

ASX MARKET RELEASE

Nuheara launches next generation IQbuds

5 January 2020 – Las Vegas, United States

Nuheara Limited (**ASX: NUH**) (**Company** or **Nuheara**), transforming the way people hear by creating smart hearing solutions that are accessible and affordable, is pleased to announce that it has launched its next generation of hearable technology: IQbuds² MAX.

Built on Nuheara’s innovative new smart-hearing platform, the IQbuds² MAX feature hybrid Active Noise Cancellation and unique features for personalising and enhancing the wearer’s soundscape. The IQbuds² MAX hearing buds are available for pre-order today at www.nuheara.com/iqbuds-max and will commence shipping in March for AUD\$499.

Nuheara redesigned the IQbuds² MAX from the ground up with its latest acoustic technology, which enhances normal hearing and allows users to fine-tune their sound environment. Nuheara’s EarID™ technology and Speech in Noise Control (SINC) provides wearers with unrivaled customisation and control over their personal hearing experience, so they can enjoy music, phone calls, conversations or silence wherever they go.



Figure 1: IQbuds² MAX with charging case

“We made several hardware and software breakthroughs this year that enabled us to bring IQbuds² MAX out sooner than expected,” said Justin Miller, CEO of Nuheara.

“We’ve incorporated major engineering enhancements, such as better drivers for improved sonic accuracy and design features that fit more processing power into a comfortable earbud. These are the best smart-hearing earbuds available today.”

Significant IQbuds² MAX developments from the previous platform include:

- **True Personalisation** — Nuheara’s EarID™ technology uses a convenient mobile app to assess a wearer’s hearing and automatically calibrate the buds to their personal hearing profile. EarID uses the clinically-validated NAL-NL2 hearing and fitting procedure, providing research-grade hearing customisation without the need to visit audiology specialists.
- **Hybrid Active Noise Cancellation** — With the most advanced form of ANC, IQbuds² MAX uses three microphones to analyse and process sounds both inside and outside the ear.
- **Situational Sound** — Nuheara’s proprietary Speech in Noise Control (SINC) adds unique sound controls for each situation.
- **Advanced Digital Signal Processing** — IQbuds² MAX triple-core DSP system delivers optimal hearing fidelity and reduces occlusion to deliver the most natural enhanced sound ever in a hearing bud.
- **Sonic Accuracy** — A large 9.2mm dynamic driver with vented acoustical design provides pitch-perfect sound fidelity.

IQbuds² MAX replace the previously announced IQbuds MAX, offering superior performance from Nuheara’s new technical platform. IQbuds BOOST is retained within the Nuheara product range with a revised Recommended Retail Price (RRP) of AUD\$379.

Nuheara will demonstrate the IQbuds² MAX for the first time in Las Vegas at CES Unveiled, January 5, 2019, and in the Sands Expo Booth #44743.

-ENDS-

This announcement has been approved for release by Nuheara Managing Director & CEO, Mr Justin Miller.

CONTACTS

Media and Investor Relations:

Shane Murphy, FTI Consulting

Office: +61 8 9321 8533

email: shane.murphy@fticonsulting.com

Mobile: +61 420 945 291


ABOUT NUHEARA

Nuheara is a global leader in smart personal hearing devices which change people's lives by enhancing the power to hear. Nuheara has developed proprietary and multi-functional intelligent hearing technology that augments a person's hearing and facilitates cable free connection to smart devices. Nuheara is based in Perth, Australia and has an office in New York, USA. Nuheara was the first consumer wearables technology company to be listed on the Australian Stock Exchange (ASX).

In 2016, the Company released its revolutionary wireless earbuds, IQbuds™, which allow consumers to augment their hearing according to their personal hearing preferences and connect hands free with their voice-enabled smart devices. Nuheara products are now sold in major consumer electronics retailers, professional hearing clinics and optical chains around the world.

The Company's mission is to transform the way people hear by creating smart hearing solutions that are both accessible and affordable.

Learn more about Nuheara: www.nuheara.com



The world's most
advanced hearing bud

EAR ID PERSONALIZATION

Allows you to assess your hearing and calibrate the buds to your personal hearing profile.

ACTIVE NOISE CANCELLATION (ANC)

Delivers unrivalled level of noise cancellation with both passive and Hybrid Active Noise Cancellation.

SPEECH IN NOISE CONTROL (SINC)

SINC feature helps you to hear conversations better by turning down noise in a noisy environment.

DIRECTIONAL FOCUS

Focus uses audio beam forming technology to isolate and enhance sounds directly in front of you.

WORLD BLEND

Blend the perfect amount of world noise with the dynamic world control feature.

HEAR TV BETTER

IQbuds2 MAX with IQstream TV allows you to control your own personal TV audio volume

KEY FEATURES

Processing Channels	12
WDRC	Yes
Feedback Management	Yes
Battery	Built-in rechargeable
Programs	7 via app, 4 stored on device Program change via app or programmable ear bud tap control
Noise Reduction World Control	Hybrid Active Noise Cancellation Yes, turn microphones on / off
iOS and Android App	Yes
Volume Control	Yes via App
Hearing Augmentation	Noise Control - Super Intelligent Noise Control World Sound Equalisation - World EQ Directional Sound Control - Focus
Self-Setup & Personalisation	Yes via App (Ear ID)
Phone Call Processing	4-microphone phone call voice pickup
Low Battery alarm	Yes - spoken prompt
Discharge time	Music streaming playback time: 5 hours Hearing processing time music streaming: 8 hours
App Compatibility	iOS 9 or greater Android version 5 or greater
Hands-free Calling	Yes, wideband on supported devices
Music Streaming	Yes, SBC and AptX Low Latency CODECs

FITTING AND PROGRAMMING

Nuheara IQbuds App	Ear ID user driven fitting and programming via IQbuds app
Fitting Formula	NAL-NL2
Ear ID assessment frequencies	500Hz, 1000Hz, 2000Hz, 3000Hz, 4000Hz, 6000Hz
Ear ID assessment range	20 - 70dB
Ear tips included	3 pairs silicone reusable 3 pairs Comply memory foam
Fit type	Vented

WIRELESS CONNECTIVITY

Bluetooth compatible	Yes, version 5.0
Bluetooth Phone Call Compatible	Yes
Bluetooth Music Stream Compatible	Yes
Bluetooth TV Stream Compatible	Yes, with additional accessory IQstream TV
Bluetooth Voice Assistant Access	Yes, Siri and Google Now with compatible devices
Dust and weather protection	Sweat and rain resistant.
Ear-to-ear connectivity	NFMI
Bluetooth profile supports	A2DP, HFP v1.7, HSP, AVRCP, aptX, aptX Low Latency

RECHARGING

Recharging case / dock	Included
Recharging case type	Portable with internal rechargeable battery
Number of recharges provided by case	3
Ear bud charge time	110 minutes
110 minutes Case charge time	110 minutes
110 minutes Ear bud battery	115mAh Lithium Ion Polymer
Recharging case battery	820mAh Lithium Ion Polymer

TECHNICAL SPECIFICATIONS | 2cc Coupler

Microphones	3 per ear
Driver	Dynamic 9.2mm