crossover
Vented speaker enclosure for
enhanced low-frequency response

Connections

RJ45 — for connection to system hub

Product dimensions

Width: 10.70" (272 mm)
Height: 36.00" (915 mm)
Depth: 3.93" (100 mm)
Weight: 16.3 lb. (7.4 kg) without bracket
17.4 lb. (7.9 kg) with bracket

Shipping dimensions

Width: 14.25" (362 mm)
Height: 8.74" (222 mm)
Depth: 38.66" (982 mm)
Weight: 22.5 lb. (10.2 kg)

Includes

Audio bar
Mounting bracket
Documentation

Warranty

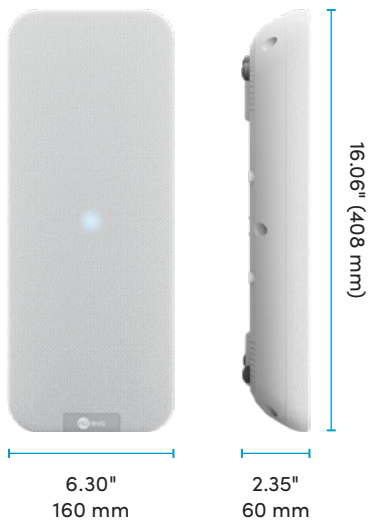
Audio bar — standard
2-year limited hardware
Accessories and cables — 30 days
Extended warranty available with
purchase of Nureva Pro extension

Part numbers

Black: **HDX-BAR-B**
White: **HDX-BAR-W**
Nureva Pro extension (1 year): **NP-1Y**
Nureva Pro extension (2 years): **NP-2Y**
Nureva Pro extension (3 years): **NP-3Y**

SPECIFICATIONS

Microphone pod



Microphones

10 low-noise omnidirectional MEMS
Frequency response of 100 Hz to 10 kHz

Connections

RJ45 — for connection to system hub

Product dimensions

Width: 6.30" (160 mm)
Height: 16.06" (408 mm)
Depth: 2.35" (60 mm)
Weight: 2.4 lb. (1.1 kg)

Shipping dimensions

Width: 14.96" (380 mm)
Height: 8.66" (220 mm)
Depth: 18.74" (476 mm)
Weight: 7.9 lb. (3.6 kg)

Includes

Microphone pod
Mounting bracket
2 T-bar clips
Documentation

Warranty

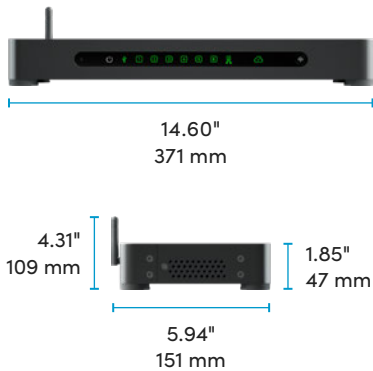
Microphone pod —
standard 2-year limited hardware
Accessories and cables — 30 days
Extended warranty available with
purchase of Nureva Pro extension

Part numbers

White: **HDX-POD**
Nureva Pro extension (1 year): **NP-1Y**
Nureva Pro extension (2 years): **NP-2Y**
Nureva Pro extension (3 years): **NP-3Y**

SPECIFICATIONS

System hub



Connections

6 connections to audio bars and microphone pods, RJ45

USB 2.0 interface to computer or collaboration hub, Type-C

Input jack for power supply

2 connections for Console Direct, LAN and AES67 2x2 AVoIP (coming soon), RJ45

4 analog audio input channels, balanced, Euroblock 3.5 mm pitch

2 analog audio output channels, balanced, Euroblock 3.5 mm pitch

Subwoofer connection, balanced, 1/4" jack

Bluetooth LE technology radio antenna

Integrated Auracast transmitter

Includes

System hub
Mounting bracket
Country-specific power cable
Power supply adapter
USB Type-C cable
USB-C to USB-A adapter
6 Euroblock connectors
Bluetooth antenna
Wireless remote
Documentation

Product dimensions

Width: 14.60" (371 mm)

Height: 4.31" (109 mm) antenna up
1.85" (47 mm) antenna down

Depth: 5.94" (151 mm)

Weight: 4.6 lb. (2.1 kg)

Shipping dimensions

Width: 14.96" (380 mm)

Height: 5.63" (143 mm)

Depth: 22.44" (570 mm)

Weight: 10.4 lb. (4.7 kg)

Warranty

System hub — standard 2-year limited hardware

Accessories and cables — 30 days

Extended warranty available with purchase of Nureva Pro extension

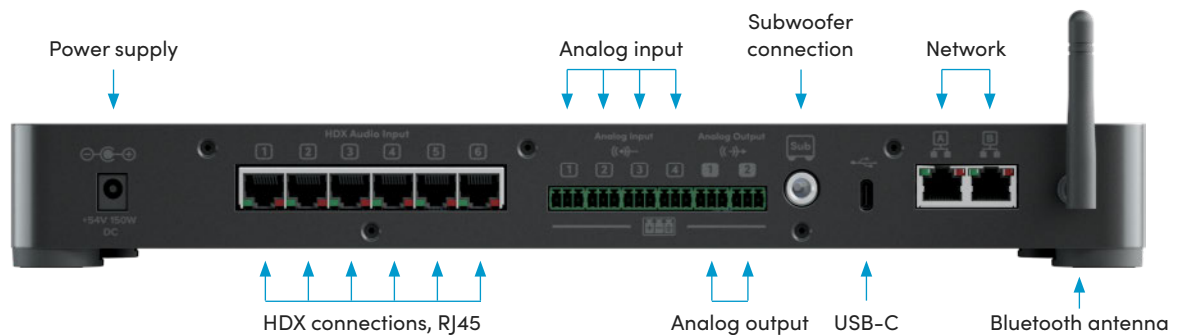
Part numbers

Black: **HDX-HUB**

Nureva Pro extension (1 year): **NP-1Y**

Nureva Pro extension (2 years): **NP-2Y**

Nureva Pro extension (3 years): **NP-3Y**





Get in touch

Find out more about the HDX series and get help selecting the right option for your space. You can also learn about our HDL line of audio conferencing products.

Contact us

Connect

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