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 auto calibrates 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 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

nureva®

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)
Intelligent sound targeting
Plug and play, no software or drivers required
Integrated, multicolour 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) at 94dBSPL	0.25% (typical)

SPEAKERS

Number	20W x4 (2 per integrated microphone and speaker bar)
Type	4" aluminium cone
Acoustic output (hardware capable)	91 dB-SPL @ 1 m
Frequency response	50Hz to 16 kHz
Amplifier class	D

CONNECT MODULE

Interface to computer	Single USB 2.0, type B
Auxiliary out	3.5 mm single-ended stereo jack x1
Auxiliary in	3.5 mm single-ended stereo jack x1
Connection to microphone and speaker 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® 10.14 and 10.15 (Mojave and Catalina)
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' (2.5 m), black
Ethernet cable, CAT6 SSTP, 50' (15 m), Class 3 rated, black x2
USB Type A-B cable, 6' (3 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)

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

Rapid Technologies
Tel. 0800 195 0938
sales@rapid.co.uk

RAPID
TECHNOLOGIES

nureva®