Synergy: Made for Life
Education and Training

🐦 @StarkeyHearing

Starkey.
Hearing Is Our Concern

House keeping

I am speaking now....Can you hear me?

If you are having technical problems, please stay logged on and call Audiology Online at 1-800-753-2160

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House keeping

This session is available for 1/.1 CEU.

Must stay logged on for the full session.

Must successfully complete a short quiz.

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Learning objectives:

1. Able to identify the product lines utilizing the new Synergy platform

2. Able to identify the algorithms that make up the Acuity Lifescape Analyzer

3. Know what products are available in the CROS/BiCROS configuration

Starkey.
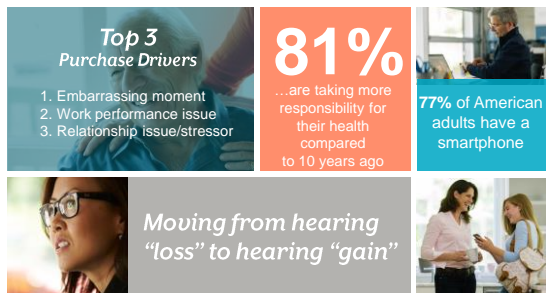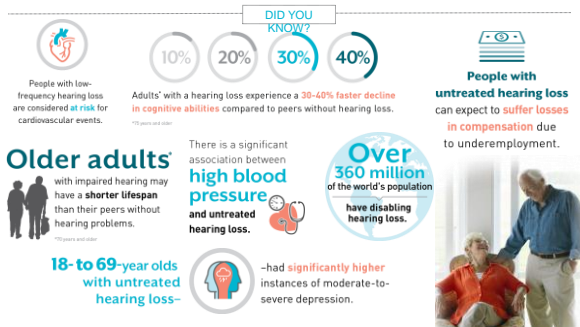Hearing Is Our Concern

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Synergy: Made for Life
Education and Training

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Hear better. Live better.

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Hearing Is Our Concern

New Generations
New Attitudes

Top 3
Purchase Drivers

1. Embarrassing moment
2. Work performance issue
3. Relationship issue/stressor

81%
…are taking more responsibility for their health compared to 10 years ago

77% of American adults have a smartphone

Moving from hearing "loss" to hearing "gain"

Made for *life*

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Made for Life Video

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

10% 20% 30% 40%

DID YOU KNOW?

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

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

Older adults' with impaired hearing may have a **shorter lifespan** than their peers without hearing problems.

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

Over 360 million of the world's population **have disabling hearing loss.**

18- to 69-year olds with untreated hearing loss–

–had **significantly higher** instances of moderate-to-severe depression.

2

Patient Feedback

"This is what I've been looking for for years. I'm not able to naturally hear my own singing voice and the music I'm playing or listening to value. wind bothered her.
I didn't have that problem!"

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

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

"Music algorithm is incredible."

"This is fantastic and even better with this series."

"I have never had a telephone conversation in both ears holding up a telephone to one ear. That has got to be in the next set of hearing aids."

Introducing

Made to deliver

Starkey Sound

- ● New Platform
- ○ New Operating System
- ○ New Hardware
- ○ Refreshed Inspire

Muse Platform

What is a platform?

The underlying hardware and computer system on which application programs run

The base configuration that an application, program, or process is integrated on

[Synergy®]

[Synergy®]

Made to deliver

Starkey Sound

○ New Platform

● New Operating System

○ New Hardware

○ Refreshed Inspire

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Muse Operating System

What is an operating system?

The most important software that runs on a computer

An interface between the computer and the user and also between the computer and the processing

[Synergy®]
with Acuity OS
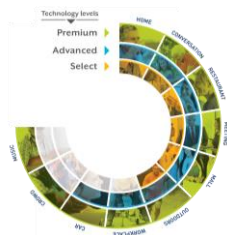
Starkey

Made to deliver
Superior Sound

Acuity Speech Optimization
Acuity Lifescape Analyzer
Music Enhancement
Multiflex Tinnitus Technology
Limitless Wireless

Made for *conversations*

Acuity Speech Optimization

Technology levels
Premium ▶
Advanced ▶
Select ▶

Acuity Speech Optimization

Combination of speech audibility, overall comfort, and enjoyment to deliver enhanced Starkey Sound

Twin compressor
Extended bandwidth
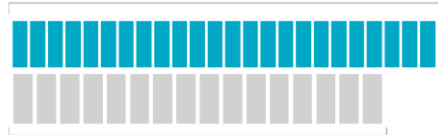Expanded channel and band processing
MPO Boost

Speech
Acuity Speech Optimization

Music
Music Enhancement
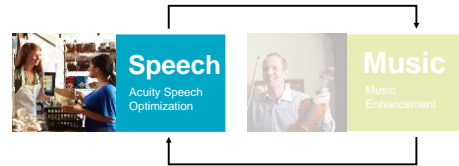
Extended **10** kHz Bandwidth
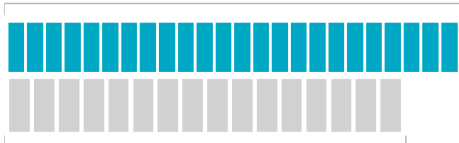
Previous generations have an **8** kHz Bandwidth

24 channels and bands on Premium technology tier

Previous generations have **16** channels and bands

MPO Boost

Additional maximum output for severe to profound hearing loss

Input and audiogram dependent

Available on all technology tiers

MPO Boost

Up to 5dB additional MPO

Additional maximum output for severe to profound hearing loss

Input and audiogram dependent

Available on all technology tiers
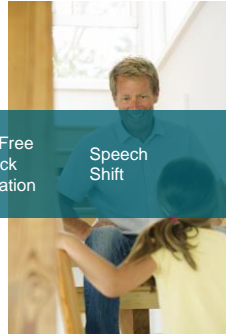
Made for everyday wear

| Auto Experience Manager | WhistleFree Feedback Cancellation | Speech Shift |

Synergy makes our best-in-class features even better

Made to deliver

Starkey Sound

○ New Platform

○ New Operating System

● New Hardware

○ Refreshed Inspire

Muse

Micro RIC 312t
Mini BTE 312 with telecoil
Custom

Wireless ⌐ i2400
         │ i2000
         └ i1600

Muse Mini BTE 312

Models Available:	i2400, i2000, i1600
Wireless	900 MHz
Features and Options	Telecoil and Autophone
	Programmable Push Button
	Adult and Pediatric Earhook
	Thin Tube Option
	Universal Right/Left Indicators
	Removable MIC Cover (no tool)
	Flex Strip Wired Programming
	IP 57 Quality Rating
Matrix Options:	130/60
Battery Size:	312
Standard Colors:	

Muse Micro RIC 312t

Wireless	900 MHz
Features and Options	Telecoil and Autophone
	Programmable Push Button
	SnapFit Receivers
	Hear Clear
	Universal Right/Left Indicators
	Removable MIC Cover (no tool)
	CS44 Wired Programming
	IP 57 Quality Rating
Matrix Options:	Stock Receiver: 115/50, 120/60
	Custom AP Receiver: 115/50, 123/60, 130/70
Battery Size:	312
Standard Colors	

Muse Custom

Wireless	900 MHz
Features and Options	Same user control options as Z Series
	Hear Clear
	CIC – Now with Autophone
	Flex Strip Wired Programming
Matrix Options:	110/40 (except ITE), 115/50, 120/60, 130/70
Battery Size:	13, 312, 10a
Standard Colors:	

SoundLens Synergy

Invisible In Canal	
Wireless	**Non-Wireless**
i2400	2400
	2000
	1600

SoundLens Synergy

Wireless	900 MHz
Features and Options	No user controls onboard device
	Hear Clear
	Autophone
	Flex Strip Wired Programming
Matrix Options:	110/35, 110/40, 115/50
Battery Size:	SurfLink Power 10a
Standard Color Combination:	
Faceplate Color Options:	

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Halo 2

RIC 13 with telecoil & push button	
Wireless	i2400
	i2000
	i1600

Halo 2 RIC 13

Wireless	2.4 GHz
Features and Options	Telecoil and Autophone
	Programmable Push Button
	SnapFit Receivers
	Hear Clear
	Universal Right/Left Indicators
	Removable MIC Cover (no tool)
	CS44 Wired Programming
	IP 57 Quality Rating
Matrix Options:	Stock Receiver: 115/50, 120/60
	Custom AP Receiver: 115/50, 123/60, 130/70
Battery Size:	13
Standard Colors:	

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New SnapFit Smart Receivers

More accurate acoustic option modeling for earbuds

New Comfort Earbuds

Technology Tier Portfolio

Feature	Premium i2400	Advanced i2000	Select i1600
Sound Imaging: Channels | Bands	24	20	16
Speech Compression: Acuity Speech Optimization			
Music Optimization: Music Enhancement			
Music Memory			
Music Adaptation	1 2 3 4	1 2 3 4	1 2 3 4
E2E Music Adaptation			
Ear-to-Ear Technology: Acuity Binaural Imaging			
E2E Wind Noise Management	1 2 3 4	1 2 3 4	1 2 3 4
E2E Machine Noise Adaptation	1 2 3 4	1 2 3 4	1 2 3 4
E2E Directionality			
*E2E Phone Streaming**			

|	Premium i2400	Advanced i2000	Select i1600
Environment Manager: Acuity Lifescape Analyzer	●	●	●
Music	1 2 3 4	1 2	1 2 3 4
Speech	1 2 3 4	1 2	1 2 3 4
Speech and Noise	1 2 3 4	1 2	1 2 3 4
Machine Noise	1 2 3 4	1 2	1 2 3 4
Wind	1 2 3 4	1 2	1 2 3 4
Noise	1 2 3 4	1 2	1 2 3 4
Quiet	1 2 3 4	1 2	1 2 3 4
Directional Processing: Acuity Directionality	●	◑	◔
Channels	24	20	16
Dynamic	●	▶	▶
Directional	●	▶	▶
Adaptive	●	▶	▶
Noise Control: Acuity Voice	●	◑	◔
Noise Reduction Strength	1 2 3 4	1 2 3 4	1 2 3 4

Made to deliver
Superior Sound

Acuity Speech Optimization
Acuity Lifescape Analyzer
Music Enhancement
Multiflex Tinnitus Technology
Limitless Wireless

Made for the way
people hear

Acuity Lifescape Analyzer
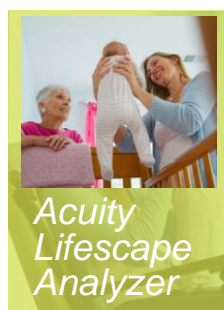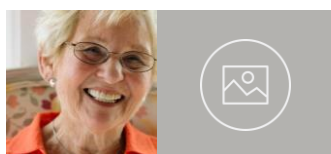
Acuity Lifescape Analyzer

- Acuity Directionality
- Acuity Voice
- Wind
- Quiet
- Machine
- Acuity Binaural Imaging

Acuity Lifescape Analyzer

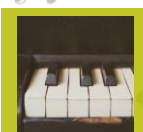Improved **classification** performance
Algorithms run in **parallel** more seamlessly
Includes an additional sound classification for **music**

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Acuity Lifescape Analyzer

Automatic Music Classification
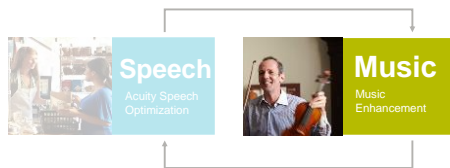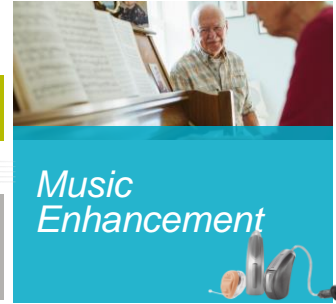
Dedicated Music Memory

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Superior Sound

Acuity Speech Optimization
Acuity Lifescape Analyzer
Music Enhancement
Multiflex Tinnitus Technology
Limitless Wireless

Made for
music

Music Enhancement

Speech
Acuity Speech Optimization

Music
Music Enhancement

For more info…
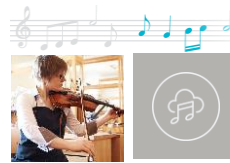
Other Starkey AO course:

Acuity Lifescape Analyzer

Made to deliver
Superior Sound

Acuity Speech Optimization
Acuity Lifescape Analyzer
Music Enhancement
Multiflex Tinnitus Technology
Limitless Wireless

Made for
everyday wear

Multiflex Tinnitus Technology

Multiflex Tinnitus

Now standard in all styles and technology levels

Patent-pending tinnitus solution designed with personalization and flexibility in mind

10 kHz bandwidth
for tinnitus stimulus

16 channels
of adjustability

Indicators
for tinnitus stimulus level adjustments

Made to deliver
Superior Sound

Acuity Speech Optimization
Acuity Lifescape Analyzer
Music Enhancement
Multiflex Tinnitus Technology
Limitless Wireless

Made for a happy,
healthy life

Limitless Wireless Connectivity

	Muse	SoundLens [Synergy]	Halo 2
Product			
Accessories			
Style	RIC, BTE, & CUSTOM	IIC	RIC

900sync

900sync

New and improved Stream Boost settings

New SurfLink Media 2 for higher fidelity streaming quality

Introducing….

Ear-to-Ear Phone

Hearing aid automatically streams phone signal to other ear

CROS/BiCROS

Available in 3 tiers

Muse i2400   Muse i2000   Muse i1600

Available in 2 styles
Micro RIC 312t & Mini BTE 312

Both come standard with push button & telecoil

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SurfLink Remote Microphone

Streams audio directly
to 900 Sync° instruments

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For more info…

Other Starkey AO courses:

Synergy CROS/BiCROS

900 Sync: Wireless for Life

TruLink

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TRULINK 3.0

Normal

For more info…

Other Starkey AO course:

Halo Version 2.0: Made for You

Made to deliver

Starkey Sound

○ New Platform

○ New Operating System

○ New Hardware

● Refreshed Inspire

Introducing
2016.0

For more info…

Other Starkey AO course:

Inspire X (Live software walk through)

Synergy:
Made for Life | Muse & Halo 2.0

@StarkeyHearing

Thank You

@StarkeyCares