Biyonix Series

Even better sound quality!

earnet®
hearing systems

S-P
Smart Technology

RIC-MR
Exceptional Performance

Product Bulletin 2024-2

earnet ®
hearing systems

Rechargeable Behind-the-Ear Bluetooth Hearing Aid

Mini Power

Enjoy Life with
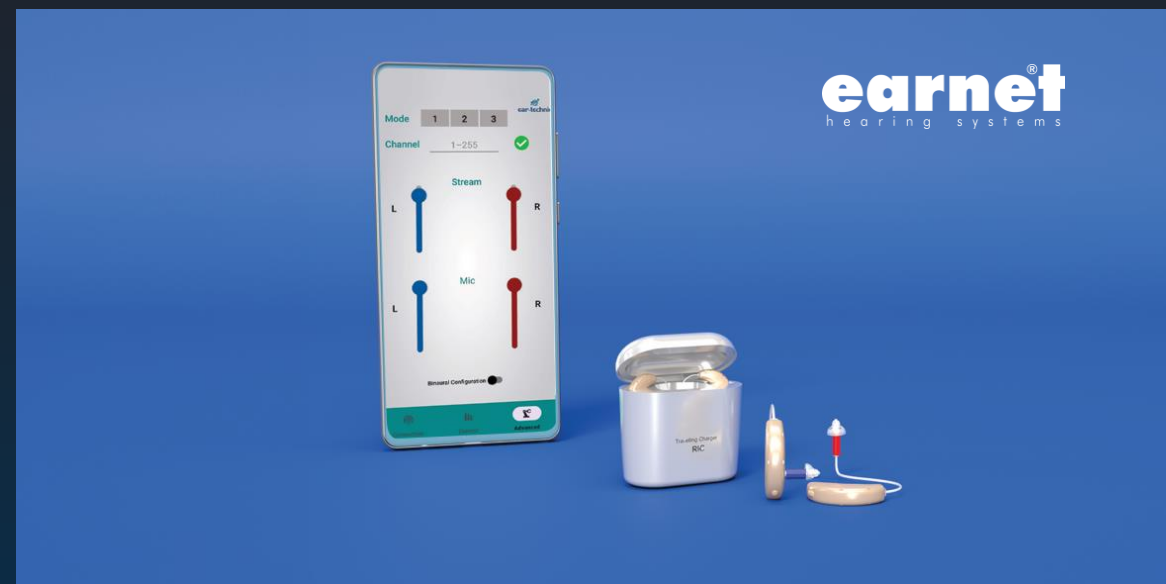## Next-Generation Technology

With your **Biyonix S-P Mini BTE Power** Rechargeable Hearing Aid, there's no need to carry spare batteries anymore. Equipped with advanced features, your device's touch-free button allows you to easily adjust sound and switch programs, letting you enjoy comfortable use and enhanced hearing to the fullest.

Compatible with smartphones

Download the **Cleverear** App program from Google Play or AppStore® and manage your device as you wish.

You can connect your **Biyonix** device to Bluetooth® enabled audio sources.

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

New Rechargeable & Bluetooth-Compatible

RIC-MR

Smart technology that offers more than just a hearing aid.

• 4-chip smart technology

• Touch-sensitive multifunctional button with Smart Sensor system

(Volume control - Program change - On/Off)

• Rechargeable hearing system

• Portable charger

• 24 hours of use with a 3-hour charge

• Charger capable of up to 4-5 recharges

• iOS and Android Bluetooth connectivity

• Enjoy the comfort and pleasure of enhanced hearing with a device packed with extra innovations

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Compatible with smartphones

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Lifetime Delivering happiness
Biyonix technology

We install your hearing line with the most advanced revolutionary acoustic technology. We contribute to your achievements as a strong and happy individual by experiencing the difference of superior technology with the same performance every day.

MicP	SPn	S-P	RIC-MR
312 batteries	312 batteries	Lithium-Ion	Lithium-Ion

MicP	**Moderate to Severe Hearing Loss**
SPn	**Severe Hearing Loss**
S-P	**Profound Hearing Loss**
RIC-MR	**Optional «S-M-P» for Mild, Moderate, and Severe Hearing Loss**

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With maximum energy
you are stronger

Crystal clear voice is now possible with Biyonix technology. By focusing on the human voice even in the most difficult acoustic environments, it significantly improves speech intelligibility.

P+	16 Channel WDRC 49 Fine adaptation bands
Pr	12 Channel WDRC 24 Fine adaptation bands
U	8 Channel WDRC 16 Fine adaptation bands
E	6 Channel WDRC 12 Fine adaptation bands

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Biyonix MicP

The first In-The-Ear hearing aid with Bluetooth Technology

The first In-The-Ear Hearing aid Biyonix MicP with Bluetooth offers excellent equipment with a remarkable resemblance to the ear. With the automatic environment recognition feature, your hearing aid adapts to the environment it enters.

You can also change the volume and switch programs with the Multifunctional button.

Cleverear

App Store'dan Indirin

Google Play 'DEN ALIN

AppGallery ILE KEŞFEDIN

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h e a r i n g   s y s t e m s

Compatible with smartphones

Download the **Cleverear** App program from Google Play or AppStore® and manage your device as you wish.

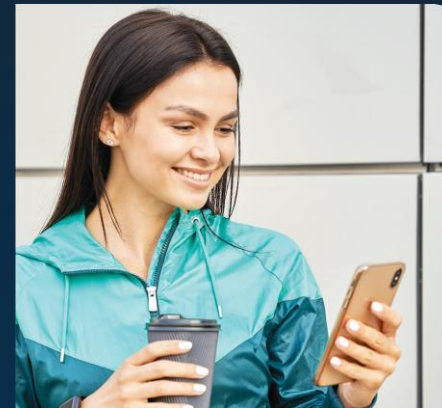You can connect your *Biyonix* device to Bluetooth® enabled audio sources.

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

Regular **communication**

Regular hearing is the first condition for a happy life. Have conscious communication with Biyonix technology and start building a meaningful life. The Biyonix device has the best quality in our industry and provides maximum performance even in difficult acoustic conditions. It does not allow your communication to be interrupted and your connection with life to be severed.

Streaming

You can Stream with your iOs and ASHA for Android supported Phones. You can clearly understand conversations and enjoy world-class music quality.

Maximum **performance**

- Maximizes speech intelligibility by suppressing noise in noisy environments.

- Provides a natural and unconcerned-hearing experience.

- It provides exceptional sound quality, perception and natural sensation without cognitive fatigue.

- It is always more sensitive to the human voice and strengthens the priority.

ConnectLine

Attach it to the collar of the person, who is speaking, allowing them to listen at a comfortable level on the road or in noisy environments.

In individual education, attach it on the teacher's collar and hear the sound loud and clear.

ConnectLine

Features
that make your life easier

Equipped with the technical features necessary to make life easier, to express yourself comfortably and to connect with life by hearing, Biyonix devices have the best equipment.

Like Mode

After you take your device out of your ear, the volume and program preferences remain in memory. When you put your device back in your ear, it starts at the same volume and with the same program.

Silent Mode

The device starts working after you put it in your ear. The time can be adjusted.

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Biyonix S-P
Pediatrics

Trackable
LED indicator:

With the red blinking LED on the rechargeable S-P model, you can monitor whether your child's hearing aid is actively working.

Additionally, since it has a rechargeable battery, it poses no risk for children.

FixCharger
BTE Power

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Biyonix
Pediatrics

Children are strong and catching up with natural sound

Biyonix Pediatric devices, which we developed for babies and children, offer the opportunity to use the most modern technology by children.

Each syllable and each word has a different impact on children's world. Those who hear sounds simply and in detail, integrate into the environment earlier and speak early and properly.

Biyonix Pediatrics

Facilitating functions

Size and Variety

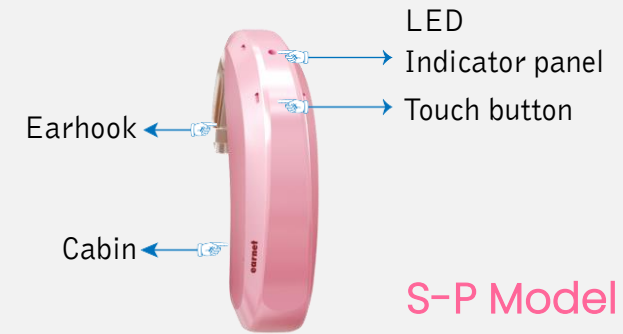The new models are more unique, more elegant and more powerful.

Battery door with safety lock is available for pediatrics.

To open the battery door, it can be opened by pressing the tip of a thin screwdriver in the battery door opening position as shown in the picture.

Stable and durable

Biyonix Pediatric devices are developed for children.

It is more resistant to water, dust, moisture, impact and dropping.

LED
Indicator panel
Touch button
Earhook
Cabin

S-P Model

1.Microphone
2.Microphone
Earhook
Volume control + / Program switching / Airplane mode
Cabin
Voice control - / Program switching
Programming socket
Safety lock
Battery cover

SPn Model

Blue
Pink
Transparent Blue
Transparent Pink

___ Pediatric Colors ___

Choose your
Favorite Color

As long as the hearing aid remains in your ear for hearing and perception, it is comfortable to use. We make sure that the devices are simple and comfortable to wear.
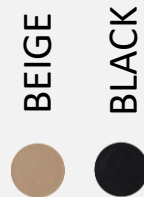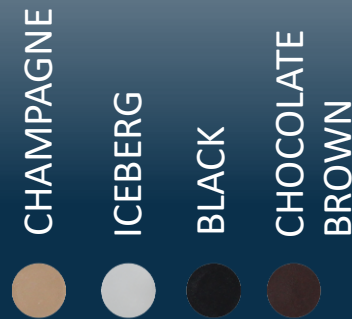
earnet®
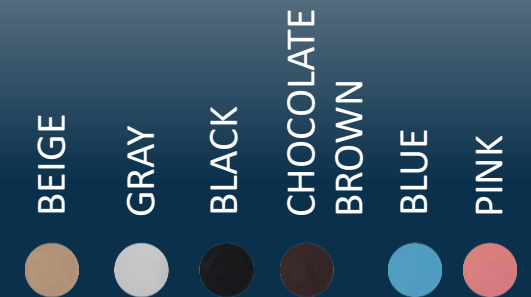hearing systems

SPn   S-P   RIC-MR

MicP

BEIGE   BLACK

— Standard Colors —

CHAMPAGNE   ICEBERG   BLACK   CHOCOLATE BROWN

— Painted Colors —

BEIGE   GRAY   BLACK   CHOCOLATE BROWN   BLUE   PINK

— Standart Colors —

Easy to manage your device

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Automatic environment recognition:
Biyonix devices have intelligent capabilities to analyze the environment and switch the program automatically. Thanks to EarToEar technology, binaural-tuned hearing aids automatically recognize the acoustic environment and adapt between the two ears.

Acoustic notifications:
Biyonix devices offer verbal notifications in Turkish, German and English. For example;

- Volume adjustment, volume level
- Program memory change

- Low battery warning
- Device start warning

Made For iPhone®:
Talk on the phone, listen to music, watch movies and videos without the need for any extra equipment with your Biyonix hearing aid designed in accordance with the new developing technologies.
Your Biyonix hearing aid is 100% compatible with iPhone ® and iPad.

Delay opening:
Biyonix hearing systems offer the possibility to start at a delayed and softened volume to reduce unwanted signal noise after the battery is inserted, until the device is worn in the ear.

Android Support:
Connect your Biyonix hearing aid directly to smart devices with Android operating system.
Talk, listen to music, watch movies and videos on your ASHA-supported phone without the need for an additional device.

Technical Specifications

Biyonix RIC-MR	E	U	Pr	P+
Compression Application Parameters	30	40	60	80
Number of Programs	4	4	6	8
Number of Channels	12	16	24	49
MPO-Channel	6	8	12	16
Microphone	2	2	2	2
Touch Button	VC / Prog / Device on-off	VC / Prog / Device on-off	VC / Prog / Device on-off	VC / Prog / Device on-off
Dimensions (LxWxD) mm	25,21 x 18,59 x 6,73	25,21 x 18,59 x 6,73	25,21 x 18,59 x 6,73	25,21 x 18,59 x 6,73
T-FIS (Tinnitus-Frequency Isolation System)	x	Static	Static and Dynamics	Static and Dynamics
Automatic environment recognition	x	✓	✓	✓
Streaming	x	✓	✓	✓
Wireless connection	✓	✓	✓	✓
Battery Type	Lithium-Ion	Lithium-Ion	Lithium-Ion	Lithium-Ion

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Technical Specifications

Biyonix
S-P

Biyonix S-P	E		U		Pr		P+	
	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler
Max. Output (dB SPL)	145	140	145	140	145	140	145	140
Max. gain (dB)	88	80	88	80	88	80	88	80
Frequency Domain	100/5600	100/5500	100/5600	100/5500	100/5600	100/5500	100/5600	100/5500
Number of Programs	4		4		6		8	
Number of Channels	12		16		24		49	
MPO-Channel	6		8		12		16	
Microphone	2		2		2		2	
Touch Button	VC / Prog / Device on-off		VC / Prog / Device on-off		VC / Prog / Device on-off		VC / Prog / Device on-off	
Dimensions (LxWxD) mm	37,35 x 19,83 x 8,53		37,35 x 19,83 x 8,53		37,35 x 19,83 x 8,53		37,35 x 19,83 x 8,53	
T-FIS (Tinnitus-Frequency Isolation System)	X		Static		Static and Dynamics		Static and Dynamics	
Automatic environment recognition	X		✓		✓		✓	
Streaming	X		✓		✓		✓	
Wireless connection	✓		✓		✓		✓	
Battery Type	Lithium-Ion		Lithium-Ion		Lithium-Ion		Lithium-Ion	

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Key Features

Biyonix **S-P** & **RIC-MR**

Biyonix E Series	
• 30 Compression Application Parameters	• Volume Control
• 12 Frequency Channels	• Starting Program/Volume Memory
• 24 kHz Sampling Frequency	• Datalogging
• 6 MPO Output Limits	• Activation Delay
• 12 EQ Bands	• Fitting Formula Settings (NAL-NL2, DSL Adult/Pediatrics)
• Up to 12kHz Fitting Bandwith*	• Frequency Channel and WDRC Channel Independent Adaptation
• 4 Programs	• Mobile Parameter Setting (Cleverear)
• 6 WDRC Channels	• EarToEar Connectivity
• Noise Reduction	• Bluetooth® Control
• FBC (FeedBack Canceller)	• Rechargeable Battery
• Program Change Warning (Voice or Tone)	
• Low Battery Warning (Voice or Tone)	

* Bandwidth is available in Gain Adjustments in Fitting software.

Technical Specifications

Biyonix MicP

Biyonix MicP	E Ear Simulator	E 2ccm coupler	U Ear Simulator	U 2ccm coupler	Pr Ear Simulator	Pr 2ccm coupler	P+ Ear Simulator	P+ 2ccm coupler
Max. Output (dB SPL)	125	117	125	117	125	117	125	117
Max. gain (dB)	63	55	63	55	63	55	63	55
Frequency Domain	100/6600	100/6100	100/6600	100/6100	100/6600	100/6100	100/6600	100/6100
Number of Programs	4		4		6		8	
Number of Channels	12		16		24		49	
MPO-Channel	6		8		12		16	
Microphone	1		1		1		1	
Multifunctional Button	Program + Audio		Program + Audio		Program + Audio		Program + Audio	
Dimensions (LxWxD) mm	-		-		-		-	
T-FIS (Tinnitus-Frequency Isolation System)	X		Static		Static and Dynamics		Static and Dynamics	
Automatic environment recognition	X		✓		✓		✓	
Streaming	X		✓		✓		✓	
Wireless connection	✓		✓		✓		✓	
Battery Type	312 batteries		312 batteries		312 batteries		312 batteries	

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Technical Specifications

Biyonix SPn

Biyonix SPn	E		U		Pr		P+	
	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler	Ear Simulator	2ccm coupler
Max. Output (dB SPL)	140	133	140	133	140	133	140	133
Max. gain (dB)	80	73	80	73	80	73	80	73
Frequency Domain	100/7100	100/6900	100/7100	100/6900	100/7100	100/6900	100/7100	100/6900
Number of Programs	4		4		6		8	
Number of Channels	12		16		24		49	
MPO-Channel	6		8		12		16	
Microphone	2		2		2		2	
Telekoil	+		+		+		+	
Digital Push Button	Program + Audio		Program + Audio		Program + Audio		Program + Audio	
Dimensions (LxWxD) mm	36.30x13.09x9.70		36.30x13.09x9.70		36.30x13.09x9.70		36.30x13.09x9.70	
T-FIS (Tinnitus-Frequency Isolation System)	x		Static		Static and Dynamics		Static and Dynamics	
Automatic environment recognition	x		✓		✓		✓	
Streaming	x		✓		✓		✓	
Wireless connection	✓		✓		✓		✓	
Battery Type	13 batteries		13 batteries		13 batteries		13 batteries	

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Key Features

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Biyonix E Series MicP & SPn	Biyonix U Series MicP & SPn	Biyonix Pr Series MicP & SPn	Biyonix P+ Series MicP & SPn
30 Compression Application Parameter	40 Compression Application Parameter	60 Compression Application Parameter	80 Compression Application Parameter
12 Frequency Channels	16 Frequency Channels	24 Frequency Channels	49 Frequency Channels
24 kHz Sampling Frequency	24 kHz Sampling Frequency	24 kHz Sampling Frequency	24 kHz Sampling Frequency
6 MPO Output Limiting	8 MPO Output Limiting	12 MPO Output Limiting	16 MPO Output Limiting
12 EQ Band	16 EQ Band	24 EQ Bands	49 EQ Band
Fitting Bandwidth up to 12 kHz	Fitting Bandwidth up to 12 kHz	Fitting Bandwidth up to 12 kHz	Fitting Bandwidth up to 12 kHz
4 Program	4 Program	6 Program	8 Program
6 WDRC Independent Channels	8 WDRC Independent Channels	12 WDRC Independent Channels	16 WDRC Independent Channels
	(T-FIS) Frequency Isolation System (White Noise)	(T-FIS) Frequency Tracking System (White Noise and Ocean)	(T-FIS) Frequency Tracking System (White Noise and Ocean)
Noise Reduction	Noise Reduction	Noise Reduction	Noise Reduction
Super Feedback Canceller	Super Feedback Canceller	Super Feedback Canceller	Super Feedback Canceller
	Automatic Environment Recognition	Automatic Environment Recognition	Automatic Environment Recognition
Tone or Speech Message	Tone or Speech Message	Tone or Speech Message	Tone or Speech Message
Low Battery Warning	Low Battery Warning	Low Battery Warning	Low Battery Warning
Automatic Volume Adjustment	Automatic Volume Adjustment	Automatic Volume Adjustment	Automatic Volume Adjustment
Program and Memory Recording	Program and Memory Recording	Program and Memory Recording	Program and Memory Recording
Data Logging	Data Logging	Data Logging	Data Logging
Start Delay	Start Delay	Start Delay	Start Delay
Fitting Adaptation Formulas (NAL-NL2, DSL Adult/Child)	Fitting Adaptation Formulas (NAL-NL2, DSL Adult/Child)	Fitting Adaptation Formulas (NAL-NL2, DSL Adult/Child)	Fitting Adaptation Formulas (NAL-NL2, DSL Adult/Child)
Frequency Channel and WDRC Channel Independent Adaptation	Frequency Channel and WDRC Channel Independent Adaptation	Frequency Channel and WDRC Channel Independent Adaptation	Frequency Channel and WDRC Channel Independent Adaptation
Mobile Parameter Setting (Cleverear)	Mobile Parameter Setting (Cleverear)	Mobile Parameter Setting (Cleverear)	Mobile Parameter Setting (Cleverear)
Airplane Mode	Airplane Mode	Airplane Mode	Airplane Mode
	Binaural Automatic Environment Recognition	Binaural Automatic Environment Recognition	Binaural Automatic Environment Recognition
	Connection with ConnectLine	Connection with ConnectLine	Connection with ConnectLine
Ear to Ear Connection	Ear to Ear Connection	Ear to Ear Connection	Ear to Ear Connection
	Made For iPhone® (Phone call, Streaming)	Made For iPhone® (Phone call, Streaming)	Made For iPhone® (Phone call, Streaming)
	ASHA For Android™ (Phone call, Streaming)	ASHA For Android™ (Phone call, Streaming)	ASHA For Android™ (Phone call, Streaming)
Bluetooth® Control	Bluetooth® Control	Bluetooth® Control	Bluetooth® Control

*Note * Bandwidth can be accessed in gain adjustments during Fitting.*

Programming

Biyonix Series models are included in the Eartuning2 program.

It offers professionals a richer set of options with an understandable interface.

You can program your hearing aids with Bluetooth capability using HiPro, as well as wirelessly with FitLine.

Programming System

CS44 Program Cablo

Model: **SPn**
Cable : CS44 Program Cablo *(4 Pin System)*
Battery : Battery-free programming
Progr. Device: Hi-Pro / Hi-Pro2 with USB / Wireless with FitLine
Software : Eartuning2

Model: **MicP**
Cable : ITE cable 312 Batt./Right & Left
Battery : Battery-free programming
Progr. Device: Hi-Pro / Hi-Pro2 with USB / Wireless with FitLine
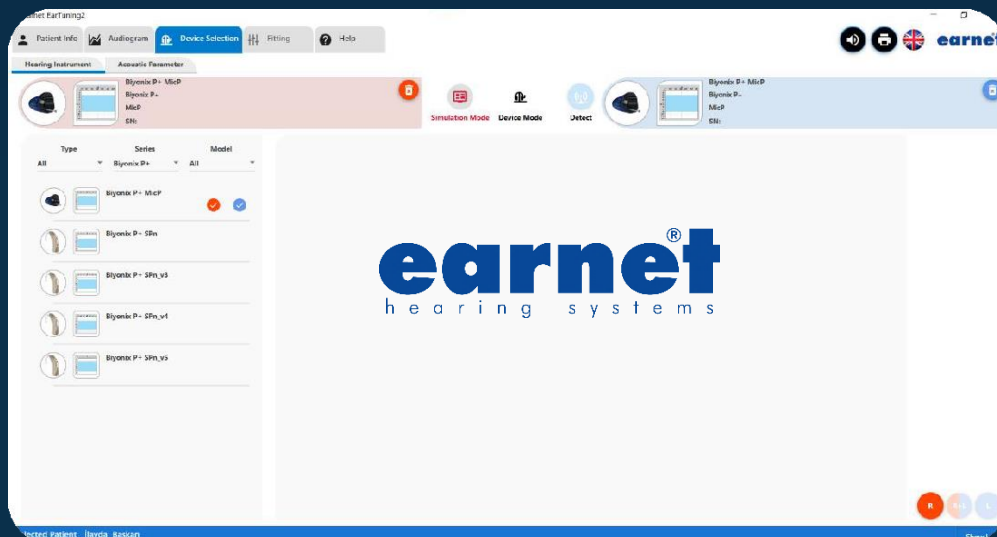Software : Eartuning2

ITE Cable

Model: **S-P / RIC-MR**
Progr. Device: Wireless with FitLine
Software : Eartuning2

Biyonix Series

Even better sound quality!

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beyond hearing

For detailed information about the Biyonix Series, you can contact your hearing center or access the detailed information we have prepared for you on the sources below!

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🌐 www.earnet.com.tr   **f** /EarTeknikTurkiye   🐦 /EarTechnicTR