



# HDL300 system

The Nureva® HDL300 is an integrated microphone and speaker bar that provides true full-room microphone coverage and rich, clear playback in any mid-size space up to 25' x 25' (7.6 x 7.6 m) – including meeting rooms, classrooms and flex and studio spaces.

## True full-room microphone coverage

Like all Nureva systems, the HDL300 is powered by patented Microphone Mist™ technology, which fills a space with thousands of virtual microphones. Just one HDL300 provides true full-room coverage – compare that to traditional systems that use multiple components and still may leave dead zones where people can't be heard. Continuous autocalibration means your audio is always optimized – no technician required – even if you change the room layout.

## Easy installation

Installing the HDL300 is an easy project that takes about 30 minutes. You hang the unit on the wall with two screws, run one cable to the connect module and another to a computer. Compare that to traditional multicomponent systems that may include choosing and installing multiple mics, speakers, cables and a DSP – a process that can take days and require outside technicians.

## Manage from anywhere

The HDL300 and all your Nureva audio conferencing systems can be managed from anywhere with Nureva Console – our secure cloud-based platform included with each system. Check device status, fine-tune audio settings, adjust the microphone pickup zone, activate voice amplification, update firmware and more. You can also access the Nureva Developer Toolkit – cloud-based APIs that let you create integrations for streamlining your workflows.

## Features

- **Intelligent Sound Targeting** stops virtual microphones from picking up persistent unwanted sounds like HVAC so remote callers get a better listening experience
- **Position-based gain control** applies gain separately to each sound in a space, resulting in a natural listening experience
- **Simultaneous pickup** processes all virtual mics simultaneously so conversations sound natural even if two people speak at the same time
- **Voice Amplification Mode** lets presenters use a headset mic to amplify their voice in the room while ensuring remote participants can also clearly hear on-site participants
- **Active Zone Control** allows you to designate a zone where microphone pickup is maintained while pickup in the rest of the space is reduced
- **Integrated processing** requires no separate DSP as all processing is integrated into the device



# HDL300 system – for room size up to 25' x 25' (7.6 x 7.6 m)

## HDL300

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### Technology features

Powerful onboard system processors  
Continuous autocalibration  
Acoustic echo cancellation  
Built-in sound masking  
Position-based gain control  
Primary audio source for video playback  
Single Ethernet cable to microphone and speaker bar  
Integrated, multicolor status LED

### Microphones

12 – low-noise omnidirectional MEMS  
Frequency response at 94 dB SPL  
100Hz to 7 kHz  
Total harmonic distortion (THD)  
0.25% (typical)

### Speakers

2 – 20W 4" aluminum cone  
Acoustic output (hardware capable)  
91 dB-SPL @ 1m  
Total harmonic distortion (THD) <3%

## Connect module

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- 1 – USB 2.0 interface to computer, type B
- 1 – Auxiliary out 3.5 mm single-ended stereo jack
- 1 – Auxiliary in 3.5 mm single-ended stereo jack
- 2 – Microphone and speaker bar RJ-45 jacks
- 1 – Input jack for power supply

## Interfaces

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- 1 – USB 2.0 interface to computer, type B
- 1 – Input jack for power supply

## Interoperability

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Plug and play compatibility with UC&C platforms including Microsoft® Teams, Zoom, Google Meet™, GoToMeeting®, Cisco Webex®, Blue Jeans , StarLeaf, Lifesize, RingCentral, Fuze Rooms and more



Easy integration with third-party solutions such as Barco ClickShare, lecture capture systems and headset microphones with Voice Amplification Mode

## Operating

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### Operating system

Windows® 8 and 10  
Mac® OS X® 10 and 11  
(Big Sur and Catalina)

### Power

Power rating: universal switching  
100-240V AC, 50-60Hz  
Power consumption: standby <2.5W  
operational <25W

### Environmental

Operating temperature:  
0° C to 40° C (32° F to 104° F)  
Storage temperature:  
-20° C to 70° C (-4° F to 158° F),  
humidity 5–90% (noncondensing)

## Manageability

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Automatic firmware updates  
Remote management features available through cloud-based Nureva Console

## Certifications and compatibility

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### Electromagnetic

FCC Part 15, Class A; ICES-003, Class A;  
CISPR 32 (EN55032), Class A; CISPR 35  
(EN55035); CISPR24 (EN55024)

### Safety

UL 62368; CAN/CSA-C22.2 NO.62368;  
IEC/EN62368; AS/NZS 62368; UL 60950;  
CAN/CSA-C22.2 NO.60950; IEC/EN60950;  
AS/NZS 60950

### Compliance

RoHS, REACH, PoP (Persistent Organic  
Pollutants), WEEE compliance, California  
Proposition 65, EPA (TSCA-Toxic Substances  
Control Act) Restrictions

## Dimensions

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### HDL300

Width: 60.0" (152.4 cm)  
Height: 5.91" (14.9 cm)  
Depth: 3.5" (9.0 cm)  
Weight: 18.0 lb. (8.2 kg)

### Connect module

Width: 6.5" (16.5 cm)  
Height: 1.41" (3.6 cm)  
Depth: 4.31" (10.9 cm)  
Weight: 1.5 lb. (0.7 kg)

### Shipping

Width: 64.75" (164.4 cm)  
Height: 10.63" (27.0 cm)  
Depth: 9.5" (24.1 cm)  
Weight: 24.0 lb. (10.9 kg)

## **HDL300 system** – for room size up to 25' x 25' (7.6 x 7.6 m)

### **System includes**

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Integrated microphone and speaker bar  
Connect module, white  
Connect module mounting bracket, white  
Country specific, power cable 6' (2.5 m), black  
Ethernet cable, CAT6 SFTP, 50' (15 m), Class 3 rated, black  
USB Type A-B cable, 10' (3 m), VW-1 rated, black  
Infrared remote with 2 AAA batteries  
Documentation

### **Warranty**

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Integrated microphone and speaker bar and connect module – Standard 2-year limited hardware  
Accessories and cables – 30 days  
Enhanced services and extended warranties are available through Nureva Pro subscriptions.

### **Part numbers**

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Black: **HDL300-B**

White: **HDL300-W**

Nureva Pro subscription (3 year): **NP-3Y**

Nureva Pro subscription (5 year): **NP-5Y**



# We are Nureva

We believe that amazing things happen when people come together. They imagine greater possibilities, create better solutions and find greater joy in how they work and learn. It's why we create and support truly original solutions that make it astonishingly easy for our customers to connect and collaborate no matter where they are.

## Connect

**Nureva Inc.**

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