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.

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

**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 7.0 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 CODEC's

**Phone Call Processing**
- Bluetooth phone connectivity with two microphones. Yes, wideband on supported devices.

**Wide Dynamic Range Compression**
- Yes

**Processing Channels**
- 12

### Technical Specifications

**Hearing Aid Dimensions**
- 37x31x14mm
- 33g

**Charge Case Dimensions**
- 76x57x29mm
- 66g

**Battery**
- 115 mAh Lithium Coin Cell

**Charge Case Battery**
- 800 mAh Lithium-Ion Polymer

**Dust and Weather Protection**
- Water and dust resistance meets IP54 standards

### Wireless

**BluetoothCompatible**
- Yes - Bluetooth 5.0
- Bluetooth v1.3.1, HFP v1.7, AVRCP v1.6, aptX, aptX Low Latency

**Charging**
- 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 Change Time 90-180 minutes @ 25°C
- Case Change 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 21mm, depth 24mm top to end of tip
- Charge Case Weight 66g
- Charge Case Dimensions 76x57x29 mm

### Fitting and Programming

**Ear ID ™**
- User driven fitting and programming via HP Hearing App

**Fitting Formula**
- NAL-NL2

**Ear ID Assessment Frequencies**
- 500Hz, 3000Hz, 2000Hz, 3000Hz, 4000Hz, 6000Hz

**Ear ID Assessment Range**
- 0 - 70 dB

**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 (OASPL90) 119.6 dB SPL
- High Frequency Average Full-On Gain (HFA-FOG) 29.4 dB SPL
- Low Battery Alarm Yes - spoken prompt

### Specifications

**Battery Life**
- Hearing aid: up to 8 hours
- Charge case: up to 32 hours

**Charge Time**
- Hearing aid: 90-180 minutes
- Charge case: 90-180 minutes

**Charge Case Type**
- Portable with internal rechargeable battery

**Bluetooth Compatibility**
- Bluetooth 5.0
- aptX, aptX Low Latency

**Charge Case Weight**
- 66g

**Hearing Aid Dimensions**
- Diameter 21mm, depth 24mm top to end of tip

**Charge Case Dimensions**
- 76x57x29 mm

**FDA Cleared**
- Yes

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**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), because your condition needs specialized care. Over-The-Counter hearing aids are only for users who are age 18 or older.

- **Your ear has a birth defect or an unusual shape.**
- **Your ear was injured or deformed in an accident.**
- **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).**
- **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.**

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**WARNING: If you are younger than 18, do not use this.**

If you have any of the problems listed below, please see 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.

- **Your ear is a bit red or a bit puffy.**
- **You have worse hearing in one ear.**
- **Your hearing changes: it gets worse then gets better again.**
- **You have trouble hearing in one ear.**
- **You ear ringing or buzzing in only one ear.**

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Visit www.hphearingpro.com to learn more