

Innovation Brochure

April 2025



BETTER
HEARING
FOR EVERYONE





Better hearing for everyone

At A&M we can proudly trace our origins back to one of the world's first manufacturers of electrical hearing aids from the beginning of the 1900's. Since our foundation, we have strived to make the benefits of trusted audiological technology accessible to everybody with hearing loss.

Our name, which we interpret as an abbreviation for the Latin term 'Auditus Melior', meaning better hearing, reflects our brand promise of better hearing for everyone, and serves as a constant reminder of our goal. The use of Latin, as the language of science and medicine, further emphasizes our commitment to providing hearing care professionals with audiological proven hearing aids that are practical, easy-to-use and affordable for the people they serve.

As the number of people who need a professionally fitted yet affordable solution to their hearing challenge continues to rise, our mission to make proven audiological technology accessible to everybody is more relevant than ever before.

Innovations

Rechargeable and robust hearing aids



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New discreet IF CIC 2.0

XTM key features

Easy hearing in every soundscape

XTM hearing aids are designed to deliver easy hearing in every situation. With the Voice Ranger speech is enhanced and with First Fit 48 Channels the hearing aids provide accurate amplification according to the target gain of the customer.

Audiologically proven features providing comfort and speech understanding, working automatically and adapting depending on the scenario. Since the First Fit session, XTM hearing aids provide the required amplification with the feature First Fit 48 Channels. On top of this, with Voice Ranger users benefit from a more comfortable amplification in all situations, as it automatically adjusts the hearing aid settings to enhance the target speech while reducing the competing noises from the environment.



First Fit 48 Channels

All XTM hearing aids will calculate gain in 48 channels, available from the First Fit. Easy hearing as the amplification provided is accurate in relation with the hearing thresholds of the customer.



Voice Ranger

Trusted technology, automatically enhances the target speech while reducing the competing noises from the environment.



Dynamic Extender

The dynamic range is limited by the maximum sound level which can be processed without signal distortion. The higher the dynamic range, the better the hearing aid can amplify loud sounds without degradation of sound quality.



Sound Locator

With the Sound Locator function, which imitates the properties of the human ear, the hearing environment becomes clearer. Low frequencies are processed omni-directionally, high frequencies with a slight directional effect.



Adaptive Compression

Promotes audibility for lower intensity sounds and comfort for louder sounds, while amplifying the speech and mid intensity sounds. With the compression adjustments, it is possible to apply changes for low, medium and loud independently, without modifying the amplification of the other input levels.



Affordable rechargeability makes it so easy

The rechargeability of XTM devices enhances convenience, sustainability and affordability by eliminating the need for frequent battery replacements.

As well as reducing environmental waste, rechargeability ensures continuous performance without the worry of running out of power unexpectedly.

With reliable, long-lasting power and easy charging, users can enjoy uninterrupted hearing support, making the XTM devices an efficient and user-friendly solution for everyday use.

On top of that the hearing aids are IP 68 rated. This means they are dust and water resistant and therefore a reliable companion in every day life.

Universal Cable Charger

The Universal Cable Charger is the small and practical solution for charging the hearing aids.

Special features:

- Hearing aids automatically switch off when they are placed in the charger and they turn on when they are removed
- Automatic switch-off for overcharge protection
- Standard power supply with USB connector
- Compatible with standard power banks
- Optional stand for more handling comfort

XTM RIC R

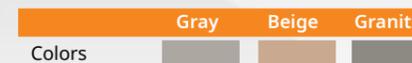


The flexible and rechargeable RIC

The RIC R is a small hearing aid designed for nearly every hearing loss thanks to the four different receiver types. This is the first time we offer a RIC device in Performance Level 6. The hearing aid is rechargeable and has an IP 68 rating which makes it dust and water resistant.



Receiver	S	M	P	HP
FOG/OSPL in dB	45/108	60/119	70/124	75/130
Battery runtime	up to 35 h			



Features	RIC R 10	RIC R 8	RIC R 6
Signal Processing / Compression-Channels / Programs	16 / 8 / 4	16 / 8 / 4	12 / 6 / 4
First Fit 48 Channels	•	•	•
Automatic Classifier	•	•	•
Wireless Sync	•	•	-
Directionality	Automatic Directional Microphone Multichannel Adaptive Directional Microphone Sound Locator	Automatic Directional Microphone Sound Locator	Automatic Directional Microphone
Voice Ranger	•	•	-
Noise Reduction	Noise Management Sound Smoothing	Noise Management	Noise Management
Wind Noise Cancelation	•	-	-
Bandwidth Compression	•	•	-
Music Enhancer	-	-	-
Tinnitus Function	•	-	-
XPhone	-	-	-
Dynamic Extender	•	•	•
Smart Automatic Acclimatization/Data Logging	•/•	•/•	-/•
Programmable Rocker Switch	•	•	•
Telecoil	-	-	-
IP Rating	IP68	IP68	IP68
Accessories & Apps			
Smart Key	•	•	•
myRemote App	•	•	•
CROS RIC	-	-	-
Universal Cable Charger	Mandatory	Mandatory	Mandatory

XTM P R

Comfortable hearing with rechargeable technology

The P R our most popular form factor is a powerful hearing aid for moderate to severe hearing loss that now offers rechargeability for easy handling of the hearing aids. For charging you only have to place the hearing aids in the affordable Universal Cable Charger. The My Remote app and the Smart Key remote control are available to further increase ease of use. With a newly designed housing, we have increased our IP rating up to IP 68 which means the devices are dust and water resistant.



	Earhook
FOG/OSPL in dB	75/134
Battery runtime	up to 39h



Features	P R 10	P R 8	P R 6
Signal Processing / Compression-Channels / Programs	16 / 8 / 4	16 / 8 / 4	12 / 6 / 4
First Fit 48 Channels	•	•	•
Automatic Classifier	•	•	•
Wireless Sync	•	•	-
Directionality	Automatic Directional Microphone Multichannel Adaptive Directional Microphone Sound Locator	Automatic Directional Microphone Sound Locator	Automatic Directional Microphone
Voice Ranger	•	•	-
Noise Reduction	Noise Management Sound Smoothing	Noise Management	Noise Management
Wind Noise Cancelation	•	-	-
Bandwidth Compression	•	•	-
Music Enhancer	-	-	-
Tinnitus Function	•	-	-
XPhone	-	-	-
Dynamic Extender	•	•	•
Smart Automatic Acclimatization/Data Logging	•/•	•/•	-/•
Programmable Rocker Switch	•	•	•
Telecoil	-	-	-
IP Rating	IP68	IP68	IP68
Accessories & Apps			
Smart Key	•	•	•
myRemote App	•	•	•
CROS RIC	-	-	-
Universal Cable Charger	Mandatory	Mandatory	Mandatory

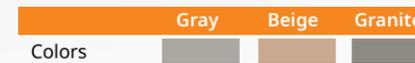
XTM XP R

The powerful and rechargeable hearing solution

The XP R is a superpower hearing aid for severe to profound hearing losses. Thanks to the rechargeable lithium-ion technology, this solution is easy-to-use, with no batteries to change. With enhanced audiological features designed for a pleasant listening experience, such as First Fit 48 Channels for an even more precise and easier fitting from scratch, we deliver on our brand promise better hearing for everyone.



	Earhook
FOG/OSPL in dB	80/140
Battery runtime	up to 88h



Features	XP R 10	XP R 8	XP R 6
Signal Processing / Compression-Channels / Programs	16 / 8 / 4	16 / 8 / 4	12 / 6 / 4
First Fit 48 Channels	•	•	•
Automatic Classifier	•	•	•
Wireless Sync	•	•	-
Directionality	Automatic Directional Microphone Multichannel Adaptive Directional Microphone Sound Locator	Automatic Directional Microphone Sound Locator	Automatic Directional Microphone
Voice Ranger	•	•	-
Noise Reduction	Noise Management Sound Smoothing	Noise Management	Noise Management
Wind Noise Cancelation	•	-	-
Bandwidth Compression	•	•	-
Music Enhancer	-	-	-
Tinnitus Function	•	-	-
XPhone	-	-	-
Dynamic Extender	•	•	•
Smart Automatic Acclimatization/Data Logging	•/•	•/•	-/•
Programmable Rocker Switch	•	•	•
Telecoil	-	-	-
IP Rating	IP68	IP68	IP68
Accessories & Apps			
Smart Key	•	•	•
myRemote App	•	•	•
CROS RIC	-	-	-
Universal Cable Charger	Mandatory	Mandatory	Mandatory

Benefits of the IF CIC 2.0

The IF CIC 2.0 hearing aid is a small and almost invisible in-the-ear hearing aid for immediate fitting. The 2.0 version is smaller than its predecessor for an even more discreet look. The reduced housing size also means that the hearing aid can be fitted to more ears. With a wide variety of click sleeves and click domes, the hearing aids can be customized to fit almost any ear.

Another benefit of this form factor is that the outer ear's function of localizing sounds is still effective, as the hearing aid sits in the ear canal, which brings a more natural hearing experience.



High Resolution SoundPro

XTM IF CIC 2.0 identifies the soundscape and automatically adjust the gain, directionality and noise reduction systems. The fitting procedure is easy and simple, the settings are applied after First Fit.



Single Mic Directionality

Promotes better speech understanding while reducing the perception of the surrounding noises. Thanks to the Wireless Sync it is possible to provide directionality for XTM IF CIC 2.0 in a binaural fitting.



Dynamic Extender

Better sound quality, overall sounds and especially the louder input sounds are processed to minimize distortion.



IF CIC 2.0

Discreet and easy to use

The IF CIC 2.0 is a small, very discreet in-the-ear hearing aid to be fitted in the ear canal. Thanks to High Resolution SoundPro these hearing aids automatically detect the hearing soundscape and adjust accordingly while the Dynamic Extender reduces sound distortions for a more natural sound. But the High Resolution SoundPro benefits not only the wearer, but it also makes fitting very easy. With only one slider to adjust in the fitting software, the parameters for noise reduction and directionality are easily adjusted.



	Black	Mocha	Blue	Red
Faceplate	Black	Mocha	Blue	Red
Housing			Blue	Red

FOG/OSPL in dB	50/114
Battery current consumption	1.2mA

Features	IF CIC 12	IF CIC 10	IF CIC 8
Signal Processing / Compression-Channels / Programs	24 / 12 / 6	16 / 8 / 4	16 / 8 / 4
First Fit 48 Channels	•	•	•
Automatic Classifier	•	•	•
Wireless Sync	•	•	•
Directionality	Automatic Adaptive Omni	-	-
Voice Ranger	•	•	•
Noise Reduction	Noise Management Sound Smoothing	Noise Management Sound Smoothing	Noise Management
Wind Noise Cancellation	•	•	-
Bandwidth Compression	•	•	•
Music Enhancer	-	-	-
Tinnitus Function	Sound Therapy Notch Therapy	Sound Therapy Notch Therapy	-
XPhone	•	-	-
Dynamic Extender	•	•	•
Smart Automatic Acclimatization/ Data Logging	•/•	•/•	•/•
Programmable Rocker Switch	-	-	-
Telecoil	-	-	-
Color Conversion Kit	-	-	-

Accessories & Apps			
Smart Key	•	•	•
myRemote App	•	•	•
CROS	-	-	-



04/2025 / Subject to technical changes; errors excepted. Colors may vary due to the printing process.

Specifications: All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015

