



HP Hearing PRO

OTC Hearing Aids

Self-Fitting, Air Conduction, Over the Counter Hearing Aids
Model: NU320 | SKU: NU320-02 | UPC: 850000562004

Directional Focus

Clinically proven, 30% improvement in speech understanding in the presence of noise using Focus directional beamforming technology.*

HP Hearing App with Ear ID™

HP Hearing mobile app delivers a clinically validated hearing assessment. Using industry-standard NAL-NL2 calibration algorithms, Ear ID™ automatically self-fits HP Hearing PRO OTC Hearing Aids to the user's hearing loss. Compatible with both iOS and Android.

Sound Fidelity

Clinically-proven, natural sound quality.

Bluetooth Streaming

Stream phone, music, and other audio with high fidelity from Bluetooth® connected devices.

Active Noise Cancellation

Active noise cancellation reduces ambient noise levels for immersive audio experiences.

Built-in Rechargeable Batteries

Each hearing aid is powered by a rechargeable battery for up to 8 hours of battery life and included Charge Case provides added on-the-go power.

Modern Design

Attractive earbud hearing aid design unlike a traditional hearing aid.



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HP Hearing PRO Features



Download the HP Hearing App (from the App Store or Google Play) to wirelessly control your hearing aids**



Ear ID™ measures your hearing levels and delivers personalized hearing amplification calibrated to your own unique hearing profile



Streams music and audio with high fidelity from Bluetooth® connected devices



Control the noise around you with Active Noise Cancellation



Focuses on sounds in front of you using directional microphones



Each hearing aid is powered by a rechargeable battery for up to 8 hours of battery life and included Charge Case provides added on-the-go power

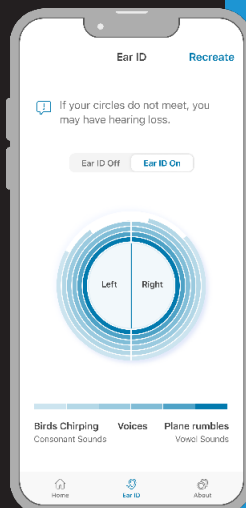
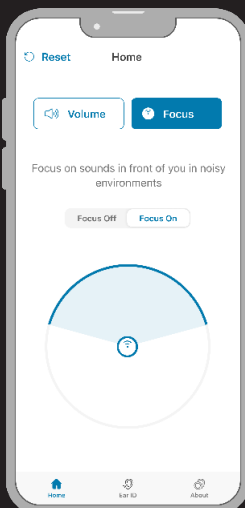
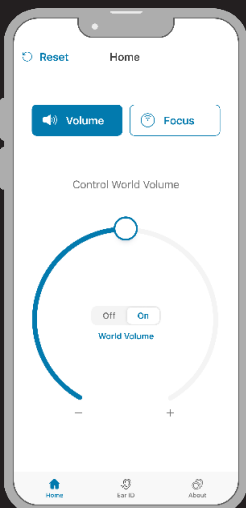


Water and dust resistant IP54 rating

2-year manufacturer's repair warranty

Wirelessly control your hearing aids.
(Available on the App Store and Google Play)

**Smartphone operating iOS 11 or higher or Android 10 or higher required to control your hearing aids.



Key Features

HP Hearing App	iOS 11 or higher Android 10 or higher
Self-Fitting & Personalization	Yes via HP Hearing App
User Features Control	Ear ID™ World Volume Focus
Volume Control	Yes via HP Hearing App
Directional Microphones	Yes, Focus feature
Noise Reduction	Active Noise Cancellation automatically activated when World Volume is toggled off via HP Hearing App
Feedback Management	Yes, feedback suppression/management
Battery	Built-in rechargeable for hearing aids and Charge Case. Hearing processing time: up to 8 hours. Music streaming playback time: up to 5 hours. Battery life may vary depending on usage.
Music Streaming	Yes. Bluetooth. SBC and AptX Low Latency CODECS
Phone Call Processing Hands-Free Calling	Bluetooth phone connectivity with two microphones. Yes, wideband on supported devices.
Wide Dynamic Range Compression	Yes
Processing Channels	12

Fitting and Programming

HP Hearing App	Ear ID™ user driven fitting and programming via HP Hearing 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

Technical Specifications

2cc Coupler

Frequency Range	200 Hz - 8000 Hz
Harmonic Distortion	0.2%
Latency	5ms
Equivalent Input Noise (EIN)	28.5 dB SPL
Maximum Output (OSPL90)	109.6 dB SPL
High-Frequency Average Full-On Gain (HFA-FOG)	29.4 dB SPL
Low Battery Alarm	Yes - spoken prompt

Wireless

Bluetooth Compatible	BT version 5.0
Bluetooth Phone Call Compatible	Yes
Bluetooth Music Stream Compatible	Yes
Bluetooth Profile Supports	A2DP v1.3.1, HFP v1.7, AVRCP v1.6, aptX, aptX Low Latency

Recharging

Charge Case / Dock	Included
Charge Case Type	Portable with internal rechargeable battery
Number of Recharges Provided by Case	3, for a total of 32 hours of usage
Hearing Aid Charge Time	90-180 minutes @ 25°C
Case Charge Time	90-180 minutes @ 25°C
Hearing Aid Battery	115 mAh Lithium Coin Cell
Charge Case Battery	800 mAh Lithium-Ion Polymer

Dimensions

Hearing Aid Weight	8g each
Hearing Aid Dimensions	Diameter 17mm, depth 24mm top to end of tip
Charge Case Weight	66g
Charge Case Dimensions	76x57x29mm
Dust and Weather Protection	Water and dust resistance meets IP54 standards

This hearing aid is for adults with signs of mild to moderate hearing loss. How do you know if you have this?

- You have trouble hearing speech in noisy places
- You find it hard to follow speech in groups
- You have trouble hearing on the phone
- Listening makes you tired
- You need to turn up the volume on the TV or radio, and other people complain it's too loud

Some people with hearing loss may need help from a hearing healthcare professional. How do you know if you need to see one?

- You can't hear speech even if the room is quiet
- You don't hear loud sounds well, for example, you don't hear loud music, power tools, engines, or other very noisy things

If your hearing loss makes it hard to hear loud noises, this hearing aid may not be your best choice without help from a professional. If this hearing aid does not help you enough, ask for help from a hearing healthcare professional.

WARNING: When to See a Doctor If you have any of the problems listed below, please see a doctor, preferably an ear-nose-throat doctor (an ENT).

- Your ear has a birth defect or an unusual shape. Your ear was injured or deformed in an accident
- You saw blood, pus, or fluid coming out of your ear in the past 6 months
- Your ear feels painful or uncomfortable
- You have a lot of ear wax, or you think something could be in your ear
- You get really dizzy or have a feeling of spinning or swaying (called vertigo)
- Your hearing changed suddenly in the past 6 months
- Your hearing changes: it gets worse then gets better again
- You have worse hearing in one ear
- You hear ringing or buzzing in only one ear

WARNING: If you are younger than 18, do not use this. You should go to a doctor, preferably an ear-nose-throat doctor (an ENT), because your condition needs specialized care. Over-The-Counter hearing aids are only for users who are age 18 or older.



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*Nuheara 510(k) clearance, K221064, for self-fitting, OTC hearing aid.

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