

# Nureva™ Dual HDL300 audio conferencing system

## Ideal for large spaces

Trust the Dual HDL300 system to deliver the best in audio performance for your large spaces. 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 less than 2 hours for a clean, uncluttered aesthetic. And its plug-and-play connectivity and autocalibration mean that setup is simple.

### 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 2 hours. 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.

### 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 reducing pickup of 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 unwanted sounds and simply stops picking them up.

*“We were so impressed with the sound quality, ease of install and ease of use of the HDL300 system, it was a no brainer for us to adopt it.”*

– **Jimmy Yan**, principal collaboration engineer, HubSpot



#### Designed for large spaces

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

#### 16,384 virtual microphones

They fill the space providing full-room coverage

#### Advanced system processing

Running at 25,000+ MIPS, the system simultaneously processes all 16,384 microphones.

#### Compatible with UC&C platforms

Zoom, Microsoft® Teams, Skype® for Business, GoToMeeting®, Cisco WebEx™, StarLeaf and more

#### Continuous autocalibration

Adapts to room configurations dynamically

#### Plug and play

Recognized as a standard USB device.  
No drivers needed.

#### Advanced audio

Acoustic echo cancellation, position-based gain control

#### Wall-mount installation

A simple install. No tabletop clutter or noise.

#### Nureva Console

Manage products from anywhere. Automatic firmware updates. Additional year of warranty upon enrollment.

#### 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 gain control  
 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	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**

Integrated microphone and speaker bar and connect module – Standard 2-year limited hardware (3 years with enrollment)  
 Accessories and cables – 30 days

**For more information**

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