

Nureva™ HDL300 audio conferencing system

Ideal for mid-size spaces

Trust the HDL300 system to deliver the best in audio performance for your small to mid-sized 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 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 an hour. 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 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 mid-size spaces

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

8,192 virtual microphones

They fill the space providing full-room coverage

Advanced system processing

Running at 15,000 MIPS, the system simultaneously processes all 8,192 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 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 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
 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	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 SFTP, 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)
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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

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

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

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)

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Environmental	RoHS, WEEE, REACH

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