

**HDL SERIES** 

# Nureva® HDL300 system

The HDL300 audio conferencing system is an integrated microphone and speaker bar. It provides true full-room microphone coverage and rich, clear playback in large spaces up to 25'  $\times$  25' (7.6  $\times$  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 mic 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.

### Tools to set up, manage and customize

The HDL300 includes software and services designed to keep your rooms running smoothly. Nureva Console helps you manage and monitor your devices at scale from a secure, cloud-based platform. The Nureva App makes it simple to set up and configure your HDL300. The Nureva Developer Toolkit includes cloud-based APIs. And every device comes with 2 years of Nureva Pro, which offers 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.
- Rapid conversation tracking quickly switches mic pickup from talker to talker, no matter where they are in the room, so conversations always sound natural.
- 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 rooms up to $25' \times 25' (7.6 \times 7.6 \text{ m})$

### **HDL300**

### **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

### Microphones

12 low-noise omnidirectional MEMS Frequency response at 94 dB SPL 100 Hz to 7 kHz

Integrated, multicolor status LED

Total harmonic distortion (THD) 0.25% (typical)

### **Speakers**

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

### **Connect module**

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

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**

### System requirements

Windows® 10 and 11

#### 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:  $-20^{\circ}~C~to~70^{\circ}~C~(-4^{\circ}~F~to~158^{\circ}~F),$  humidity 5–90% (noncondensing)

# **Manageability**

Automatic device updates

Remote management features available through cloud-based Nureva Console

# Certifications and compatibility

### 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**

#### 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 rooms up to $25' \times 25' (7.6 \times 7.6 \text{ m})$

# **System includes**

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 SSTP, 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

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**

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

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Book a live demo

**Contact sales** 

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