Nureva™ HDL300 audio conferencing system
Ideal for Zoom Rooms

Talk about easy – add the HDL300 system to your Zoom Room configuration for the best in audio performance. Seated, standing or walking around – no restrictions mean that your teams work the way that best suits them and their tasks. It installs on the wall in minutes for a clean, uncluttered aesthetic. And plug-and-play connectivity and autocalibration mean that set up is simple.

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.

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.

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.

Great together

So, if easy and great matter, pair the HDL300 with your Zoom Rooms software so your teams can do their best work every day.

> *"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

nureva™

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	O° 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

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