

# Nureva™ HDL300 audio conferencing system

## Ideal for Zoom Rooms and Microsoft® Teams

### Plays nice with the platforms you work with

Our collaboration ecosystem keeps growing: Zoom has designated the HDL300 system as recommended hardware. And the HDL300 meets Microsoft audio requirements, is compatible with the MS Teams video conferencing interface and will support call sync status. The HDL300 also supports Microsoft Surface™ Hub, Skype® for Business, Intel Unite®, Cisco WebEx™, Dante®, GoToMeeting™, StarLeaf, BlueJeans and more.

### Thousands of virtual microphones

At the heart of the HDL300 audio conferencing system is Nureva's revolutionary Microphone Mist™ technology. It surpasses traditional audio conferencing technologies, filling a space with thousands of virtual microphones to provide true full-room pickup. For the first time, meeting participants can be heard no matter where they move in the room or which direction they face.

### One simple solution

The HDL300 system was designed for simplicity. You can install it yourself in less than 30 minutes. It also autocalibrates so no technician is needed for set up. Plug-and-play connectivity to virtually all UC&C platforms means there are no drivers to install. And the HDL300 hangs on the wall to keep the tabletop free of clutter for a more inviting and productive workspace.

### New: Active Zone Control – a presentation audio breakthrough

Active Zone Control lets you easily adjust the pickup zone in a room to give preference to the voice of a presenter or lecturer while suppressing the sounds from the rest of the room. It makes the hassles of headsets and fixed and lapel microphones a thing of the past and is ideal for lesson capture and meetings in open-space offices.

### New: Intelligent sound targeting – eliminating unwanted sounds

HVAC and other unwanted sounds can seriously affect conference call audio. Using adaptive learning algorithms, intelligent sound targeting identifies and learns unwanted sounds and simply stops picking them up.

*“The Nureva HDL300 system has a remarkable ability to pick up the voices of meeting participants wherever they are in the room.”*

– **Chris DeNovellis**, Zoom partnerships development manager



### Designed for mid-size spaces

Up to 25' by 25' (7.6 x 7.6 m)

### 8,192 virtual microphones

They fill the room, so there's always one close by

### Advanced system processing capabilities

Running at 15,000 MIPS, the system simultaneously processes all 8,192 microphones. There's no latency due to scanning or refocusing of microphones.

### Autocalibration

Continuously adapts to new room configurations and dynamics

### Plug and play

Recognized as a standard USB device. No drivers needed.

### Advanced audio

Full duplex, acoustic echo cancellation, automatic gain control

### Wall-mount installation

A simple install. No tabletop clutter or noise.

### Automatic upgrades

Nureva Room Manager provides automatic updates and lets you customize your audio settings

### Budget friendly

The HDL300 costs far less than most installed systems

**GENERAL**

Powerful system processors capable of executing 15,000 MIPS  
 Continuous autocalibration  
 Acoustic echo cancellation  
 Built-in sound masking  
 Position-based automatic gain control (AGC)  
 Plug and play, no software or drivers required  
 Integrated, multicolor status LED  
 Compatible with leading UC&C platforms  
 Single cable, power over Ethernet  
 Primary audio source for video playback

**MICROPHONES**

Number	12
Type	Low-noise omnidirectional MEMS
Frequency response	100Hz to 5 kHz
Total harmonic distortion (THD)	0.25% (typical)
Transmission	Full duplex

**SPEAKERS**

Number	20W x2
Type	4" aluminum cone
Acoustic output (hardware capable)	91 dB-SPL @ 1 m
Total harmonic distortion (THD)	<3%
Frequency response	50Hz to 16 kHz
Amplifier class	Class D

**CONNECT MODULE**

Interface to computer	USB type B 2.0 x1
Auxiliary out	3.5 mm single-ended stereo jack x1
Auxiliary in	3.5 mm single-ended stereo jack x1
Connection to speaker and microphone bar	RJ-45 x2

**OPERATING**

Room size	Up to 25' x 25' (7.6 x 7.6 m)
Operating systems	Windows® 7, Windows 8, Windows 10, Mac OS X
System setup	Plug and play

**PART NUMBERS**

HDL300-B, HDL300 audio conferencing system, black bar  
 HDL300-W, HDL300 audio conferencing system, white bar

**SYSTEM INCLUDES**

Integrated microphone and speaker bar  
 Connect module, white  
 Connect module mounting bracket  
 Country specific, power cable 6' (2 m), black  
 Ethernet cable, CAT6 SSTP, 50' (15 m), Class 3 rated, black  
 USB Type A-B cable, 6' (2 m), VW-1 rated, black  
 Infrared remote  
 AAA batteries x2  
 Documentation kit

**POWER**

Power rating	Universal switching 100-240V AC, 50-60Hz
Power consumption	Standby <2.5W Operational <25W

**ENVIRONMENTAL**

System temperature	0° C to 40° C (32° F to 104° F) operating temperature, -20° C to 70° C (-4° F to 158° F) storage temperature, humidity 5–90% (noncondensing)
--------------------	--

**WEIGHTS**

Integrated microphone and speaker bar	18.0 lb. (8.2 kg)
Connect module	1.5 lb. (0.7 kg)
Shipping	28.0 lb. (12.7 kg)

**DIMENSIONS**

Integrated microphone and speaker bar	Width: 60.0" (152.4 cm) Height: 5.91" (14.9 cm) Depth: 3.5" (9.0 cm)
Connect module	Width: 6.5" (16.5 cm) Height: 1.41" (3.6 cm) Depth: 4.31" (10.9 cm)
Shipping	Width: 64.75" (164.4 cm) Height: 10.63" (27.0 cm) Depth: 9.5" (24.1 cm)

**CERTIFICATIONS**

Electromagnetic compatibility	FCC Part 15, Class A ICES-003, Class A, CISPR 32 (EN55032), Class A CISPR 24 (EN55024)
Safety	UL 60950, CAN/CSA-C22.2 NO. 60950, IEC/EN60950, AS/NZS 60950
Environmental	RoHS, WEEE, REACH

**WARRANTY**

2-year limited – microphone and speaker bar and connect module  
 30 days – accessories

**For more information****Contact us**

**Nureva Inc.**  
 Tel. 403.699.9781  
 sales@nureva.com  
 enquiries@nureva.com