

Nureva™ Dual 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 Dual HDL300 audio conferencing system is Nureva's revolutionary Microphone Mist™ technology. Surpassing traditional audio conferencing technologies, the Dual HDL300 system's two microphone and speaker bars fill a space with thousands of virtual microphones to provide true full-room pickup. For the first time, meeting participants in large rooms can be heard no matter where they move in the room or which direction they face.

One simple solution

The Dual HDL300 may be the simplest audio conferencing system ever for large rooms. You can install the two microphone and speaker bars yourself in less than 60 minutes. The Dual HDL300 system also autocalibrates and has plug-and-play connectivity to all UC&C platforms – there are no drivers to install. And the Dual HDL300 units hang on the wall, so tabletops are free of clutter for a more inviting and productive meeting space.

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 large spaces

Up to 30' by 50' (9.1 x 15.2 m)

16,384 virtual microphones

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

Advanced system processing capabilities

Running at 25,000+ MIPS, the system simultaneously processes all 16,384 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 Dual HDL300 costs far less than installed, multicomponent systems for large rooms

GENERAL

Powerful system processors capable of executing 25,000+ 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 (to each microphone and speaker bar)
 Primary audio source for video playback

MICROPHONES

Number	24 (12 per integrated microphone and speaker bar)
Type	Low-noise omnidirectional MEMS
Frequency response	100Hz to 5 kHz
Total harmonic distortion (THD)	0.25% (typical)
Transmission	Full duplex

SPEAKERS

Number	20W x4 (2 per integrated microphone and speaker bar)
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 30' x 50' (9.1 x 15.2 m)
Operating systems	Windows® 7, Windows 8, Windows 10, Mac OS X
System setup	Plug and play

PART NUMBERS

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

SYSTEM INCLUDES

Integrated microphone and speaker bar x2
 Connect module, white
 Connect module mounting bracket
 Country specific, power cable 6' (2 m), black
 Ethernet cable, CAT6 SFTP, 50' (15 m), Class 3 rated, black x2
 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 <50W

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)
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WEIGHTS

Integrated microphone and speaker bar (each)	18.0 lb. (8.2 kg)
Connect module	1.5 lb. (0.7 kg)
Shipping	51.0 lb. (23.1 kg)

DIMENSIONS

Integrated microphone and speaker bar (each)	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 bars and connect module
 30 days – accessories

For more information**Contact us**

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