

# Feature Chart

	BELTONE BOOST 17	BELTONE BOOST 9
<b>Hearing Restoration</b>		
Digital Signal Processing Integrated Circuit (DSP-IC)	Coyote 4.5.3	Coyote 4.5.3
Wide Dynamic Range Compression (Input Compression)	Rapid 17	Rapid 9
WDRC Time Constants	Syllabic, Normal, AVC	Syllabic, Normal, AVC
Output limiting	Output Compression Soft peak clipping Hard peak clipping	Output Compression Soft peak clipping Hard peak clipping
<b>Speech in Noise</b>		
CrossLink Directionality	Yes	No
Spatial Directionality	Yes	No
Adaptive Directionality	Adaptive, 15 null points with Smart Beam	Adaptive, 9 null points with Smart Beam
Fixed Directionality	Hypercardioid	Hypercardioid
<b>Directional Microphone Options</b>		
Band-split Directionality	Adjustable Mixing-point Frequency	Adjustable Mixing-point Frequency
Directional / Omni Microphone Switching	Speech Spotter Pro	Speech Spotter Pro
Directional Beam Width Pattern	Smart Beam Steering	Smart Beam Steering
<b>Hearing Comfort</b>		
Environmental Programs	4	4
Noise Reduction	Sound Cleaner Pro (5 choices)	Sound Cleaner (4 choices)
Safeguard Feedback Control	Yes	Yes
Feedback Suppression	Feedback Eraser with WhistleStop (5 choices)	Feedback Eraser (4 choices)
Expansion	Silencer 17 channel analysis	Silencer 9 channel analysis
Wind Noise Reduction	4 choices	3 choices
Environmental Gain Steering	Smart Gain Pro (7 environments)	Smart Gain (7 environments)
Frequency Lowering	Sound Shifter	Sound Shifter
Adaptation	Synchronized Satisfy	Synchronized Satisfy
<b>Additional Features</b>		
Made for iPhone	Yes	Yes
Ear to Ear Synchronization	Yes	Yes
Asymmetric Phone Handling	Yes	Yes
AFX Music Mode	Yes	Yes
Musical Audio Alerts	Yes	Yes
Auto-Phone	Yes	Yes
Tinnitus Breaker Pro	Yes	Yes
HPF80 NanoBlock protection	Yes	Yes
<b>Wireless Accessories</b>		
Beltone Direct Personal Audio Link (myPAL)	Yes	Yes
Beltone Direct TV link 2	Yes	Yes
Beltone Direct Phone link 2	Yes	Yes
Beltone Direct Remote Control 2	Yes	Yes
Hearing Instrument Models	95-DW	95-DW

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Beltone Boost is compatible with iPhone 5s, iPhone 5c, iPhone 5, iPad Air, iPad (4th generation), iPad mini with Retina display, iPad mini and iPod touch (5th generation) using iOS 7.X or later. Apple, the Apple logo, iPhone, iPad, iPod touch and FaceTime are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

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Beltone **Boost**™

# Powerful connections to everything that matters



Made for  
iPod iPhone iPad

 **Beltone**™





# Powerful connections for better hearing

Powerful, robust and comfortable, Beltone Boost lets your patients with severe-to-profound hearing loss connect to the most important things in their lives.

Thanks to Made for iPhone® integration, patients can now stream music and control their hearing aids with a few easy swipes, directly through an iPhone®, iPad® and iPod touch®. No adapter or intermediary devices needed. It's easy and discreet. Beltone Boost connects to a range of 2.4 GHz wireless accessories, too, helping increase signal-to-noise ratio for patients who need it most.

Beltone Boost is a powerful hearing instrument, yet with no compromise on sound quality. The industry's leading digital signal processor and advanced features, like Feedback Eraser™, Sound Shifter™ and CrossLink Directionality™, give your patients the amplification they need, without distraction or distortion. This combination of power and clear sound makes Beltone Boost the best option to help patients who suffer most from hearing loss.

With HPF<sup>80</sup> NanoBlock™, an environmental protective coating, patients get the peace of mind they need when using Beltone Boost.



# Powerful connections to everyone's favorite devices

Beltone Boost's Made for iPhone integration creates new and exciting ways for patients with severe-to-profound hearing loss to live their everyday lives. By wirelessly connecting Beltone Boost to a compatible device, patients can now stream sounds directly from an iPhone, iPad and iPod touch to their hearing aids without having to wear an adapter or streamer around their necks. They can hear phone calls in both ears and listen to music in stereo. And, they can wirelessly control calls and adjust the volume and settings on their hearing aids.

## Stream so much more than music

Being able to listen to their favorite music streamed directly to their hearing aids is just the beginning. Beltone Boost offers unique benefits that are especially important for those with severe-to-profound hearing losses. Talking on the phone is a particular challenge. Thanks to Made for iPhone integration, patients can hear phone calls, use FaceTime®, listen to podcasts or the radio, and even get GPS directions streamed straight to their hearing aids.

## HearPlus app for more control

It's never been easier or more discreet to control hearing aids. Using the Beltone HearPlus™ app, your patients can change volume, settings and programs, check battery status and even locate a lost hearing aid directly from their iPhone, iPad, or iPod touch. It's as discreet as checking email or typing a text message. Patients can also use tips and tricks in the app's "My hearing aid" guide to get the most out of their hearing aids.

## Accessories

Offer your patients a full range of powerful 2.4 GHz wireless accessories to stream sound directly to their Beltone Boost hearing aids, without the need for an intermediary device.

### Beltone Phone Link 2

The Beltone Phone Link 2 lets patients communicate hands-free, while giving them basic hearing aid remote control functions. It's easy to chat on the phone, change programs or adjust volume with the touch of a button.

### Beltone Remote Control 2

The Beltone Remote Control 2 allows patients to adjust volume in one or both hearing aids, change programs, or switch between wireless audio streaming from a stereo system, TV or PC. It's easy to make adjustments on the large display using the simple controls.

### Beltone TV Link 2

TV Link 2 streams high-quality stereo sound from the TV straight to the hearing aids. TV Link 2 also works with stereos and PCs and has Dolby® Digital Conversion, which makes it compatible with almost any TV.

### Beltone Personal Audio Link (myPAL)

myPAL gives conversations a boost by transmitting the voice of another person directly to Beltone Boost hearing aids. Whether at a conference, lecture, or social event, patients simply clip a Beltone myPAL on to the person they want to hear, and they can enjoy every word directly in their hearing aids.



Beltone  
myPAL

Beltone  
Phone Link 2

Beltone  
TV Link 2

Beltone  
Remote Control 2



Beltone HearPlus app



# Great Power and reliability

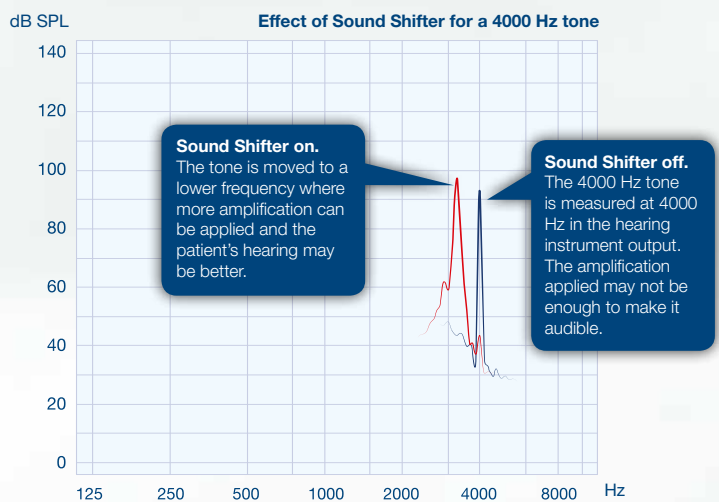
Beltone Boost is designed for the most challenging listening situations, and with a range of best-in-class sound processing features, it makes it easier for patients with severe-to-profound hearing loss to stay connected to the people that matter the most.

## Maximum power and comfort

Beltone Boost has 3 gain strategies: linear, semi-linear and Wide Dynamic Range Compression (WDRC). Linear amplification gives experienced users a sound image they know and are comfortable with. Select between Soft Peak clipping or Hard Peak clipping to limit output and ensure users get the perfect result. Soft Peak clipping is the ideal option when super power users want all the benefits of clean output limitation. It gives users a controlled high output, while providing a smoother, more comfortable sound, particularly higher intensity sounds. Hard Peak Clipping is the choice for super power users who want the most power. It provides a sound experience closer to traditional peak clipping.

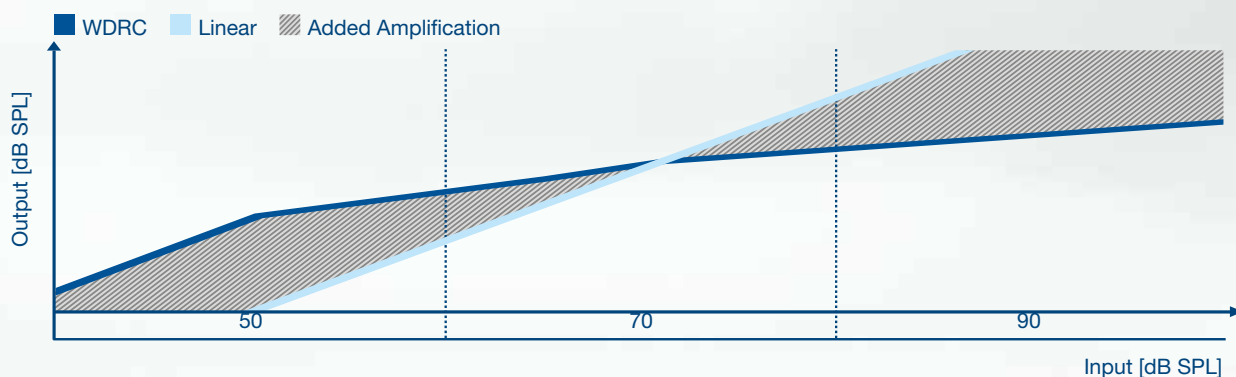
**Feedback Eraser** accurately targets feedback and removes it from the amplified signal. It gives an average of 18 dB added headroom, which greatly increases the stable gain available for any fitting. Only clean, undistorted sound reaches your patients' ears. The stability of the signal is dynamically monitored to keep gain consistently optimal. This means that the Feedback Eraser eradicates feedback, while allowing more gain with no compromise to sound quality.

**Sound Shifter** is a feature that compresses the hard-to-hear high frequency sounds into a smaller area of the sound spectrum, where these sounds can be more easily heard. This means your patients with severe-to-profound hearing loss can enjoy a fuller sound spectrum with more details, such as sounds of birds or children's voices.



*With Sound Shifter active, a 4kHz tone is proportionally lowered to just above 3kHz in the output of the hearing instrument. This can improve audibility for high frequency sounds, while preserving good sound quality.*

**HPF<sup>80</sup> NanoBlock** is a protective coating that keeps the hearing aids safe from moisture, sweat and dust, inside and out. It significantly increases the lifespan of the hearing aids, offering patients with severe-to-profound hearing loss the excellent reliability and hassle-free use they demand.





Moisture, sweat and dirt simply roll off the hearing aid, thanks to HPF<sup>90</sup> NanoBlock protection.





# Powerful connections for all situations

Beltone Boost includes advanced technologies and features to help improve patients' hearing and speech understanding in almost every situation they face, regardless of how severe their hearing loss is.

**CrossLink Directionality** constantly monitors surrounding sounds and automatically adjusts directionality settings to enable your patients to focus on speech without losing the ambient sounds that enrich their listening experience. This function gives your patients the freedom to decide what sounds are important to them, which may become crucial, particularly when it comes to 'safety' sounds, like sirens or calls for help.

**Smart Gain Pro** increases or decreases the gain and/or noise reduction settings automatically when the hearing aid identifies a change in the listening environment. It means your patients don't have to constantly adjust settings.

**Sound Cleaner Pro** works together with Smart Gain Pro and provides a clean acoustic signal that removes unwanted noise, so your patients can concentrate on the conversation exclusively and without any distractions.

**Ear to Ear Synchronization** works with features like Smart Gain Pro and Sound Cleaner Pro to create more accurate settings for more comfortable listening. It automatically applies program and volume changes from one hearing aid to the other, so patients can keep the same settings on both.





# Fast and easy wireless fitting

Beltone Boost is packed with industry-leading technology, yet it couldn't be easier to fit. It's a perfect choice when it comes to helping people with severe-to-profound hearing loss lead better lives.

Solus Pro fitting software is designed to make the fitting experience easier and more intuitive. It uses the Beltone Adaptive Fitting Algorithm (BAFA), which includes optimized settings for patients with severe-to-profound hearing loss, and offers personalization for the best possible hearing experience. BAFA considers typical gain preferences and the probability of dead regions in prescribing the best starting point for fitting severe-to-profound hearing losses.

The narrow dynamic range of those with severe-to-profound hearing loss means that output

control is crucial in preventing uncomfortably loud amplified sound. The Multi-Channel MPO feature allows you to adjust and customize the MPO handles in order to meet the individual needs of the patient.

Solus Pro connects to Beltone Boost hearing instruments for real wireless fitting. Just place the Beltone Airlink™ in a USB port and begin. There is no need for cords or large programming devices around your patients' necks.

## Big sound, great design

Ergonomically designed to fit nicely behind the ear, Beltone Boost offers great power and more features than ever in a truly compact size. Beltone Boost is comfortable to wear and available in a wide range of colors to better match individual styles and the needs of your patients.



BELTONE BOOST 95-DW

