

## 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	Hybrid Active Noise Cancellation
World Control	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	2-microphone phone call voice pickup
Low Battery alarm	Yes - spoken prompt
Discharge time	Music streaming playback time: 5 hours (world off, streaming active) Hearing processing time: 8 hours 30 minutes (world on, no streaming) IQstream TV streaming time: 4 hours 20 minutes
App Compatibility	iOS 10 or greater Android version 5 or greater
Hands-free Calling	Yes, wideband on supported devices
Music Streaming	Yes, SBC and AptX Low Latency CODECs

## RECHARGING

Recharging case / dock	Included
Recharging case type	Portable with internal rechargeable battery
Number of recharges provided by case	3
Ear bud charge time	120 minutes
Case charge time	120 minutes
Ear bud battery	115mAh Lithium Ion
Recharging case battery	800mAh lithium ion

## 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 v1.3.1, HFP v1.7, HSP v1.2, AVRCP v1.6, aptX, aptX Low Latency

## 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 Occluding

## DIMENSIONS & ENVIRONMENTAL

Ear bud weight	8g each
Ear bud dimensions	Diameter 17mm, depth 13mm
Charge case weight	66g
Charge case dimensions	76x57x29mm
IP Rating	IP54

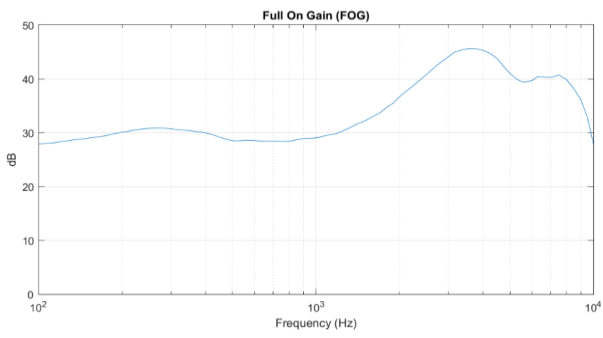
## TECHNICAL SPECIFICATIONS

		2cc Coupler	Ear Simulator
Frequency range		<200 Hz to >8000 Hz	<200 Hz to >8000 Hz
THD	500Hz	< 1%	< 1%
	800Hz	< 1%	< 1%
	1600Hz	< 1%	< 1%
Compression		AT: 10ms	AT: 10ms
		RT: 30ms	RT: 30ms
EIN		23dB	24dB
MPO (input 90 dBSPL) Peak		105dB SPL	117dB SPL
MPO (input 90 dBSPL) 1600 Hz		100dB SPL	107dB SPL
MPO (input 90 dBSPL) HFA		99dB SPL	108dB SPL
Full on gain (input 50dBSPL) Peak		33dB	46dB
Full on gain (input 50dB SPL) 1600 Hz		26dB	33dB
Full on gain (input 50dB SPL) HFA		22dB	31dB
Microphones		3 per ear	
Driver		Dynamic 9.2mm	

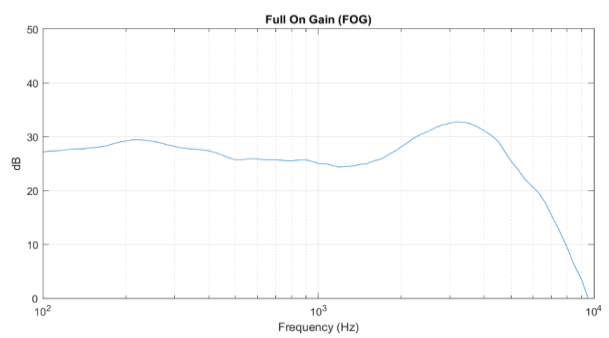
Specification issue version: 1.0 May 2020

Specifications are subject to change without notice

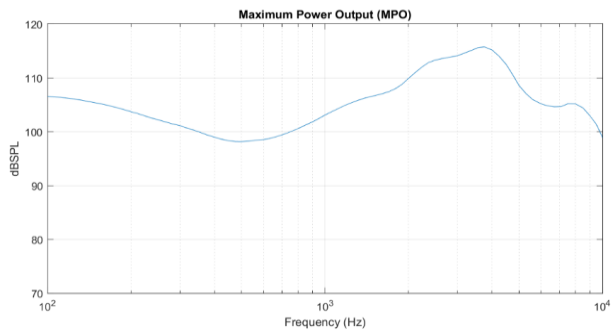
### FOG (Ear Simulator)



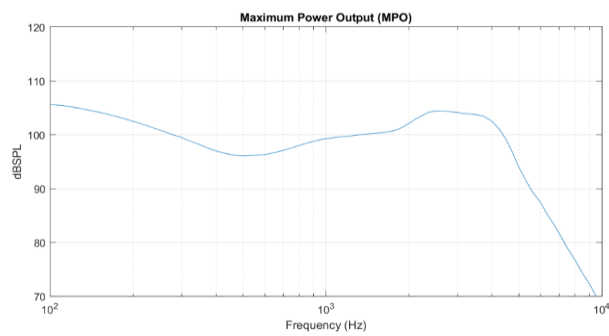
### FOG (2CC Coupler)



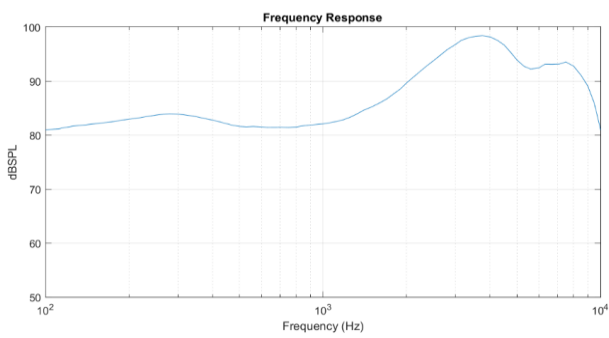
### MPO (Ear Simulator)



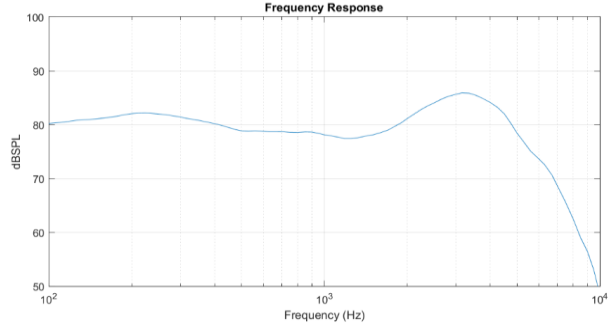
### MPO (2CC Coupler)



### Frequency Response (Ear Simulator)



### Frequency Response (2CC Coupler)



### Directivity Pattern

