

Made for



iPod



iPhone



iPad

GO ANYWHERE DO EVERYTHING

Introducing the Made for iPhone® Hearing Aid

Halo™



Download on the
App Store



Hearing Is Our Concern™

The Science of Simplicity



Delivering new standards in:



Performance



Control



Personalization



Connectivity

State of the art...

Halo

The Made
for iPhone
hearing aid.



Like you, helping people hear better is all we think about at Starkey. Halo™ — our new Made for iPhone® hearing aid — is the result of that dedication and focus.

Halo was engineered from the ground up to make hearing easier and more enjoyable for your patients by truly personalizing their hearing lives. And that's just what it does.

...meets state of the art

TRULINK

The industry's
most robust
consumer app.



By combining Starkey's state-of-the-art technology with the industry's most robust personal mobile phone app, Halo delivers new standards of performance and personalization, while providing convenient control and connectivity.

Life, only better

Humans love technology.

Its allure is easy to understand. It comes from technology's promise to improve our lives by simplifying and enhancing everything we do.

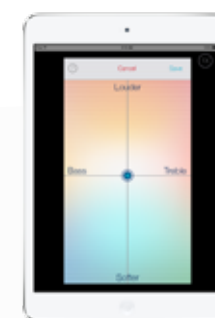
Few companies have made good on that promise better than Apple. They are the first name that comes to mind when the world thinks of innovation and have cornered the market on technology that people want to use every day.

That's The Halo Effect

Now, Starkey has designed Halo, the Made for iPhone hearing aid.

Halo combines Starkey's superior hearing aid technology with the world's most popular and desired smartphone.

The result is a revolutionary new hearing solution that lets you make the promise of technology come true for your patients.



Halo also works with iPad® and iPod touch®



Halo and TruLink are compatible with iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPad Air, iPad 4, iPad mini with Retina display, iPad mini, and iPod touch (5th generation).

Happy, satisfied patients

Everyone loves their iPhone.

Why they do is easy to understand. The iPhone is their phone, calendar, camera, contact list, entertainment center, communication hub and time killer all in one. It's their indispensable connection to everything important to them.

In short, the iPhone is their world in the palm of their hands.



That's The Halo Effect

Halo brings what people love about the iPhone to anyone and everyone with hearing loss. As easy and intuitive to use as the iPhone itself, Halo integrates effortlessly into your patient's world to make their life simply better.

Made for iPhone Halo will help reduce the stigma of hearing aids, and lead consumers to seek help sooner than they might otherwise.



TRULINK™

Our TruLink Hearing Control app turns Halo into the most personalized hearing solution ever

Halo is an advanced, flexible and beautifully designed RIC 13 hearing aid that delivers pristine sound in today's challenging environments. But that's just the half of it.

Engineered simultaneously with our proprietary new TruLink Hearing Control app, Halo connects seamlessly to your patient's iPhone — transforming it from a high-performance hearing aid into the most personalized hearing solution ever.

The TruLink app enables seamless integration between Halo hearing aids and iPhone.

Taking advantage of the intuitiveness and versatility of the iPhone, TruLink meets the needs of today's demanding and tech-savvy consumer by:

- Enabling **carefree communication** using the iPhone
- Delivering **Starkey Superior Sound™** and pristine audio streaming of any music or media played through their iPhone, iPad and iPod touch
- Letting patients **personalize and geotag** memories to match what they do and where they go
- **Changing memories automatically** based on personalized geotags (e.g. Starbucks® memory kicks in when they walk into a Starbucks)
- **Automatically adapting** when the patient is traveling in a car
- Allowing users to **record, play back and email** live sound sources
- Allowing **Siri® to read emails and texts** to patients thru their hearing aids
- Letting them **control** their hearing aid **volume and memories** via their iPhone

TruLink Hearing Control app

Connects patients to their iPhone, iPad and iPod touch without any additional hardware.

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That's The Halo Effect

TruLink offers functionality designed to enhance anywhere patients go – so they can easily enjoy everything they do.

Every experience enhanced





SoundSpace

TruLink SoundSpace enables patients to easily adjust sound settings to their specific environment. By simply moving their finger on the screen, they can adjust frequency and tone to suit their preference — then save it as a TruLink Memory. It lets them fine-tune on the fly, so every place they're in sounds the way they like it best.



Remote Control

With the touch of their iPhone, patients can easily change volume and switch memories on their hearing aids. And because both are adjusted via a visual indicator bar, patients have better control and nearly infinite levels to suit their preference.



Live Microphone

Live Microphone lets patients record, play back and even email audio as it happens. They can listen to it later in a more conducive setting, or send it to their hearing professional to help troubleshoot and advise.



Pristine Audio Streaming

Halo provides direct-from-the-iPhone streaming of phone calls, music and media — so patients can enjoy carefree communication and pristine audio streaming anytime, anywhere, requiring nothing more than the iPhone.



TruLink Memories

Patients can create up to 20 TruLink Memories using the SoundSpace tool on the TruLink app. Each memory is programmed and run via the app, and gives patients the ability to label them to their liking.

And patients can geotag their TruLink Memories if they want. This cool functionality simplifies life even more by using the iPhone's built-in GPS feature to know where the patient is, then automatically changing memory when they're at the tagged location (e.g. Gym memory automatically changes when the patient walks in the gym).

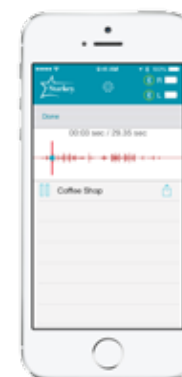
TruLink is as easy and intuitive to use as your iPhone and iPad.



TruLink Adaptive Car Mode

With TruLink's Adaptive Car Mode, Halo will automatically change to a setting designed to reduce the annoying sounds of driving and enhance your patient's "audio" driving experience.

Wearers can even have Siri read texts and emails, directly to their hearing aids.





A little control makes a big difference

From the case that covers it to the apps and media used on it, every person's iPhone is as unique as they are.

TruLink lets you fit each patient with a solution that feels as personalized as their iPhone — by giving them an intuitive and easy way to make Halo their own.

This unprecedented level of personalization isn't possible, of course, without you — as your expertise is the vital first step to optimize hearing aid settings based on the patient's audiometric characteristics and fitting expectations.

Personal Audio Network

Together, Halo, TruLink and the iPhone create a new listening environment for your patient that is more personal and intimate than ever before.

Wide Area
Network
Edge, 3G, 4G LTE

Local Area
Network
WiFi 802.11x

Personal Audio
Network
TruLink: 2.4 Ghz

But the reality is, you can't be with your patients 24/7. TruLink and SoundSpace extend the relationship that you have with your patient by giving them a unique way to subjectively fine-tune sound—within reason—based on their current real-world environment.

The results will be more patient engagement, faster acceptance, fewer follow-up visits, and increased satisfaction.

Acceptance increases when patients have a say in how their hearing aids sound.

Our new 2.4 GHz wireless platform stands high above all others

Halo's simplicity and versatility originate with TruLink Technology, our new 2.4 GHz wireless platform that provides completely seamless iPhone, iPad and iPod touch connectivity as well as wireless programming for you.

The result of countless hours of research, design, engineering and validation, TruLink Technology has enabled us to set new standards, yet again, in delivering low-power, high-performance wireless solutions.



Countless hours of research and engineering achieve one goal — better hearing

TruLink Technology extends the bandwidth and doubles the dynamic range of other wireless platforms, resulting in pristine sound and uncompromising signal robustness — even in the most crowded environments.

A key component to TruLink's robustness and easy connectivity is Bluetooth® 4.0. Using Bluetooth 4.0, Halo hearing aids provide a power-efficient, high-quality digital audio experience. Your patients enjoy audio streams from the iPhone, iPad or iPod touch with outstanding sound quality for phone calls, music, FaceTime® calls and other activities.

Halo advances Starkey Superior Sound™



At the heart of the world's most personalized hearing solution is an advanced, meticulously designed new hearing aid.

Halo hits the sweet spot when it comes to delivering what patients and professionals need and want from a hearing solution — especially when it comes to sound quality, listening clarity and reliable performance.

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RIC 13

A flexible, comfortable style that accounts for over 50% of all hearing aids fit.



It begins with BluWave® 3.0, our breakthrough operating system that provides the perfect foundation for the kind of evidence-based evolution Starkey does best. BluWave 3.0's sophisticated signal processing power enables us to continually optimize audibility, intelligibility, comfort and sound.

It ends with Starkey's industry-leading performance features—including best-in-class feedback cancellation, adaptive noise management and directionality that, together, deliver Starkey Superior Sound.

Add power and even more personalization



Halo comes available in an Absolute Power option, making it an exciting option for patients who need up to 70dB of gain. And all Halo devices can be fit with a custom mold, providing you even more ways to deliver a comfortable and personalized solution.



*Patients can go
about their days
feedback free.*

PUREWAVE FEEDBACK ELIMINATOR³

The industry's best fix for feedback

PureWave Feedback Eliminator³—Starkey's best-in-class feedback cancellation system—features the industry's most intuitive initialization protocol. It identifies, classifies and eliminates annoying whistling and buzzing in all environments, ensuring wide fitting ranges and a fast response to the most complex feedback.

Patients get to experience feedback-free and comfortable listening whether they're on the phone, hugging a loved one or in a crowded concert hall.

And don't be worried about learning a new system. From 28dB of added stable gain to its speed of finding and canceling feedback to how nimbly it manages artifacts — all you need to do is initialize and you're done. No need to optimize for open. No need to give feedback a second thought ever again.



VOICE iQ²

Speech clarity has a clear winner

The Holy Grail of hearing is conquering clarity in noise — and Voice iQ² is the closest that any hearing aid manufacturer has come. Our revolutionary noise reduction and speech preservation system, Voice iQ² rapidly applies variable noise adaptation in all channels faster than any other system designed, to provide optimized speech clarity in restaurants, sports stadiums, social gatherings and more.



Patients can zero in on what's being said and block out background noises.

Voice iQ² delivers aggressive noise reduction that doesn't compromise speech and:

Provides optimized speech clarity in every environment.

- Classifies inputs every six milliseconds
- Adapts every 20 milliseconds to diminish noise between syllables
- Remains active and dynamic even in quiet environments
- Virtually eliminates unnatural artifacts
- Reduces listening effort and mental fatigue when combined with InVision Directionality*
- Is the first digital noise reduction algorithm proven to significantly improve acceptance of noise in a background of speech babble **

*Desjardin, J.L. & Dougherty, K.A. (2012). The effect of hearing aid noise reduction on listening effort in older adults. Poster presented at AudiologyNOW!, Chicago, Ill.

** Eddins, D.A., Klein, A.V., Arnold, M.L., & Ellison, J.C. (2013). Acceptable noise level: Effect of presentation level, digital noise reduction, and stimulus type. Poster presented at AudiologyNOW!, Anaheim, Calif.

Listening should never be tiring

Patients enjoy seamless switching between environments.

Fixed directional isn't right for every memory, which is why the dynamic directional algorithm in our InVision Directionality³ microphone system makes it better than others.

With InVision Directionality³, we've applied years of acoustical research and cutting-edge auditory science to deliver the industry's most fluid and precise directional performance.

Its dynamic directional switching lets patients enjoy seamless and accurate transitions between listening environments — while a high free-field DI score and low operational noise floor ensure optimized speech intelligibility and reduced listening effort whether they're conversing with their spouse, ordering at a drive-thru or taking part in a meeting.



SPECTRAL iQ

Be a hero to patients with high-frequency hearing loss



High-frequency sounds account for approximately 25 percent of spoken language and comprise some of its most valuable components. Spectral iQ, Starkey's innovative frequency lowering technology, is designed to ensure every "T", "S" and child is heard.

Unlike technologies that apply frequency compression broadly, Spectral iQ is engineered to enhance real-time audibility by intelligently identifying high-frequency speech cues and replicating them in lower frequencies where they're easier to understand.

*Hear what makes
Spectral iQ better
at SpectraIQ.com*

Spectral iQ's smart approach:

- Helps restore audibility for patients with steeply sloping, high-frequency hearing loss
- Features the broadest active bandwidth of any frequency lowering technology
- Causes less distortion than other approaches due to preservation of spectral cues and harmonic relationships



ISO COMPRESSION

Sound subtlety is our specialty

Knowing that speech is dynamic, our breakthrough ISO Compression allows for independent control of soft, moderate and loud level speech. This enables a more personalized fitting approach, which results in more comfortable and controlled hearing. It delivers this more personalized listening experience by:

- Making soft speech sounds audible without affecting the compression characteristics applied to louder inputs
- Discreetly managing loud sounds while maintaining quality of lower level sounds

HYDRASHIELD²

Don't sweat over water or wax



Halo hearing aids feature HydraShield², Starkey's proprietary moisture protection system that integrates nano-coating, unibody construction and smart component placement to repel water, wax and oils. The result is hearing aids that spend more time being worn and less time being fixed.

Fulfilling your patients needs

That's The Halo Effect

Patients want...Halo delivers

To hear more comfortably in noise

Two technologies—**Voice iQ²** and **InVision Directionality³**—work together to reduce noise, preserve speech and make hearing easier in today's challenging environments.

No buzzing or whistling

The industry benchmark for feedback elimination, our **PureWave Feedback Eliminator³** provides feedback-free and comfortable listening all day long.

Improved high frequency audibility

Spectral iQ, our patented frequency lowering technology, intelligently identifies high-frequency speech cues and replicates them in lower frequencies where they're easier to hear and understand.

More nuanced sound quality

Knowing that speech is dynamic, our **ISO Compression** allows for independent control of soft, moderate and loud-level speech to enable a more personalized fitting approach.

Hearing aids that integrate into their lives

By syncing wirelessly with their iPhone and everything it can do, Halo **lets patients connect easily** with their lives and everything they love to do.

Enhanced phone communication

Direct **streaming of phone calls** from the wearer's iPhone to their Halo hearing aids enables clear and comfortable conversations.

Great sounding music and media

Wearers can **stream any music or media** played on their iPhone directly to their hearing aids for a more immersive and impressive listening experience.

Hearing that's personalized for them

The **SoundSpace** tool on the **TruLink app** lets patients make minor adjustments to sound quality to suit their particular preferences.

Hearing that happens intuitively

Geotagged memories automatically switch modes when the iPhone's GPS feature detects the patient is in a tagged location. ("Home" memory activates when patient arrives at their home.)

An easy way to fine-tune audio on the fly

The visual indicator bar on the TruLink app provides nearly infinite levels of **volume settings**.

Reliable, hassle-free hearing aids

HydraShield² nano-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.

When it comes to wireless solutions, Starkey gives you the most options



With Halo, Starkey now gives you a way to address every wireless need and want imaginable.

Whether you think your patients are a better fit for our leading 900 MHz solutions—3 Series™, Xino™ Wireless and SurfLink®—or are ready to step-up to the convenience and control of our new 2.4 GHz Halo — you get more options, smarter solutions and better results when you go with Starkey.

Enriching lives through better hearing





Hearing Is Our Concern™

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"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, or iPad may affect wireless performance.

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