



WORLD FIRST WIRELESS COMPATIBLE
MODULAR HEARING SYSTEM

“Good hearing connects you to life”



TieXTM wireless

TRANSDUCERS IN THE EAR



New Trend in
Hearing

LIKE HUMAN, YOUR DEVICE IS UNIQUE

Hearing aids must have sufficient quality and hardware to respond to sound needs of people, and they must be individually customized to all types of hearing loss.

Helix developed the **TIE X** product with this awareness in mind, which is always on the go and takes into account variances in lifestyle, workspace, and individual hearing demands.

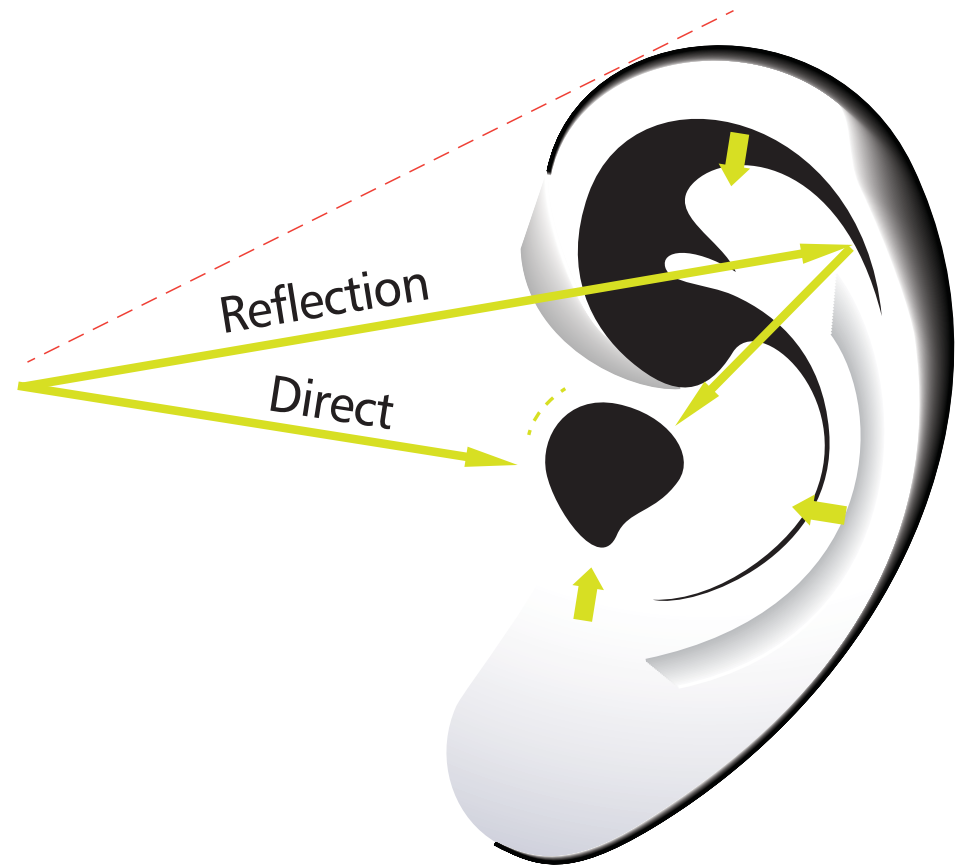
Helix offers **TIE X** technology, which is the result of R&D studies to make your hearing aid customized, acting on the premise that each individual is unique.

TIE X introduces you to the concept of "**natural sound**" and personalizes it by demonstrating a unique technology for bringing sounds to more understandable level.

TIE X, which integrates all of the biometric elements of the ear to the hearing line, allowing you to hear the "**most natural**" sounds, transforms into a flawless device with its technology that has a distinct sound character.

WHY TIE X AS YOUR FAVORITE?

- 1 It helps you to get higher sound quality and identify noises more quickly by adding all the functionalities of pinna to the transmission line.
- 2 It is so tiny that it cannot be seen behind the ear or in the canal because of its stylish and simple design.
- 3 It is designed with clinically proven advanced technology to provide a more stress-free listening experience.
- 4 It allows you to be more active in life and participate in the interactive world by connecting to smart mobile phones.





New Trend in Hearing

- 5 By using the most advanced future technology today, you will be among the first to benefit. In every aspect of your life, you will live safely and comfortably. For example, in a restaurant, you will be able to understand your partner more easily; in a shopping mall, you will be able to speak comfortably despite the loudness; and in seminars, you will be able to hear the speeches more clearly.
- 6 It captures consonants more quickly and makes words easier to understand because it has a wide frequency application.
- 7 You can easily determine the direction of the sounds and follow the speaker more easily. It prevents you from focusing on the wrong direction, especially in group conversations.
- 8 While walking outside or sitting in a tea garden, you will not hear the wind noise.
- 9 Standard models do not require molds, you can start using your device immediately.
- 10 The device is long-lasting, and in the event of a technical issue, your hearing center will replace the broken part within three minutes, allowing you to continue hearing. You won't have to wait for days for your device.

WHAT MAKES HELIX THE BEST CHOICE?

With its international success across over **50** countries and its ethical marketing approach, **Helix** is constantly working for the better with its specialist ENT doctors and skilled **R&D** staff, strives for **100** percent customer satisfaction.

Helix, which has been manufacturing since 2003 with ISO 13485, ISO 9001, FDA, and CE standards, contributes to the enhancement of the quality of life of people with hearing impairments through its logic that focuses on novel hearing acoustics solutions.



USER FRIENDLY HEARING AID

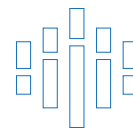
Helix consistently refreshes itself and continues to be a 'user-friendly' brand by generating multiple levels of performance according to the needs of the customers, keeping up with changing and emerging technology.

Helix offers hearing aids in four different categories: Premium, Advanced, Comfort, and Basic as a solution for:

- Comprehension issues that surface as hearing loss increases;



- Understanding difficulties, which are exacerbated in adverse acoustic environments,
- Increasing listening effort and accompanying fatigue as comprehension becomes more difficult,
- Sound quality degradation as a result of environmental factors



Sound



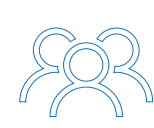
Speech



Comfort



Usage



Personal

DIFFERENT LISTENING ENVIRONMENTS

TIE X is equipped with 8 different listening programs with premium features.

TIE X technology brings even the most challenging acoustic situations to normal levels.

The intelligent recognition of the surroundings is a feature of the autopilot, which switches according to the natural environment.

The acoustic environment is automatically classified and the relevant program memory is activated.

The detection features are adjustable and the behavior of the device in any environment is completely flexible.

It can adapt to its surroundings by recognizing them in quiet environments, quiet speech environments, noisy environments, noisy speech environments, windy environments, and music environments.

It works synchronously with the automatic environment recognition in binaural adjusted hearing aids because of **EartoEar** technology, while providing superior adaption to every environment through automatic environment analysis.

According to the customized language, acoustic notifications activate sound level, program memory, and battery status.

TIE X MAKES MUSIC MORE ENJOYABLE

With a variety of streaming choices, you may connect to different audio sources and get the most out of the music.

You can considerably boost your music enjoyment with the bandwidth of TIE X.

You can get the most out of your favorite song without the dynamic limitations.

You can experience maximum hearing while listening to live concerts.



NOISE CAN BE CALMED

It has the ability to reduce noise levels and strengthen speech as a genuine achievement of modern technologies.

The '**next generation**' unique smart application of **TIE X** technology significantly calms the noise while offering the opportunity to adapt up to 49 frequency channels, offering unmatched hearing pleasure.

The **Cleverear App** integrated into the **TIE X** device was created to offer you a solution. You can personalize your environments, reduce the noise and adjust the volume with the **Cleverear App**.

You can get the performance you desire from your hearing aid with the **Cleverear App**.

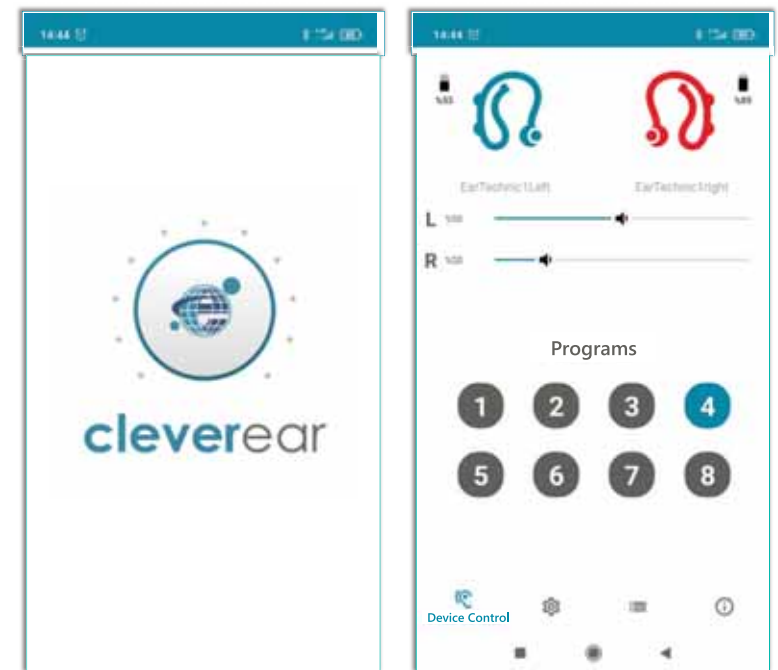


SMART APP SUPPORT

You can download the **Cleverear App** program from Google Play or AppStore® to your smartphones and manage your device as you wish.

You can switch between program memories, adjust the microphone volume, adjust the volume of the wireless source, select the sound channel of the wireless source, adjust the telecoil volume, and see the battery status of your device without the need for a fitting program with the **Cleverear App** you download to your phone in your **TIE X** hearing aid.

By altering the surrounding sounds using the **Cleverear App**, you can simply filter and focus on conversations. You can also change the ambient noise levels in real time.



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COMPATIBLE WITH SMARTPHONES

You can use your **TIE X** device to connect to any audio source with Bluetooth® capability.

You can make life more enjoyable by connecting your monoaural or binaural hearing aids directly to iOS and Android™ smartphones.

ConnectLine allows you to easily connect to a variety of Bluetooth-enabled audio sources.

You can easily view and listen to television shows, news, and movies with *TVLine*.



ConnectLine



TVLine

At meetings, seminars, on the road, or at work, you can easily communicate with your colleagues using *ConnectLine*.

DIRECT CONNECTION to Bluetooth Functions

When the phone rings, you perceive the sound through your device in both ears and hear it in both ears.



Bluetooth brand and logo are registered trademarks of the Bluetooth SIG[®] Inc. Use of these brands by ear-technic is under license.

TieTM X^{wireless} Pediatrics

TRANSDUCERS IN THE EAR

The wide frequency band, combined with its wide dynamic range, enables for a more detailed understanding of sounds. For all babies and children, every sound is essential. Every sound not only connects children to life better, but also gives them the opportunity to learn more about it.

Children can connect to life and current audio sources more easily with **TIE X wireless** technology, while listening to their lessons more comfortably with **ConnectLine** technology, and they can learn to talk earlier.

Furthermore, depending on the degree of hearing loss and the size of the ear canal, alternative length connection cables and standard or personal transducers modules can be used.

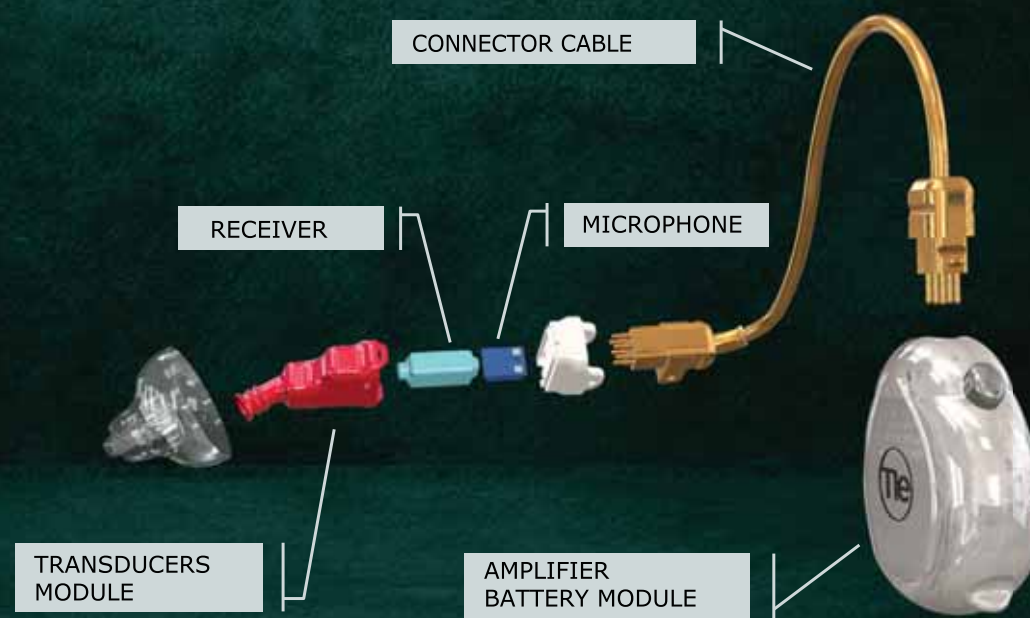


TIE X MODULAR SOUND SYSTEM

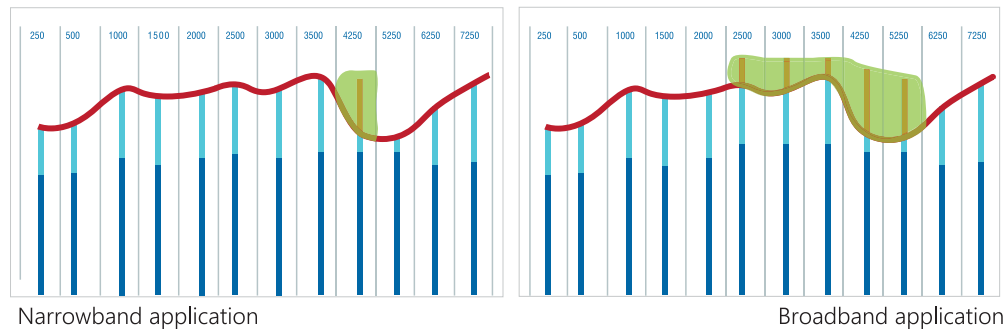
Sounds are now faster and clearer with the Ear Clarity technology platform.

In the TIE X modular system, the receiver and microphone are placed inside the ear canal, similar to the natural conduction line of the ear. The natural functioning of the auditory line allows the ear to perform naturally.

The satisfaction of clients and our specialists in hearing aid applications has been assessed to be above 98 percent.



TINNITUS THERAPY



New Generation T-FIS (Tinnitus-Frequency Isolation System)

- We have facilitated the lives of hundreds of thousands of people with years of experience and the experience we have brought to the sector.
- **T-FIS** (Tinnitus-Frequency Isolation System) offers excellent application opportunity with narrow band or broadband applications.
- It has clinically proven high success rate up to 86%
- Low frequency, medium frequency, high frequency application
- The frequency of tinnitus can be detected
- Level of audible sounds can be measured
- Monaural application
- Binaural application

Do not worry about
your **tinnitus**

Regain your peace with
Helix T-FIS THERAPY



helixhearing.com
Helix is a trademark of ear-teknik

TieXTM wireless TRANSDUCERS IN THE EAR

A high-tech hearing aid that appeals to visual taste, aesthetic color, usage style and sound health of everyone.

Which color is your favorite?



Champagne
B01



Silver
B02

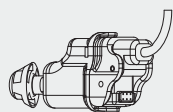


Beige
B03



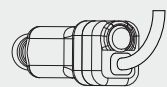
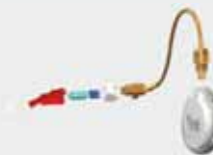
Dark Black
B04

TIE X MODULAR TYPES



Modular **S**

Mild to Moderate Hearing Loss | 312 battery



Semi-Modular **S**

Mild to Moderate Hearing Loss | 312 battery



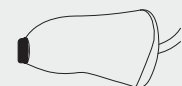
FP-**S**

Mild to Moderate Hearing Loss | 312 battery



FP-**M**

Moderate to Severe Hearing Loss | 312 battery



FP-**P**

Moderate to Profound Hearing Loss | 312 battery



TECHNICAL SPECIFICATIONS	TIE X 100 <i>Modular S</i> FP-S / FP-M FP-P	TIE X 200 <i>Modular S</i> FP-S / FP-M FP-P	TIE X 300 <i>Modular S</i> FP-S / FP-M FP-P	TIE X 400 <i>Modular S</i> FP-S / FP-M FP-P
Compression Application Parameter	30	40	60	80
Frequency Channel	16	24	36	49
KHz Sampling Frequency	24	24	24	24
MPO Output Limitation	6	8	12	16
EQ Band	16	24	36	49
KHz Broadband Fitting*	12	12	12	12
Program	4	4	6	8
WDRC Independent Channels	6	8	12	16
T-FIS (<i>Tinnitus Frequency Isolation System</i>)	—	White Noise	White Noise and Ocean Sound	White Noise and Ocean Sound
Noise Reduction	●	●	●	●
Super Feedback Manager	●	●	●	●
Automatic Environment Recognition	—	●	●	●
Tone and Voice Notifications	●	●	●	●
Low Battery Warning	●	●	●	●
Automatic Volume Control	●	●	●	●
Program and Memory Recording	●	●	●	●
Data Logging	●	●	●	●
Activation Delay	●	●	●	●
Omni-Directional TIE Technology Microphone	●	●	●	●
Fitting Formulas (NAL-NL2, DSL Adults/Children)	●	●	●	●
Frequency Channel and WDRC Channel Independent Fitting	●	●	●	●
Mobile Parameter Setting (Cleverear)	●	●	●	●
Airplane Mode	●	●	●	●
Binaural Automatic Environment Recognition	—	●	●	●
Connection with ConnectLine and TVLine	—	●	●	●
EartoEar Connectivity	●	●	●	●
Made for iPhone® (Phone call, Streaming)	—	●	●	●
Android™ Support (Streaming with ConnectLine)	—	●	●	●
Bluetooth® Control	●	●	●	●



KEY FEATURES

- 80 Compression Amplification Parameter
- 49 Frequency Channels
- 24 KHz Sampling Frequency
- 16 WDRC Channels
- 16 MPO Fitting
- 12 KHz Broadband
- 8 Program Memory
- **T-FIS** (Tinnitus-frequency Isolation System - White Noise & Ocean Sound)
- Noise Reduction
- Super Feedback Manager
- Automatic Environment Recognition
- Acoustic Notifications
- Sound Level Memory Feature
- Starting Program Memory Feature

- Data Logging
- Mobile Application (Cleverear)
- Made for iPhone
- Android Support
- Detection Feature
- Activation Delay
- AirPlane mode
- Connection to audio sources
- EarToEar Connectivity
- Multi functional button

With the features listed above, it provides excellent performance.

(Note: Features vary depending on the device model).

Programming System

Cable: CS44 Programming Cable (4 Pim System)

Battery: Programming without battery

Prgrm. Device : Hi-Pro / Hi-Pro2 with USB

Software: CorrectFit2



Programming Cable



Wireless Programming
ear-technic **FitLine**





“Good hearing connects you to life”

Helix has adopted the principle of solving the hearing problems since 1971, is constantly working to make people with hearing problems and their families happy with the products and solutions it offers.

Helix introduced superior helixhearing technology to hundreds of thousands of people in more than 50 countries around the world; proud to put a smile on faces and make them happy with the sound and

music in the ears, and songs and poems on their tongue.

Helix never gives up on its ambitions, together with its solution partners, to help people to focus on sounds better and hear the sounds that exist in the universe with all of their features, by continuing to discover leading technologies for people to be strongly connected to life.

good hearing
connects you to life



TieXTM wireless
TRANSDUCERS IN THE EAR



TieXTM *wireless*
TRANSDUCERS IN THE EAR

New Trend in Hearing



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You can contact your hearing center to get detailed information about **TIE X** technology, or you can access the detailed information through the channels below.



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