



## HDL SERIES

# Nureva® HDL300 system

The HDL300 system is an integrated microphone and speaker bar that provides true full-room microphone coverage and rich, clear playback in large spaces 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 task that takes about 30 minutes. You hang the unit on the wall with two screws, run one cable to the connect module and then 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 devices can be managed from anywhere with Nureva Console – our secure cloud-based platform included with each system. Use it to remotely install updates, check device status, analyze room data, access developer APIs and more. You also get 2 years of our Nureva Pro service plan, which includes expanded support hours, advance hardware replacement and enhanced Nureva Console features.

## Features

- **Intelligent Sound Targeting** uses adaptive learning algorithms to preemptively ignore persistent unwanted sounds like HVAC.
- **Position-based gain control** applies gain separately to each sound, which enables specific optimizations that create a natural listening experience.
- **Simultaneous processing** of all virtual microphones ensures that conversations sound natural even when more than one person is speaking at the same time.
- **Adaptive Voice Amplification** helps in-room participants hear clearly without diminishing the remote audio experience.
- **Camera tracking** enables the use of precise sound location data to steer and switch third-party cameras.
- **Integrated processing** requires no separate DSP as all processing is integrated into the system.



# 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  
Position-based gain control  
Acoustic echo cancellation  
Built-in sound masking  
Ethernet cable to microphone and speaker bar  
Primary audio source for video playback  
Integrated, multicolor status LED

### Microphones

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

### Speakers

2 x 20 W 4" aluminum cone  
Total harmonic distortion (THD)  
0.25% (typical)

## Connect module

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USB 2.0 interface to computer, type B  
Auxiliary out – 3.5 mm single-ended stereo jack  
Auxiliary in – 3.5 mm single-ended stereo jack  
2 connections to microphone and speaker bar RJ45  
Input jack for power supply

## Interoperability

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Plug and play compatibility with UC&C platforms including Microsoft® Teams, Zoom, Google Meet™, GoTo Meeting, Cisco Webex®, BlueJeans, Lifesize®, RingCentral Meetings™ and more



Easy integration with third-party solutions such as cameras, displays, lecture capture systems, external speakers and headset microphones (for Adaptive Voice Amplification)

## Operating

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### System requirements

Windows® 10 and 11  
macOS® 10 and 11  
(Big Sur and Catalina)

### Power

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

### 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 (EN 55032), Class A; CISPR 35  
(EN 55035); CISPR 24 (EN 55024)

### Safety

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

### Compliance

RoHS, REACH, POPs (Persistent Organic Pollutants), WEEE, 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  
Extended warranty available with  
purchase of Nureva Pro extension

## Part numbers

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Black: **HDL300-B**

White: **HDL300-W**

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

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

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

# 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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