

# 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 minutes 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 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.

### 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.

*“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 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.

#### Compatible with UC&C platforms

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

#### 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 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 <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)
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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 (3 years with registration) – microphone and speaker bar and connect module. 30 days – accessories.

**For more information****Nureva Inc.**

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