Dual HDL300 system

The Dual HDL300 system is comprised of two integrated microphone and speaker bars that provide true full-room microphone coverage and rich, clear playback in any large space up to 30' x 50' (9.1 x 15.2 m) – including large meeting rooms, classrooms, flex spaces and more.

True full-room microphone coverage

Like all Nureva® systems, the Dual HDL300 is powered by patented Microphone Mist™ technology, which fills a space with thousands of virtual microphones. Just two integrated microphone and speaker bars provide true full-room coverage – compare that to traditional systems that use multiple components and still may leave dead zones where people can't be heard. Continuous autocalibration means your audio is always optimized – no technician required – even if you change the room layout.

DIY installation

Installing the Dual HDL300 is an easy DIY project that takes about 60 minutes. You hang each unit on the wall with two screws, run one cable from each unit to the connect module and another to a computer. Compare that to traditional systems for large spaces that may include choosing and installing multiple mics, speakers, cables and a DSP – a process that can take days and require outside technicians.

Manage from anywhere

The Dual HDL300, and all your Nureva audio conferencing systems, can be managed from anywhere with Nureva Console – our secure cloud-based platform included with each system. Check device status, fine-tune audio settings, adjust the microphone pickup zone, activate voice amplification, update firmware and more. You can also access the Nureva Developer Toolkit – cloud-based APIs that let you create integrations for streamlining your workflows.

Features

- **Intelligent Sound Targeting** stops virtual microphones from picking up persistent unwanted sounds like HVAC so remote callers get a better listening experience

- **Position-based gain control** applies gain separately to each sound in a space, resulting in a natural listening experience

- **Simultaneous pickup** – processes all virtual mics simultaneously so conversations sound natural even if two people speak at the same time

- **Voice Amplification Mode** lets presenters use a headset mic to amplify their voice in the room while ensuring remote participants can also clearly hear on-site participants

- **Active Zone Control** allows you to designate a zone where microphone pickup is maintained while pickup in the rest of the space is reduced

- **Integrated processing** requires no separate DSP as all processing is integrated into the device

Powered by
Micophone Mist™ technology

Dual HDL300 system – for room size up to 30' x 50' (9.1 x 15.2 m)

Dual HDL300

Technology features

Powerful onboard system processors
Continuous autocalibration
Acoustic echo cancellation
Built-in sound masking
Position-based gain control
Primary audio source for video playback
Power over Ethernet cables to each
microphone and speaker bar
Integrated, multicolor status LED

Microphones

12 - low-noise omnidirectional MEMS
(each microphone and speaker bar)

Frequency response at 94 dB SPL
100Hz to 7 kHz

Total harmonic distortion (THD)
0.25% (typical)

Speakers

2 - 20W 4" aluminum cone
(each microphone and speaker bar)

Acoustic output (hardware capable)
91 dB-SPL @ 1m

Total harmonic distortion (THD) <3%

Connect module

1 - USB 2.0 interface to computer, type B

1 - Auxiliary out 3.5 mm single-ended
stereo jack

1 - Auxiliary in 3.5 mm single-ended
stereo jack

2 - Microphone and speaker bar
RJ-45 jacks

1 - Input jack for power supply

Interoperability

Plug and play compatibility with UC&C
platforms including Microsoft® Teams,
Zoom, Google Meet™, GoToMeeting®,
Cisco Webex®, Blue Jeans , StarLeaf,
Lifesize, RingCentral, Fuze Rooms and
more

Easy integration with third-party solutions
such as Barco ClickShare, lecture capture
systems and headset microphones with
Voice Amplification Mode

Operating

Operating system

Windows® 8 and 10

Mac® OS X® 10 and 11
(Big Sur and Catalina)

Power

Power rating: universal switching
100–240V AC, 50–60Hz

Power consumption: standby <2.5W
operational <25W

Environmental

Operating temperature:
0° C to 40° C (32° F to 104° F)

Storage temperature:
–20° C to 70° C (–4° F to 158° F),
humidity 5–90% (noncondensing)

Manageability

Automatic firmware updates

Remote management features available
through cloud-based Nureva Console

Certifications and compatibility

Electromagnetic

FCC Part 15, Class A; ICES-003, Class A;
CISPR 32 (EN55032), Class A; CISPR 35
(EN55035); CISPR24 (EN55024)

Safety

UL 62368; CAN/CSA-C22.2 NO.62368;
IEC/EN62368; AS/NZS 62368; UL 60950;
CAN/CSA-C22.2 NO.60950; IEC/EN60950;
AS/NZS 60950

Compliance

RoHS, REACH, PoP (Persistent Organic
Pollutants), WEEE compliance, California
Proposition 65, EPA (TSCA-Toxic Substances
Control Act) Restrictions

Dimensions

HDL300 (each)

Width: 60.0" (152.4 cm)
Height: 5.91" (14.9 cm)
Depth: 3.5" (9.0 cm)
Weight: 18.0 lb. (8.2 kg)

Connect module

Width: 6.5" (16.5 cm)
Height: 1.41" (3.6 cm)
Depth: 4.31" (10.9 cm)
Weight: 1.5 lb. (0.7 kg)

Shipping (box one)

Width: 64.75" (164.4 cm)
Height: 10.63" (27.0 cm)
Depth: 9.5" (24.1 cm)
Weight: 24.0 lb. (10.9 kg)

Shipping (box two)

Width: 64.75" (164.4 cm)
Height: 10.63" (27.0 cm)
Depth: 9.5" (24.1 cm)
Weight: 22.0 lb. (10.0 kg)

Dual HDL300 system – for room size up to 30' x 50' (9.1 x 15.2 m)

System includes

The Dual HDL300 ships in two boxes.

Box one

Integrated microphone and speaker bar

Connect module, white

Connect module mounting bracket, white

Country specific, power cable 6' (2.5 m), black

Ethernet cable, CAT6 SSTP, 50' (15 m), Class 3 rated, black

USB Type A–B cable, 10' (3 m), VW–1 rated, black

Infrared remote with 2 AAA batteries

Documentation

Box two

Integrated microphone and speaker bar

Ethernet cable, CAT6 SSTP, 50' (15 m), Class 3 rated, black

Warranty

Integrated microphone and speaker bar and connect module – Standard 2-year limited hardware

Accessories and cables – 30 days

Enhanced services and extended warranties are available through Nureva Pro subscriptions.

Part numbers

Black: **DUAL HDL300–B**
White: **DUAL HDL300–W**
Nureva Pro subscription (3 year): **NP–3Y**
Nureva Pro subscription (5 year): **NP–5Y**

We are Nureva

We believe that amazing things happen when people come together. They imagine greater possibilities, create better solutions and find greater joy in how they work and learn. It's why we create and support truly original solutions that make it astonishingly easy for our customers to connect and collaborate no matter where they are.

Connect

Nureva Inc.
sales@nureva.com
1.403.699.9781

Book a live demo   **Contact sales**