

Made for

you

*Helping people hear better
so they can live better.*



Halo™ 2



Hearing Is Our Concern™



Synergy is hearing technology made for the next generation of patients. Halo 2 hearing aids are made for life.



[Synergy]

It's been proven – hearing health is directly connected to overall health and well-being. People who are able to hear and engage with the world around them live better and healthier lives.

Following our release of Halo™, we're proud to introduce Halo 2, our next generation Made for iPhone® hearing aids designed to help your patients stay connected to the people and things they love most.

Halo 2 is powered by Starkey's all new Synergy® platform – our biggest technology breakthrough to date. Synergy is the only platform to feature **quad core twin compressor technology**, and the first to provide supreme precision for audibility and the ultimate optimization for listening enjoyment.

Made for

today's patients



Today's patients want more because they do more.

Patients want to hear all the subtleties of life, even in complex listening environments. The inflection in the voice of a spouse. The nuances in the notes of a favorite song. Whether it's one-on-one or in the most of crowded places.

And every day, younger and more technologically savvy consumers are taking steps to improve their hearing and overall health. As they move through their hearing journey and evaluate their options, they'll have high expectations and demands.

This is why we're excited to introduce Halo 2 hearing aids. Halo 2 delivers performance, clarity, comfort and compatibility with Apple® and Android™ devices. Halo 2 is the link to a world of connectivity in the palm of your patients' hands.



Made for lifestyles

Experiencing life is much more than speech alone. Each day your patients are exposed to **rich lifestyles** that include a variety of sounds. Hearing aids have simply not been designed to handle the acoustic demands of these complex lifestyles — *until now.*

With Halo 2 powered by our Synergy platform, we're excited to say **we've delivered again.** Only Synergy provides the power, flexibility and integration to process all sounds uniquely. It's hearing technology meant for life.

Source: Halo 2 Product Beta Trials

"It's no different than someone who wears glasses. My hearing aids are a necessary part of who I am. With my hearing aids, I'm a more positive person and have found a greater purpose in life — to improve the world for those with hearing loss."

Miss Michigan, discussing her Halo hearing aids.

Patients and professionals agree – Halo 2 hearing aids are made for life.

"They are just remarkable hearing aids with so many little features that are really, really neat. They are leaps and bounds better than my other hearing aids."

"The quality and performance is really beyond anything I've ever seen."





Made to deliver

Starkey Sound

Five times the processing power delivers infinitely better results.



Until now, the very best hearing platforms only used one compression algorithm to process all inputs. Focused on speech audibility primarily, some of these platforms made incredible advances. But the human voice and all other sounds are very different.

Halo 2 is built with **twin compressors**, designed to seamlessly transition between the demands of speech and the far more dynamic characteristics of each patient's life.



Patients know Starkey Sound™ when they hear it.

Pristine audio. Natural sound. Best hearing in noise. Feedback free.

To achieve twin compression, we needed to build a new platform. Our new **Synergy platform advances speech audibility and listening enjoyment** like never before. Its revolutionary quad core twin compressor technology enables enhancements including:

- Five times the processing power of previous platforms to seamlessly and automatically handle complex listening situations
- Expanded dynamic range and low distortion processing with peak input dynamic range of 110dB for fuller, richer sound
- Expanded channel processing with up to 24 channel adjustment to provide the most precise and personalized hearing experience
- More efficient data management with higher integration to ensure the best power management

Untreated hearing loss is a major health and quality of life issue.

Halo 2 hearing aids are made to help.

DID YOU KNOW?

Older adults*



with impaired hearing may have a **shorter lifespan** than their peers without hearing problems.¹

*70 years and older

There is a significant association between **high blood pressure** and untreated hearing loss.²



Adults* with a hearing loss experience a **30-40% faster decline in cognitive abilities** compared to peers without hearing loss.³

*75 years and older

Over **360 million** of the world's population

have **disabling hearing loss**⁴

Adults* with untreated hearing loss

were more likely to report depression, anxiety and paranoia than peers who wore hearing aids.⁵

*50 years and older

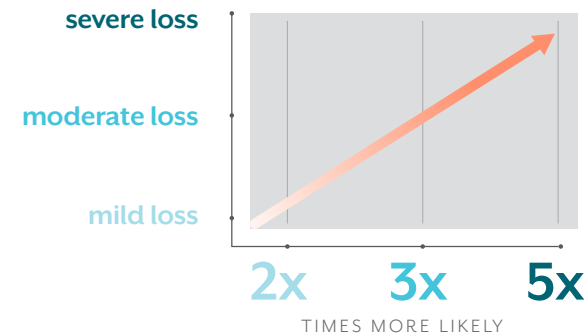


18- to 69-year olds with untreated hearing loss



had **significantly higher** instances of moderate-to-severe depression⁶

Adults with untreated hearing loss are more likely to develop dementia.⁷



People with mild hearing loss

are **3x more likely**

to have a history of falling.⁸



People with untreated hearing loss can expect to **suffer losses in compensation** due to underemployment.⁹

Adults with untreated hearing loss

have **higher unemployment rates** than their normal-hearing peers.⁹



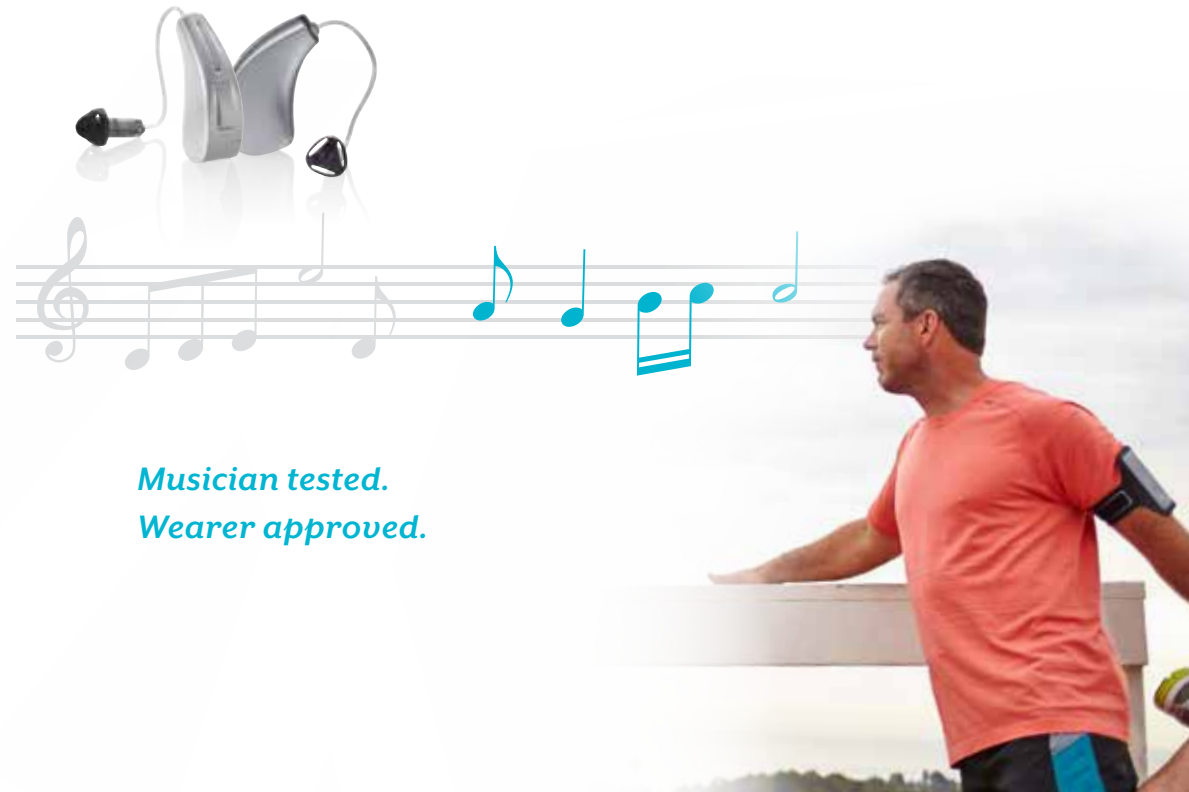
People with low-frequency hearing loss are considered **at risk** for cardiovascular events.¹⁰

Wearing hearing aids reduces the risk of cognitive decline associated with hearing loss.¹¹



Made to process all sounds uniquely

Synergy is the first hearing aid platform to use twin compressor technology — simultaneously processing sounds to deliver better results.



*Musician tested.
Wearer approved.*

Synergy and our new ultra high-definition operating system, **Acuity™ OS**, enable speech and sounds like **music to be processed uniquely for the first time ever**. Now, not only can a hearing aid positively impact audibility and comfort, it can also enhance listening enjoyment.



By achieving a higher sampling rate, Synergy and Acuity OS extend the bandwidth up to 10 kHz, enabling music to sound fuller and richer than ever before. And with a new, enhanced channel structure, more personalization can be achieved across the bandwidth, with up to 24 adjustable channels.



Made with sound clarity and quality top of mind

To engineer Acuity OS, we started at the Starkey Hearing Research Center in Berkeley, California. Our scientists and technicians **worked closely with musicians** and current wearers, targeting the best way to run the complex algorithms needed to process today's sounds efficiently.

Synergy is our innovative new platform.

Acuity is our new, ultra high-definition OS.

Halo 2 are our latest Made for iPhone hearing aids.

“Wow!” is what all your patients will say.

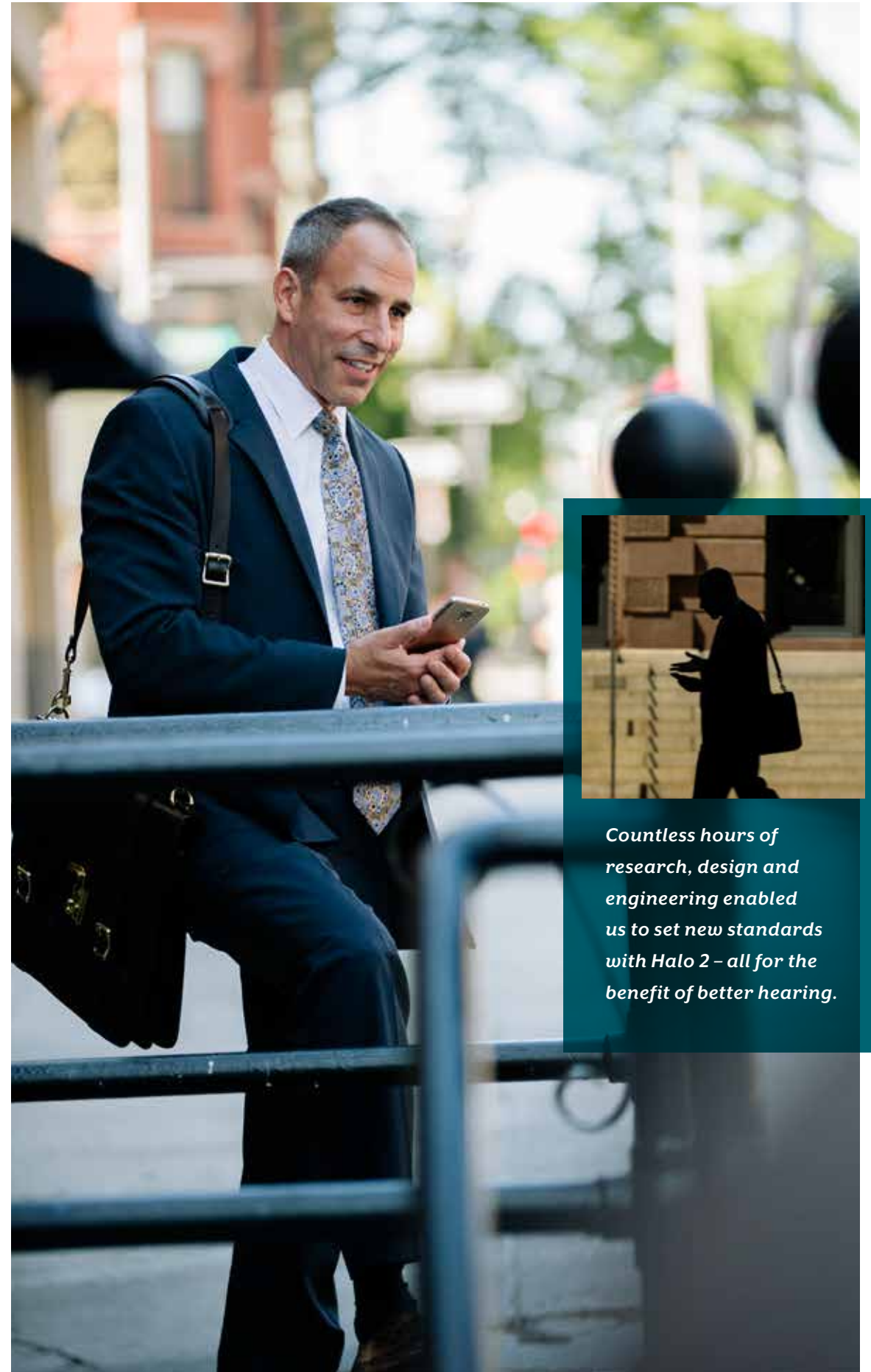
Made for Apple and Android connectivity

Halo 2's simplicity and versatility originated with our TruLink™ Technology, our 2.4 GHz wireless platform that provides completely seamless iPhone, iPad®, iPod touch® and Apple Watch® connectivity as well as ultra high-definition audio streaming for TV, music and more.

Our TruLink Technology also allows for connectivity with Android devices, offering patients the ability to create and update unique memories as well as control the volume of their Halo 2 hearing aids.



*Get the TruLink
Hearing Control app
on the App Store®
or Google Play™*



*Countless hours of
research, design and
engineering enabled
us to set new standards
with Halo 2 – all for the
benefit of better hearing.*

Made for *every experience*

Our latest Made for iPhone hearing aids and our easy-to-use **TruLink Hearing Control app** are engineered to work specifically with iPhone, iPad, iPod touch and Apple Watch. Together, Halo 2 and TruLink deliver the most personalized hearing experience ever.

The TruLink app is also available for select Android phones.

Phone Calls*

Your patients can answer calls with the touch of a finger and hear entire conversations when streaming directly to their Halo 2 hearing aids via Bluetooth® technology.

SoundSpace

SoundSpace™ within the TruLink app, enables patients to easily adjust sound to a specific setting. By simply moving their finger on the screen, they can adjust sound to their liking. They can also save their preferences in different situations as a **TruLink Memory** so that they're comfortable in any listening environment.

Remote Control

Patients can easily change volume and switch memories on their hearing aids from their Apple or Android device. They can also make adjustments with a visual indicator bar for better control and nearly infinite levels to suit their preference.

TruLink Memories

Your patients can create up to 20 **TruLink Memories** using the SoundSpace tool on the TruLink app. They can even geotag memories using the built-in GPS on their device. A geotagged memory will recognize where they are, and automatically adjust their Halo 2 hearing aids when they enter that space. For instance, a geotagged "coffee shop" memory will automatically activate when they walk into their favorite coffee shop.

Pristine Audio Streaming*

Halo 2 hearing aids provide direct streaming of phone calls, music and media from a patient's iPhone — so they can enjoy clear communication and pristine audio streaming any time, anywhere, for impressive, immersive sound.

TruLink Adaptive Car Mode

With **TruLink's Adaptive Car Mode**, Halo 2 hearing aids will automatically change to a setting designed to reduce the annoying sounds of driving and enhance a patient's overall driving experience.

Live Microphone*

Patients can record, play back and even email audio as it happens – or listen to them later too. They can even use their iPhone as a microphone. They simply set their iPhone nearby, turn on the feature and conversations are streamed directly to their Halo 2 hearing aids.

Siri Integration*

Let your patients know they can even have **Siri®** read texts and emails directly to their Halo 2 hearing aids.

Find My Hearing Aids

Lost hearing aids can be easily located using the **Find My Hearing Aids** feature with both a location and a timestamp. A signal detector sends a stronger or weaker signal based on how close a patient is to locating their Halo 2 hearing aids.

Apple Watch Compatible*

The TruLink app for **Apple Watch** can control volume, change memories and mute their hearing aids right from their wrist.

All NEW features available in TruLink Hearing Control 3.0.

Tinnitus Treatment

Integrated controls in the app help patients control the volume and modulation rate of our patent-pending **MultiFlex Tinnitus Technology**

Real-Time Notifications*

Patients can hear email, calendar, messages and social notifications directly through their Halo 2 hearing aids.



*Apple device feature only

Made for the way

people hear

Halo 2 hearing aids provide your patients with the most natural hearing experience in the most complex environments. With **Acuity OS**, Halo 2 hearing aids binaurally process, classify and adapt sounds in parallel, so speech sounds crisp and distinctive, ambient noise sounds natural and as expected, and music sounds rich and immersive.



Acuity Binaural Imaging — ear-to-ear communication powered by TruLink and an Apple device.

- New ultra high-definition audio brings a more natural ear-to-ear experience
- Collaborative decision making allows speech audibility to be preserved while simultaneously maintain comfort



Acuity Lifescape Analyzer — our most rigorously tested environmental detection system ever, designed for today's complex listening environments.

- Seven automated sound classes: Music, speech, speech in noise, machine noise, wind, noise and quiet
- Handles multiple environments simultaneously

Halo 2 provides the most natural hearing experience in the most complex environments.



Your patients do not live in discreet sound environments. Their world is full of lifescapes that mix different types of sounds.

Made for

conversations

Halo 2 helps your patients laugh, share and live a more fulfilling life.



Sharing stories, reminiscing over fond memories and laughing with friends are key ingredients for an engaging, more fulfilling life. Halo 2 hearing aids with Acuity OS are designed to **ensure patients never miss a funny joke**, the first words of a grandchild or the banter at a dinner table with friends.



Acuity Speech Optimization — our proprietary multi-segment compression architecture combines speech audibility and overall comfort to achieve Starkey Sound.

- Extended bandwidth achieved by higher sampling rate to take full advantage of high-frequency cues
- Enhanced by more frequency adjustability across the bandwidth with expanded channel structure



Acuity Voice — provides optimal audibility for speech.

- Runs in parallel with Acuity Lifescape Analyzer
- Two-part algorithm using dynamic voice identification, coupled with spectral noise control that calculates appropriate gain on a per-channel basis
- Provides up to 20dB of noise reduction
- Instantly applies variable noise adaptation in all channels, even between pauses of speech

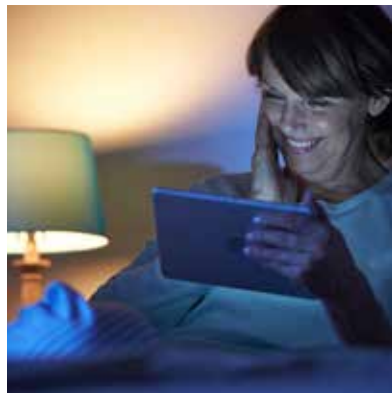


Acuity Directionality — designed to improve speech detection in difficult listening situations.

- Intelligent and personalized, it's a continuously adaptive, multi-channel system that uses independent null steering to preserve speech
- Uses Speech ID to prioritize conversations with up to 6dB of speech enhancement, even when it occurs behind the patient
- Is binaural and ensures optimal performance and switching
- Delivers consistent, high-fidelity sound to enhance conversation participation

Made for

everyday wear



*Synergy enabled us
to make our best-
in-class features
even better.*



*Multiflex Tinnitus Technology —
our patent-pending tinnitus solution
is designed with personalization and
flexibility in mind and is standard
in Halo 2.*

Of course, Halo 2 comes with Starkey's best-in-class features — resulting in hearing aids your patients will want to wear every day.

• **WhistleFree Feedback**

Cancellation — the only proactive feedback management system that anticipates feedback and can be personalized to product and patient.

• **Speech Shift** — enhances real-

time audibility by identifying high-frequency speech cues and replicating them in lower frequencies.

• **Surface™ Nanoshield** — our

next-generation moisture and wax repellent ensures reliability and durability.



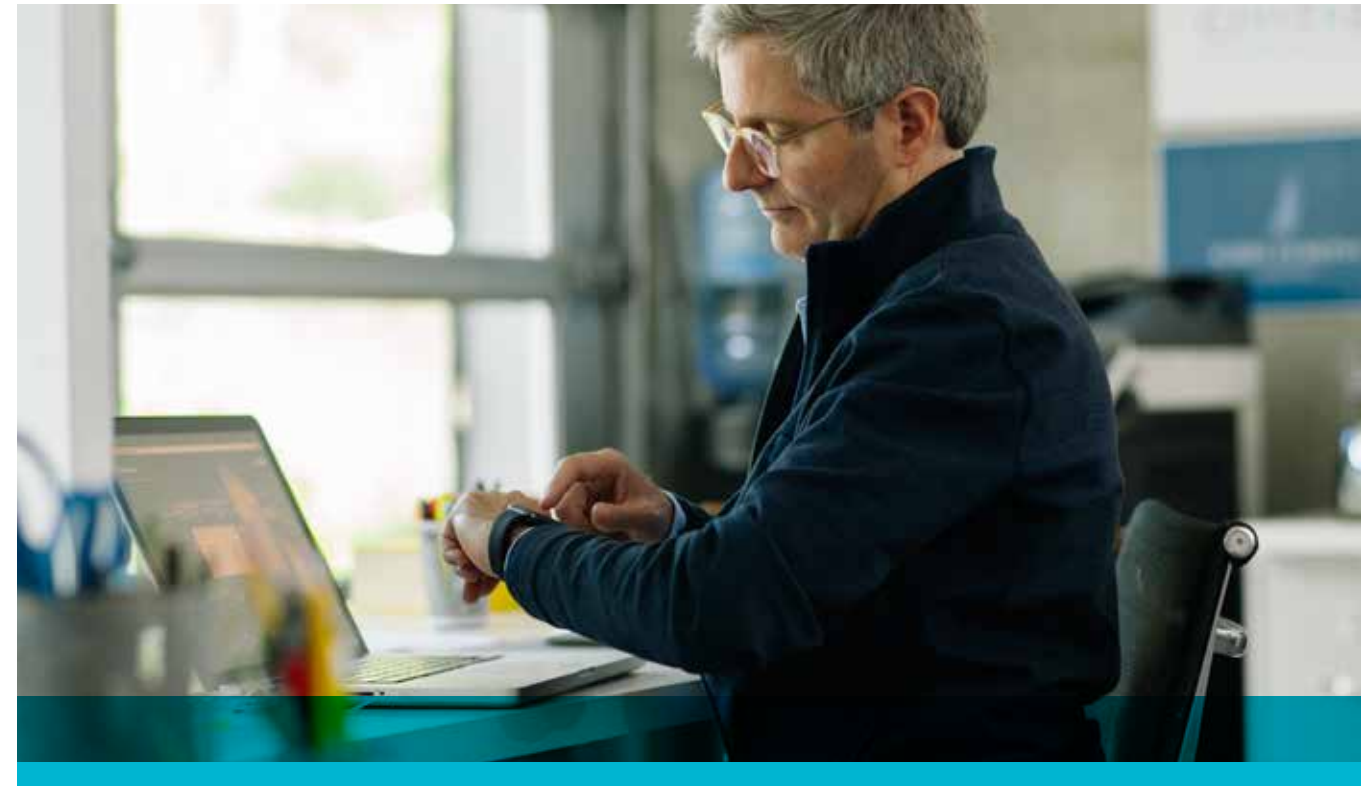
Made for every lifestyle

We are proud to introduce the new Halo 2 RIC 13 and the latest advances to our Made for iPhone hearing aids. This style provides power and performance all in a brand new case with a push button and telecoil. It's also available in a variety of sleek colors for any patient's preference.

Connect to hearing.

Connect to health.

Connect to life.



Made for lasting connections

In addition to its compatibility with Apple devices, TruLink is also available for select Android phones, giving even more patients access to advanced, customizable hearing solutions.

Our Halo 2 wireless hearing aid wouldn't be complete without the popular TruLink app.



Synergy ensures Halo 2 hearing aids can easily keep up with the demanding lives of today's patients. *Expanded capabilities*

Made for what

patients want

The expanded capabilities of our new Synergy platform ensure Halo 2 hearing aids can easily keep with the demanding lives — and environments — of today's patients to deliver what they truly want:



Listening enjoyment — once again

Today's patients want more than just the ability to hear in functional settings — they want to enjoy listening in every setting. **Acuity Lifescape Analyzer** makes it possible. Its seven sound classes handle multiple environments simultaneously and deliver our most sophisticated and accurate classification and adaptation system ever.

Clear audibility for speech in all situations

Acuity Voice runs in parallel with **Acuity Lifescape Analyzer** to provide optimal audibility for speech. Its two-part algorithm uses dynamic voice identification, coupled with a spectral noise control that calculates appropriate gain on a per channel basis, for unprecedented sound quality, ease of listening, and intelligibility of speech in noise.

Accurate directional detection

Intelligent and personalized, **Acuity Directionality** continually adapts in all channels, prioritizing conversations with up to 6dB of speech enhancement, so patients can better hear and participate in conversations from all directions.

A more natural listening experience

When Halo 2 hearing aids are connected to an Apple device, **Acuity Binaural Imaging** offers patients a more natural ear-to-ear experience. Thanks to collaborative decision making, speech audibility can be preserved while simultaneously maintaining loudness comfort.

Music the way it was meant to be heard

With its revolutionary new platform and OS, Halo 2 is designed to enhance the way patients listen to music. Developed at our research center in Berkeley, California, its unique prescription focuses on music enjoyment, makes soft music sounds audible, can be fit easily to accommodate each patient's subjective hearing tastes, and adapts and improves music listening sound quality automatically.

Effortless connections with streaming media

Halo 2 and **TruLink** offer patients carefree connectivity and control. Wearers can stream any music or media played on their iPhone directly to their hearing aids for a more immersive and impressive listening experience.

Effortless adjustments with TruLink

The **TruLink Hearing Control app** for both Apple and Android devices provides patients with Starkey Sound™ and the control to adjust their volume and memories right from their phone.

Reliable, hassle-free hearing aids

Surface Nanoshield coating repels both water and wax, while the remote functionality of the iPhone lets patients control and adjust their hearing aids more easily than ever.

ALONE WE CAN'T DO MUCH, **TOGETHER** WE CAN CHANGE THE WORLD

Made So The World May Hear



Our Founder and CEO, Bill Austin, has always held a strong belief that the gift of better hearing results in a fuller and better life.

We prove our dedication to this philosophy daily, through our support of Starkey Hearing Foundation.

The gift of hearing opens up new worlds of opportunity. It **connects individuals to life** and helps them realize they can accomplish more than they ever thought possible. Starkey Hearing Foundation uses hearing as a vehicle to change lives around the world.



Hear better. Live better.

Starkey Hearing Foundation has provided more than 1 million hearing aids to people in need worldwide and is committed to providing 1 million more this decade.



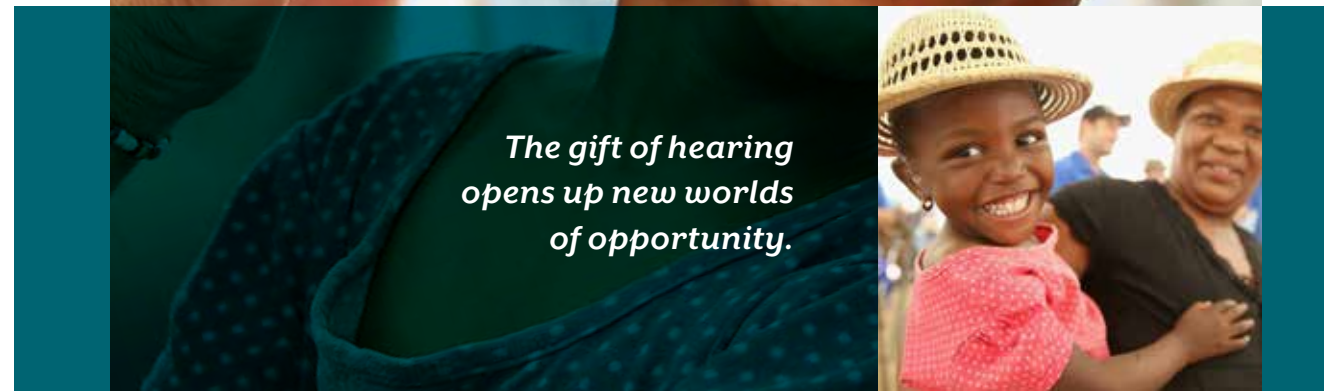
100+
COUNTRIES



1.8MILLION
HEARING AIDS



COUNTLESS
LIVES CHANGED

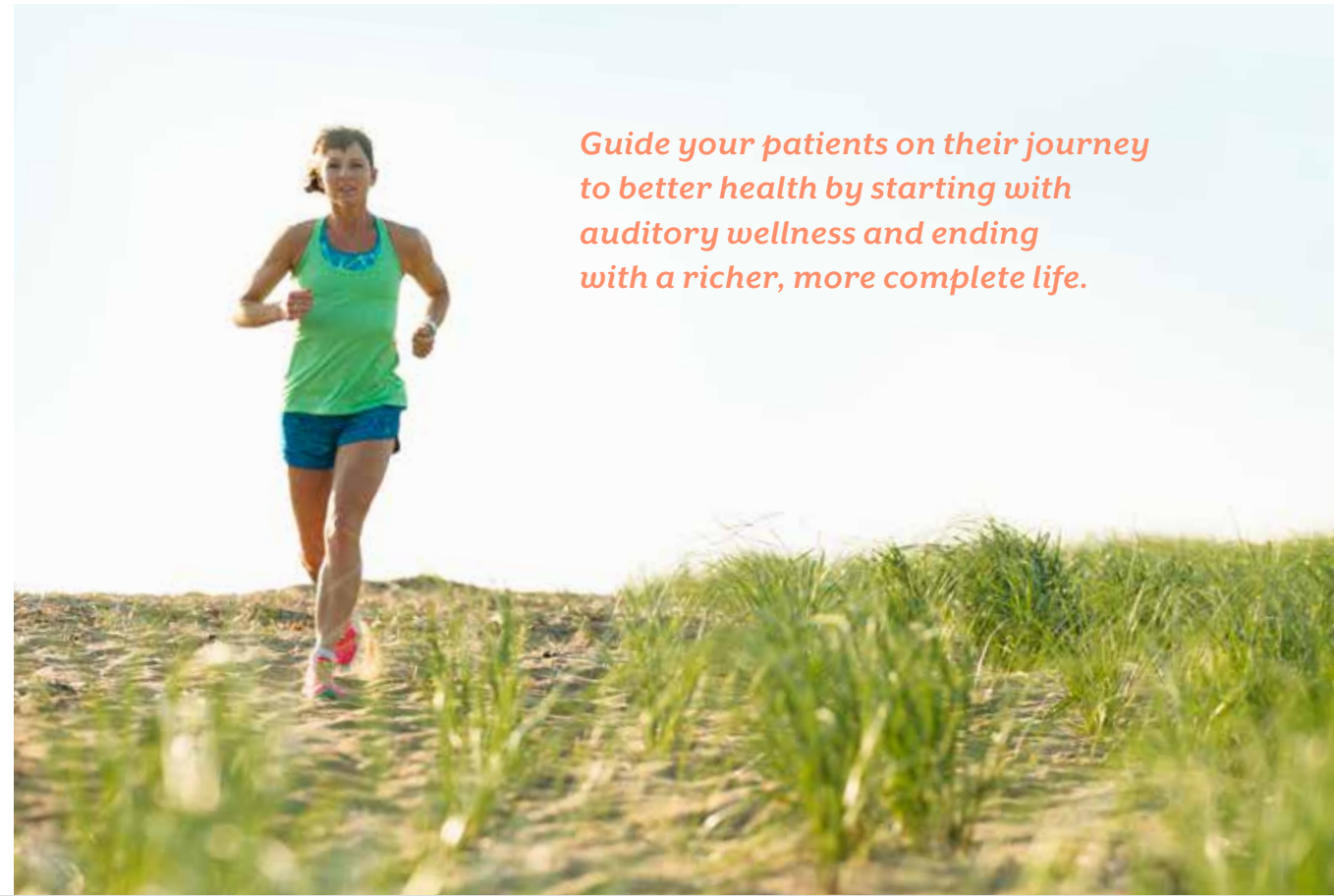


*The gift of hearing
opens up new worlds
of opportunity.*



Made for a happy,

healthy life



Guide your patients on their journey to better health by starting with auditory wellness and ending with a richer, more complete life.

We know hearing technology plays a critical role in the satisfaction of your patients' hearing experiences. That's why we focus our work to provide satisfaction in all areas of life, even the subtle ones.

At Starkey Hearing Technologies, we believe that to hear better is to live better.

Halo 2 hearing aids with our new Synergy platform are **made so people with hearing loss won't have to miss a single sound** that brings them joy. They are made knowing people who hear better live better.

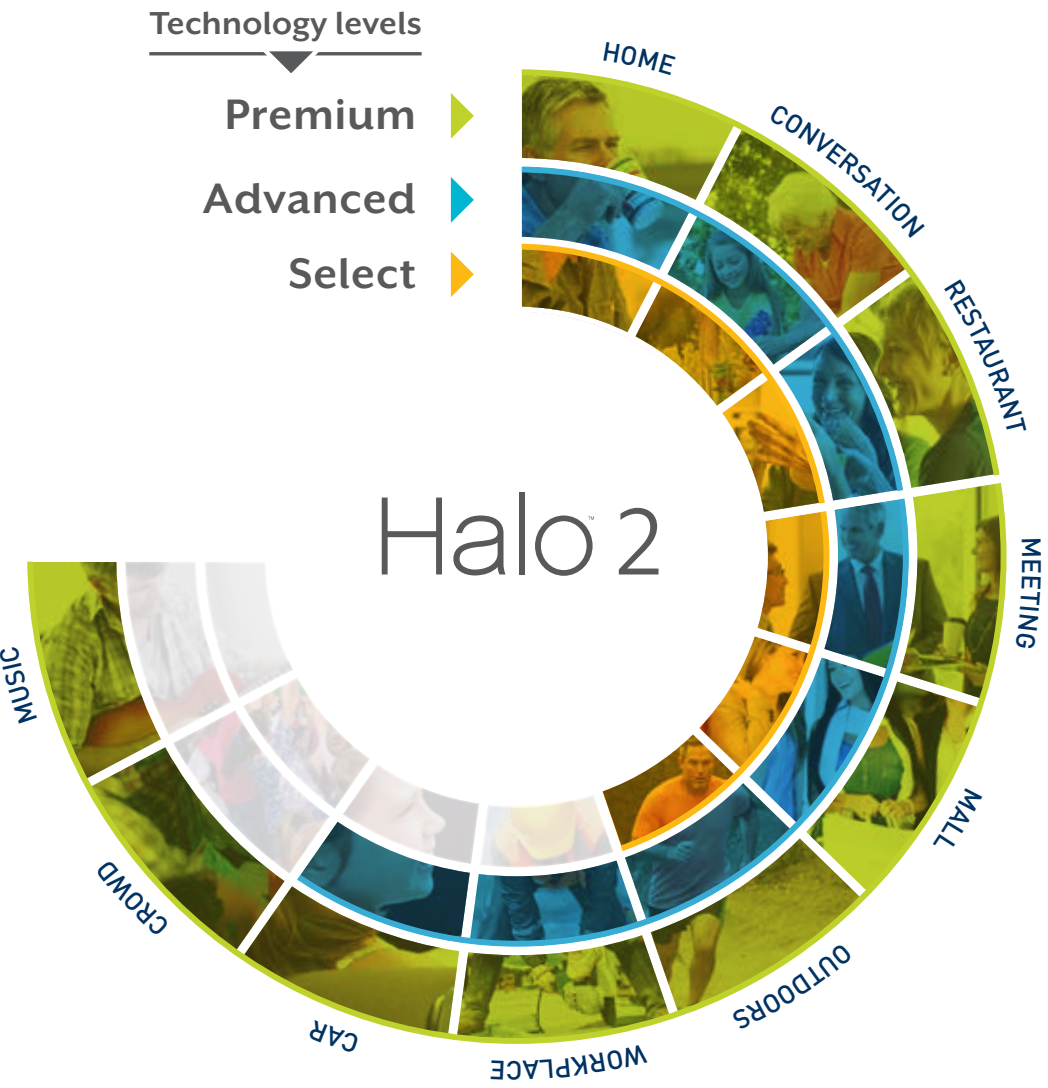


Simply put, Halo 2 is made for life.



Made for every listening environment

Our product lineup was designed to enhance any environment your patients frequent.



Feature overview

Feature	Premium i2400	Advanced i2000	Select i1600
Platform: Synergy	●	●	●
Sound Imaging: Channels Bands	24	20	16
Bandwidth: Extended 10 kHz	●	●	●
Operating System: Acuity OS	●	●	●
2.4 GHz Wireless Technology: TruLink	●	●	●
Wireless Streaming: Pristine Audio Streaming	●	●	●
Speech Compression: Acuity Speech Optimization	●	▶	▶
Music Optimization: Music Enhancement	●	●	●
<i>Music Memory</i> <i>Music Adaptation</i> <i>E2E Music Adaptation</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Ear-to-Ear Technology: Acuity Binaural Imaging	●	●	●
<i>E2E Wind Noise Management</i> <i>E2E Machine Noise Adaptation</i> <i>E2E Directionality</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Environment Manager: Acuity Lifescape Analyzer	●	●	●
<i>Music</i> <i>Speech</i> <i>Speech and Noise</i> <i>Machine Noise</i> <i>Wind</i> <i>Noise</i> <i>Quiet</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Directional Processing: Acuity Directionality	●	●	●
<i>Channels</i> <i>Dynamic</i> <i>Directional</i> <i>Adaptive</i>	24 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	20 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	16 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Noise Control: Acuity Voice	●	●	●
<i>Noise Reduction Strength</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Feedback Management: WhistleFree Feedback Cancellation	●	●	●
Frequency Lowering: Speech Shift	●	●	●
Tinnitus Technology: Multiflex Tinnitus Technology	●	●	●
Wireless Accessory Compatibility: TruLink Hearing Control App	●	●	●



¹ Norton, A. (2015). Older Adults' Hearing Loss May Be Tied to Earlier Death. HealthDay News. Retrieved from <http://health.usnews.com/health-news/articles/2015/09/24/older-adults-hearing-loss-may-be-tied-to-earlier-death> | ² Agarwal, S., Mishra, A., Jagade, M., Kasbekar, V. & Nagle, S. K. (2013). Effects of Hypertension on Hearing. *Indian J Otolaryngol Head Neck Surg.* 2013 December; 65(Suppl 3): 614–618. Published online 2013 February 17. Retrieved from: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3889339/> | ³ Lin, F. R., Yaffe, K., Xia, J., Xue, Q., Harris, T. B., Purchase-Helzner, E., ... Simonsick, E. M. (2013). Hearing Loss and Cognitive Decline in Older Adults. *JAMA Internal Medicine*, 173(4), 293-299. doi:10.1001/jamainternmed.2013.1868 | ⁴ World Health Organization. (2015). Deafness and hearing loss. Retrieved from: <http://www.who.int/mediacentre/factsheets/fs300/en/> | ⁵ Reinemer, M., & Hood, J. (1999). Untreated Hearing Loss Linked to Depression, Social Isolation in Seniors. *Audiology Today*, 11(4). Retrieved from: <http://www.audiology.org/publications-resources/document-library/untreated-hearing-loss-linked-depression-social-isolation> | ⁶ Li, C. M. & Hoffman, H. J. (2014). Untangling the Link Between Hearing Loss and Depression. Retrieved from: http://journals.lww.com/thehearingjournal/Fulltext/2014/07000/Untangling_the_Link_Between_Hearing_Loss_and.2.aspx | ⁷ Johns Hopkins Medicine. (2011). Hearing Loss And Dementia Linked in Study. Retrieved from: http://www.hopkinsmedicine.org/news/media/releases/hearing_loss_and_dementia_linked_in_study | ⁸ Johns Hopkins Medicine. (2012). Hearing Loss Linked to Three-Fold Risk of Falling. Retrieved from: http://www.hopkinsmedicine.org/news/media/releases/hearing_loss_linked_to_three_fold_risk_of_falling | ⁹ Kochkin, S. (2007). The Impact of Untreated Hearing Loss on Household Income. Retrieved from: <http://www.betterhearing.org/sites/default/files/hearingpedia-resources/The%20Impact%20of%20Untreated%20Hearing%20Loss%20on%20Household%20Income.pdf> | ¹⁰ Friedland, D. R., Cederberg, C., & Tarima, S. (2009). Audiometric pattern as a predictor of cardiovascular status: Development of a model for assessment of risk. *The Laryngoscope*, 119:4733-486. Retrieved from: <http://onlinelibrary.wiley.com/doi/10.1002/lary.20130/abstract> | ¹¹ Amieva, H., Ouvarov, C., Giulioli, C., Meillon C., Rullier, L., & Dartigues, J. F. (2015). Self-reported hearing loss, hearing aids, and cognitive decline in elderly adults: A 25-year study. *J Am Geriatr Soc.* 2015 Oct;63 (10):2099-104. doi: 10.1111/jgs.13649.

Halo 2 and TruLink are compatible with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini with Retina display, iPad mini, iPod touch (5th generation) and Apple Watch. Use of Apple Watch requires iPhone 5 or later. "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, iPad or Apple Watch may affect wireless performance. Apple, the Apple logo, iPhone, iPad, iPod touch, Apple Watch and App Store are trademarks of Apple Inc., registered in the U.S. and other countries.

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