SONIC | captivate™

captivate™

What life sounds like

Product Information Guide

www.sonici.com

SONIC
Everyday Sounds Better

SONIC
4S Foundation

Sonic is dedicated to improving life through enhanced hearing by constantly focusing on our 4S Foundation: **Sound** that's natural, **Speech** understanding in noise, **Simplicity** in all we do and **Style** that stands out. With Captivate, that adds up to a better hearing experience. Let this Product Information Guide show you how.

Contents

Captivate.
What life sounds like.

Easier listening, with detailed sound and fewer distractions.[1, 2, 3] That's what Captivate on the SoundDNA platform offers. With advanced processing power, Captivate adds new technology for better feedback and background noise control, providing a personalized hearing experience automatically. Patients can hear their own voices naturally and experience more comfort in noise. And to keep life moving without interruption, the new miniRITE T R features a built in Lithium-ion battery to power through a full day on a single charge,* even while streaming TV, music and more.

From clarifying conversations to streaming online entertainment, Captivate immerses patients in the sounds of life.

[1] Sonic (2019). SmartCompress. Sonic Spotlight Technology Paper.
[2] Sonic (2019). Adaptive Feedback Canceller Pro. Sonic Spotlight Technology Paper.
[3] Sonic (2019). SPiN Management. Sonic Spotlight Technology Paper.
* A full day is 18 hours.

The revolutionary SoundDNA platform from Sonic enables automatic, adaptive and flexible hearing aid technologies.

SmartCompress: Configurable adaptive compression system for intelligent amplification in noise

SPiN Management: Expert Speech in Noise Management System

Adaptive Feedback Canceller Pro: 2-in-1 system for better feedback control

Extended Dynamic Range: For clarity of loud speech

Dual-Radio System: Fast and direct wireless transmissions with low battery drain

Binaural Noise Management: Balances hearing in noise wirelessly from side to side

SmartMusic: Greater enjoyment of live music

IFTTT: Connect hearing devices to other devices via the "Internet of things"

Frequency Transfer: Shifts high-frequency input to frequencies with better hearing

Tinnitus SoundSupport: Customizable sound and amplification therapy

Rechargeability: Lithium-ion and silver-zinc rechargeable battery solutions

IP Rating: IP68 protection from dust and water

Adaptation Manager: Gradually increases gain settings over time

Low Frequency Enhancement: Add low frequencies into direct audio stream

EXPRESSfit® Pro

EXPRESSfit Pro Software: Features to speed and fine-tune fittings

Touchstone capabilities of SoundDNA:

» *Speech Variable Processing*
» *Phoneme Focus and Envelope Focus*
» *Noise Reduction Strategies*
» *Binaural Coordination*
» *Data Logging*
» *Real Ear Fit*
» *Wireless Connectivity Accessories*

Sound That's Natural

Captivate. Listen with ease.

SmartCompress adaptive compression system delivers intelligent amplification in noise.

Speech Variable Processing (SVP) is the unique digital signal processing strategy that gives Sonic hearing aids their signature sound. SVP works hand in hand with **SmartCompress**, the adaptive compression system found on the SoundDNA platform, to provide natural and detailed amplification for your patients.

Hearing aids typically apply compression to make sounds audible and comfortable in a manner that optimizes speech in quiet listening conditions. In fact, the most commonly used fitting rationales prescribe amplification targets specifically for this type of listening environment—speech in the absence of background noise.

For any real-world signals that contain speech and noise, compression may negatively affect the signal-to-noise ratio (SNR) coming out of the hearing aid—the output SNR—simply because parts of the noise are amplified when they should ideally be reduced. In order to achieve optimal amplification in noise, the compression system must be able to distinguish the signal from the noise by knowing the real-time SNR as it occurs.

SmartCompress does just that. It rapidly detects the short-term SNR of the signal at phonemic speed and the ongoing long-term SNR of the overall environment (Figure 1). This allows the system to apply amplification based on robust SNR information from both short- and long-term signal analyses. In other words, SmartCompress detects the SNR in real time to discriminate speech versus noise—and applies gain and compression based on an accurate SNR detection.

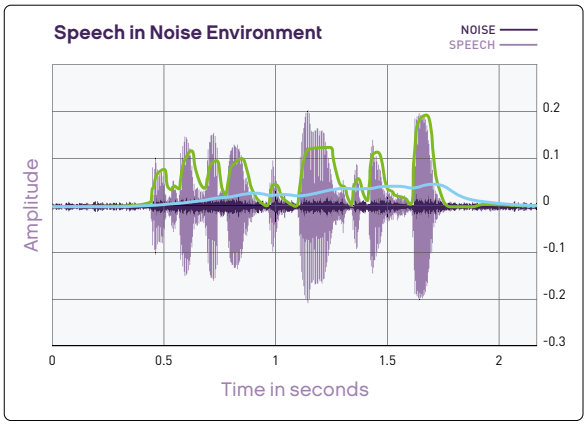


Figure 1: SmartCompress detects the short-term (green) and long-term (light blue) SNR of a speech-in-noise environment.

SmartCompress controls how the system reacts in two ways:

The **Compression Control** varies how much compression is applied in speech-in-noise environments. It determines how much the compression has to be decreased, or made more linear, in speech-in-noise listening environments. This limits the amplification of noise following short pauses in speech, or even between speech phonemes, to improve the output SNR. Control settings vary per technology level.

The **Gain Control** limits the amount of gain when speech is not present. It determines the occurrence of quiet and noise-only situations and applies less gain to signals detected in the absence of speech to improve comfort. Control settings vary per technology level.

SmartCompress Advantage

With the accurate speech-versus-noise detection that SmartCompress provides, many limitations of traditional compression can be overcome. While SmartCompress limits the amplification of noise during speech-in-noise settings, the speed and accuracy of SVP ensure that speech signals are not reduced, so speech intelligibility remains unchanged. The resulting cleaner, amplified signal can lead to many listener benefits,[1] such as:

- *More listening comfort in noise*
- *Improved ease of listening in noise*
- *Natural sound quality*

With advantages like these, Captivate aims to increase your patients' acceptance of using a hearing aid in quiet or in noise. To find out more about SmartCompress, visit www.sonici.com.

[1] Sonic (2019). SmartCompress. Sonic Spotlight Technology Paper.

Captivate. A more open fit with less risk of feedback.

Adaptive Feedback Canceller Pro combines two systems for advanced feedback control.

Advanced feedback cancellation is now available for your most challenging-to-fit patients.

The purpose of SoundDNA's Adaptive Feedback Canceller (AFC) system is to control feedback in unchanging, stable situations. Using a feedback monitor, an adaptive filter and phase cancellation, it ensures that signals coming from the output of the receiver are subtracted from the microphone's input to cancel feedback before it starts.

Now, a fast-acting supplementary system is responsible for managing feedback associated with sudden, unpredictable changes to the feedback path. This new algorithm uses spectral and temporal modulation cues to proficiently eliminate feedback caused by quick movements that alter the anticipated, predictable pathway (Figure 2).

The algorithm can quickly identify and suppress feedback that occurs when the feedback path abruptly changes.

Called AFC Pro, these two systems work together as one. Captivate with AFC Pro offers robust feedback cancellation capabilities, especially at higher output levels, compared to previous technology.

While the standard system continually operates in the background to quickly cancel feedback in static conditions, the speed of the new system adds 6 decibels (dB) stable gain in feedback-susceptible situations. This provides Captivate with a higher threshold of feedback in the fitting software and allows for a more open fitting with less feedback risk.

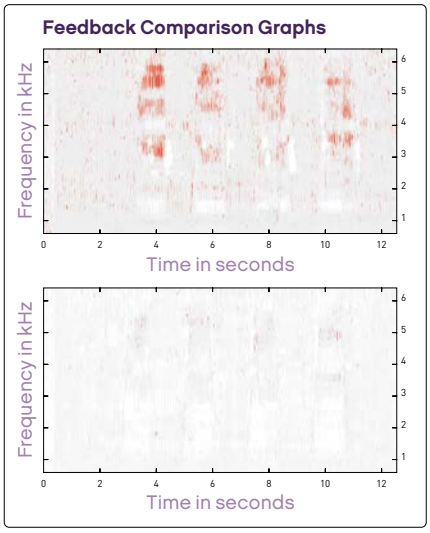


Figure 2: Spectrogram differences between hearing aid output without AFC Pro (top) and with AFC Pro (bottom). The portions on the spectrogram representing acoustical feedback are shown in red. With AFC Pro, nearly all audible feedback has been eliminated from the output.

AFC Pro Advantage

This 2-in-1 system offers listeners many benefits compared to previous technology,[1] such as:

- *Fewer distractions and interruptions from the annoyance of feedback, in both stable and changing conditions*
- *A better target match, for improved audibility of soft speech sounds*
- *More open fittings for a natural, own-voice sound*

With AFC Pro, Hearing Care Professionals will enjoy fitting a higher number of patients with a reduced risk of feedback. For more details, read the AFC Pro technology paper at www.sonici.com.

[1] Sonic (2019). Adaptive Feedback Canceller Pro. Sonic Spotlight Technology Paper.

Captivate. Access more sounds of life.

Frequency Transfer shifts high-frequency signals for better access to speech.

High-frequency hearing loss reduces the ability to hear soft, high-frequency consonants that are crucial for speech intelligibility.

Frequency Transfer helps people who have difficulty receiving high-frequency signals from their hearing aids by copying and transferring them to a lower frequency region. By sending this input to a region with better residual hearing, Frequency Transfer helps patients access and hear more speech cues.

On the SoundDNA platform, Frequency Transfer includes several features to help patients who have severe to profound high-frequency hearing loss. It offers up to 10 destination ranges, 7 intensity settings, high-frequency attenuation and manual activation in fitting software—so you can choose the right options for your patient.

Learn more! Read the Frequency Transfer technology paper at www.sonici.com.

Extended Dynamic Range keeps loud speech clear.

Captivate 100 offers Extended Dynamic Range (EDR) technology that expands the dynamic range of sound up to 113 dB sound pressure level (SPL). As sounds grow in intensity, EDR continues to provide clarity—especially helpful at movie theaters, performances, auditoriums and other places where sudden dramatic sounds really make the moment.

SmartMusic program for live music at its best.

SoundDNA's SmartMusic program is specifically designed for listening to live music by extending the dynamic range of sound to a fixed-level 113 dB SPL. With this program, listeners and performers can be immersed in dynamic, clear music at its best. The SmartMusic program is part of all Captivate technology levels.

Speech Understanding in Noise

Captivate. Hear conversations more clearly in noise.

SPiN Management controls Speech in Noise with a trio of technologies.

Speech in Noise (SPiN) Management is an advanced noise reduction system exclusive to the SoundDNA platform. With three systems working together as one, it can improve speech understanding in noisy listening environments—where your patients need help the most.[1]

SPiN Directionality

This specialized directional microphone system automatically activates to locate speech surrounded by noise—and is the key component to improving the signal-to-noise ratio (SNR). Directed by the level and location of noise, SPiN Directionality uses null-steering to select the microphones' polar patterns that will produce the optimal SNR in 16 independent frequency bands. The polar patterns continually adapt between omni- and full-directional settings in response to noises that move relative to the listener.

When the system is set to **Medium** Performance, the microphones adjust to a narrow directional pattern; on **High** Performance, they adjust to a narrower directional pattern. Options vary per technology level.

SPiN Noise Reduction

SPiN Noise Reduction removes noise that has not already been attenuated by SPiN Directionality. This fast-acting, modulation-based algorithm is designed to reduce the gain of low-modulation signals (noise) compared to high-modulation signals (speech). SPiN Noise Reduction is adaptive and automatically responds to changing listening environments. That means it reduces noise only as much as needed, as the SNR fluctuates. Operating in 16 independent frequency bands, this system manages the reduction of noise across the same frequency range as SPiN Directionality.

Available options that vary by technology level include **High**, **Medium**, **Low** or **Off**, ranging from most to least attenuation.

SPiN Engage

Hearing aid users will have different preferences for how much noise they are willing to accept in their listening environments. Personalize Captivate for your patients by engaging directionality and noise reduction settings to meet their individual needs. SPiN Engage indicates how much help they'll require in noisy conditions. It determines at which SNR ratio the directionality and noise reduction will adjust to the environment.

NEW! On **Very High**, the systems engage immediately at the onset of soft noise levels while the SNR is still high—great for patients who are very sensitive to noise. On **High**, **Medium** or **Low**, the systems begin to engage as noise levels progressively intensify and the SNR starts to lower. Options vary per technology level.

SPiN Management Advantage

Listeners can enjoy the benefits of this noise-reducing system on the SoundDNA platform compared to previous technology,[1] including:

- *Better speech understanding in noisy listening environments*
- *Settings that start at higher SNR levels to reduce background noise*
- *Personalized to meet patients' preferences*

To find out more about this robust trio of noise-reducing technologies that enhance speech, attenuate noise and optimize the control of it all, visit www.sonici.com.

[1] Sonic (2019). SmartCompress. Sonic Spotlight Technology Paper.

Captivate. Relief from distractions.

Binaural Noise Management reacts to unbalanced noise.

Use Captivate's wireless capabilities to support your patients who encounter situations with distracting, uneven noise from side to side. **Available in Captivate 100 and 80 technology levels,** Binaural Noise Management uses wireless technology to offset unpredictable noises that affect one side more than another. It compares the noise levels at each ear and reduces the loudest source of noise for a more balanced sound.

Impulse Noise Reduction lessens the discomfort of sudden, loud sounds.

Unanticipated, jarring noises like clinking plates, pots and pans can interrupt the stream of speech and cause listeners to miss out. With Impulse Noise Reduction, Captivate identifies and suppresses unexpected sounds without modifying the speech or other input people want to hear.

Wind Noise Reduction adjusts to outside activities.

Wind Noise Reduction constantly monitors the sound environment and reduces wind noise if present. It makes outdoor events more enjoyable by preventing the rush of wind from being amplified. When it detects wind, this feature quickly selects an optimal directional response and applies the instrument's maximum attenuation across all frequencies.

Soft Noise Reduction reduces low-level noise.

Soft, ongoing sounds are distracting if amplified by a hearing instrument. Soft Noise Reduction reduces soft background noise without changing the amplification of speech. This is especially useful for patients who have normal hearing at low frequencies, as soft noise can be audible for them.

Tinnitus SoundSupport provides customizable relief sounds for patients with tinnitus.

Complement your practice with innovative technology that supports your patients with tinnitus. Captivate aims to reduce your patient's perception of tinnitus by providing amplification and generating sound relief options at the same time with Tinnitus SoundSupport.

Tinnitus SoundSupport is optionally activated for patients who need it. More impressively, it can be customized with sounds that vary in level and frequency content. Plus, patients can control the relief sound volume per program, either with their volume control or via the SoundLink 2 App. It's an amazingly effective way to address patient-specific needs for this condition.

Tinnitus SoundSupport is available in all Captivate technology levels. Choose from a varied selection of nature sounds or broadband sounds, depending on individual patient preferences.

Learn more! Read the Tinnitus SoundSupport technology paper at www.sonici.com.

Simplicity in All We Do

Captivate. Recharge your day, just like that.

Lithium-ion rechargeability provides all-day power, even when streaming.

Introducing Captivate miniRITE T R, Sonic's newest rechargeable style on the SoundDNA platform. With an integrated Lithium-ion (Li-ion) battery and dedicated charging system, patients can enjoy a full day of power, even when connecting to their accessories.

About the miniRITE T R

Housed in the slim, discreet casing of a 312 battery-sized device with a built-in telecoil and push-button, the miniRITE T R has in-demand features. It is a Made for iPhone® hearing aid that delivers 2.4 GHz direct audio streaming and binaural communication from ear to ear. Standard on this model, the Li-ion battery offers robust battery life capacity for a full day's use following a short charging time. Plus, it can withstand several years of repeated charging without requiring replacement. The miniRITE T R is available in Captivate 100|80|60 technology levels and includes the latest features found on the SoundDNA platform.

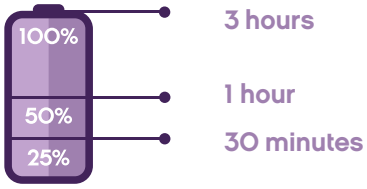
miniRITE T R in Charger

The miniRITE T R allows for a full day of use on a single charge.

User Scenario	Hours of Operation Time[1]
Light user (with 0.5 h iPhone & 2 h TV)[2]	24.7 hours
Moderate user (with 1 h iPhone & 3 h TV)[2]	23.9 hours
Heavy user (with 1.5 h iPhone & 6 h TV)[2]	22.1 hours

[1] The operating time depends on the fitting level, the use of connectivity features, battery age and sound environment.
[2] This is in addition to normal hearing instrument use without streaming.

Charging is fast, reaching full capacity in 3 hours.*



* Charging time may vary.

About the Li-ion Charger

From the battery technology to the design of the charger, the complete Li-ion inductive charging system is user-friendly for patients with dexterity issues or who simply prefer the convenience of not handling batteries. The charging unit has a modern, minimalistic look and is easy to use, even when traveling.

» *Small, lightweight charger*
» *Easy placement of miniRITE T R in the charger*
» *Power on/off LED indicator on charger*
» *Wall charger and USB 2.0 compliant port options, including PC, TV, car, power bank*

Captivate. Wonderfully Wireless.

Dual-Radio System
2-in-1 Wireless Technology.

Wireless connectivity is a way of life for today's hearing aid users. Captivate keeps up with the ways patients interact with their world by letting them control a variety of wireless operations—via program button, smartphone or other accessories from Sonic.

The Sonic SoundDNA platform makes wireless functionality practical—and simple—with the Dual-Radio System. This smart system employs 2.4 GHz technology so patients can stream audio directly to Captivate via their iPhone® or connect to other wireless devices.

It also incorporates Near Field Magnetic Induction (NFMI), providing fast ear-to-ear communication. Captivate featuring the Dual-Radio System ensures your patients stay connected to their lives.

If This Then That brings the Internet of Things to Captivate.

Digital hearing devices, meet digital world! Captivate makes the most of smart technology with the If This Then That (IFTTT) network. This web-based service connects all kinds of digital devices to help make life more convenient.*

For instance, Captivate wearers can get audible signals for an email received or get an alert when someone's at the front door. When its power is low, Captivate can send a text message to remind your patient to change the battery.

The ways to use IFTTT are growing every day. Your patients can use one or a dozen applications to suit their needs—and their imaginations. Explore the IFTTT community possibilities with your patients at www.IFTTT.com/go.

IFTTT can connect Captivate with smart devices like:

- *Entertainment systems*
- *Electricity and thermostat controllers*
- *Car stereos or remote starters*
- *Smartphone apps*
- *Home security systems*
- *Kitchen devices*

* Requires SoundLink 2 App. Details on page 17.

Help your patients make the most of Captivate with updated 2.4 GHz Bluetooth® Low Energy (BLE) wireless accessories.

SoundClip-A—allows patients to stream sound in stereo to Captivate from Android™ and other Bluetooth 2.1 smartphones and devices. It also functions as a remote microphone and remote control, and allows Captivate to be used as wireless headphones for hands-free calls.

Phone Adapter 2—creates hands-free phone conversations for landline phones, when used in combination with the SoundClip-A.

TV-A Adapter—plays TV audio directly to hearing aids without an intermediary transmitter, so patients can enjoy high quality Dolby Digital® stereo sound from their favorite shows. It connects to most TVs, and the at-home pairing is simple and fast.

RC-A Remote Control—is small enough to fit in a pocket or purse and lets a patient adjust volume, switch programs and control connectivity sources (like TV-A). There's no need to pair the RC-A during the fitting process; patients can do it at home themselves.

UPDATED! SoundLink 2 App—controls wireless operations like volume and program changes, and more, on an iPhone or Android smartphone.[1] Other conveniences include "Find my hearing aid," links to instructions and low-battery notification, and advanced Tinnitus SoundSupport control for additional personalization. The app can also connect users to their GO service on the If This Then That (IFTTT) website, www.IFTTT.com/go.

SoundLink 2 App

SoundClip-A Phone Adapter 2 TV-A RC-A

Low Frequency Enhancement boosts bass.

Add deep bass dynamics for your patients while they stream from their favorite devices. Low Frequency Enhancement is available on all Captivate models and technology levels.

[1] Captivate is a Made for iPhone® hearing aid that allows you to talk on the phone, stream stereo music, and stream video sound directly to your hearing aid. In addition, download the free SoundLink 2 App to control your hearing aid over your iPhone, iPad®, iPod touch®, and Android™ smartphones and tablets. For information on compatibility, please visit www.sonici.com/connectivity

Captivate. Simplicity in operation.

Captivate optimizes hearing behind the scenes.

Captivate continues to offer great Sonic features that help create a streamlined hearing experience.

Binaural Coordination

Binaural Coordination automatically shares information between left and right devices, so the instruments can communicate with each other. The experience is so natural, listeners might forget they're wearing hearing devices in the first place.

Binaural Synchronization

Volume and Program Changes
No need to make manual changes separately on each device. Captivate instruments have Binaural Synchronization, so a volume level or program change made on one device is simultaneously made on the other. Even the Push Button Mute feature easily synchronizes with just the touch of one button.

Non-Telephone Ear Control

The Non-Telephone Ear Control helps the listener take calls when using a handheld phone. The telephone program automatically recognizes the non-telephone ear and reduces gain or mutes the input on that side. This reduces distractions caused by non-telephone sounds and increases the perception of volume from the telephone.

Data Logging

The Data Logging system records usage information about patients' listening behaviors. By analyzing this information, you can fine-tune fittings and add value for your patients based on their historical data.

Captivate. Stunningly simple.

EXPRESS*fit*® Pro Sonic's easy-to-use fitting software makes fittings simple and intuitive.

Adaptation Manager

Help patients acclimate to their hearing instruments with this feature that gradually increases gain settings over time. Customize the number of adaptation steps and amount of adaptation time (from one week to four months) until the full gain prescription is active. Gradual adaptation of gain can result in greater acceptance and long-term use of hearing aids. It's a terrific way to support your patients, especially new hearing aid wearers.

Transfer Fitting

This tool lets you transfer settings from one hearing instrument to another in a follow-up fitting session. You can transfer settings from a selected fitting session to a new style, to another fitting level or to another price point in the same family. The transfer copies the standard insertion gain from the previous instrument as closely as possible, and adjusts them to the acoustics of the new instrument.

Real Ear Fit

Achieve accurate fittings and improve patient satisfaction by simplifying the real ear verification process. Real Ear Fit sequentially measures REUG and REAG, and then performs automatic fine-tuning of the response in a convenient, orderly flow. Matching the hearing instrument response to prescribed targets is automatic-no need to make manual adjustments for soft, medium and loud input levels. Real Ear Fit uses "Inter Module Communication 2" (IMC 2) to communicate with your REM system. For more information, go to www.himsa.com.

SoundStudio

Let your patients experience a Captivate fitting before they leave your office. Demonstrate dozens of audio clips through your fitting PC speakers from the Sound Library. You can even import sound files of your own or compose new scenes with the Scene Editor. SoundStudio can be integrated within EXPRESS*fit* Pro right from the tool bar for quick, easy access; it's also available as a stand-alone version.

Additional features in EXPRESS*fit* Pro

- *Streamlined design and fitting flow*
- *More fitting bands and graph view options for sophisticated adjustments*
- *Audible indicator tones for easier sound recognition*
- *In situ Audiometry*
- *Generate and print reports*
- *Firmware Updater* (no device change needed)*
- *Software Updater**

Noahlink Wireless

Noahlink Wireless with 2.4 GHz technology is a programming device that minimizes your effort and increases patient comfort when programming Captivate. The fitting software recognizes the hearing instruments and allows you to fit without the hassle or distractions of a neck loop, cables or connectors.

* Requires an internet connection.

Style That Stands Out

Captivate. Distinctive Style.

The Captivate miniRITE and BTE design is in the details.

With four models and up to seven colors to choose from, Captivate is available in styles that are effective for a variety of hearing needs. All Captivate devices include standard Dual-Radio System wireless technology, use the miniFit acoustic coupling system, and have an IP68 Rating for protection from dust and water.

1. **Dual Covered Microphones**
   - » Allow for sophisticated directional features to enhance performance in noise
   - » Keep unwanted debris and moisture from entering the device
2. **Program Button**
   - » Provides easy access for up to four listening memories
   - » Provides push-button volume control (miniRITE only)
3. **Volume Control**
   - » Programmable range
   - » Configurable alerting tones provide audible cue as volume is changed
4. **Wireless Connectivity**
   - » NFMI enables binaural communication between devices
   - » 2.4 GHz technology provides connectivity to external audio sources (mobile phone, television, computer, etc.)
5. **Battery Compartment: miniRITE, miniRITE T, BTE 105**
   - » Easy-open design
   - » Integrated on/off switch
   - » Size 13 (BTE 105) or 312 (miniRITE, miniRITE T) battery
   - » Tamper-resistant lock keeps the battery secure from children
6. **Acoustic Options miniFIT System**
   - » Four receiver sizes in four lengths (miniRITE, miniRITE T, miniRITE T R)
   - » Earhook or Thin Tube options (BTE 105 only)
   - » Custom Molds and miniFIT Domes available in a variety of sizes and configurations
7. **Rechargeability**
   - » Lithium-ion rechargeable solution (miniRITE T R only)
   - » ZPower optional silver-zinc rechargeable upgrade kit (miniRITE only)
8. **Ingress Protection Rating**
   - » Hydrophobic coating and overall design protects against dust and continuous immersion in three feet of water or more
   - » IP68
9. **ProWax miniFit System**
   - » Protects receiver from moisture and cerumen (miniRITE, miniRITE T, miniRITE T R)
   - » Replaceable by the patient
10. **Telecoil**
    - » Telecoil provides clear telephone reception (miniRITE T, miniRITE T R, BTE 105)
11. **If This Then That (IFTTT)**
    - » Connects Captivate instruments to other internet devices via Sonic Go service
12. **DAI/FM**
    - » Optional adapters for BTE 105 only

* Not all features are available on all models—refer to the chart in the back of this guide for details.

Model Overview

	 miniRITE	 miniRITE T	 miniRITE T R	 BTE 105
Battery Size	312	312	312	13
Power Model	Power Receiver	Power Receiver	Power Receiver	
Directional Microphones	■	■	■	■
Program Button	■	■	■	■
Volume Control	□	□	□	□
Telecoil		■	■	■
Wireless Connectivity	■	■	■	■
Receiver Sizes	Small (60) Medium (85) Power (100) Power (105)	Small (60) Medium (85) Power (100) Power (105)	Small (60) Medium (85) Power (100) Power (105)	
Earhook				□
Thin Tube				■
IP Rating	IP68	IP68	IP68	IP68
Tinnitus SoundSupport	■	■	■	■
IFTTT Internet Connection*	■	■	■	■
DAI/FM				■
Li-ion Rechargeability			■	
ZPower Rechargeability	□			

■ Standard □ Optional

* Requires SoundLink 2 App.

Color Options

beige taupe brown grey dark grey black gold†

† Gold color available in the Captivate[100] miniRITE only.

Feature Overview*

	captivate™ 100	captivate™ 80	captivate™ 60
Sound Quality			
Signal Processing		"Speech Variable Processing"	
SmartCompress	10 Options	6 Options	2 Options
Frequency Bandwidth	10 kHz	8 kHz	8 kHz
Phoneme Focus	■	■	■
Envelope Focus	■	■	■
Extended Dynamic Range	■		
Low Frequency Enhancement	■	■	■
Frequency Transfer	■	■	■
Tinnitus SoundSupport	■	■	■
Adaptive Feedback Canceller Pro	■	■	■
Noise Management			
SPiN Noise Reduction	4 Options	4 Options	3 Options
SPiN Engage	4 Options	3 Options	2 Options
Impulse Noise Reduction	4 Options	3 Options	3 Options
Wind Noise Reduction	■	■	■
Soft Noise Reduction	■	■	■
Directionality			
SPiN Directionality	2 Options	1 Option	1 Option
Omni Directionality	■	■	■
Fixed Directionality	■	■	■
True Directionality	■		
Binaural Coordination			
Volume and Program Change	■	■	■
Binaural Noise Management	■	■	
Non-Telephone Ear Control	■	■	■
Programming Options			
Universal Program	■	■	■
Fitting Bands	16	14	12
Environments	14	13	13
Manual Listening Programs	4	4	4
SmartMusic Program	■	■	■
Airplane Program	■		
Data Logging	■	■	■
Adaptation Manager	■	■	■
Wireless Programming	□	□	□
Real Ear Fit	□	□	□
Patient Conveniences			
Push Button Mute	■	■	■
Audible Performance Indicators	■	■	■
Start-Up Delay	■	■	■
Dual-Radio System	■	■	■
Wireless Connectivity Accessories	□	□	□
If This Then That (IFTTT) Internet Connection	■	■	■
Rechargeability	■	■	■

■ Standard □ Optional

* Not all features are available on all models.

SoundDNA Platform

www.sonici.com

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SONIC
Everyday Sounds Better