

Visualize better hearing

– binaural, simultaneous, wireless
Visible Speech Mapping



AURICAL Visible Speech

Hearing Assessment

Fitting Systems

Balance Assessment

GN Otometrics

MADSEN · AURICAL · ICS

Finally, the right tool for Visible Speech

A fast and easy way to visualize hearing loss and optimize counseling



AURICAL Visible Speech is based on wireless technology making the fitting process both comfortable and relaxed.



The ability to make binaural measurements saves valuable time.

Mapping!



A quick and simple tool focused not only on the patient but also on the family

AURICAL Visible Speech sets new standards for objective fitting, counseling, and verification. It's easier, faster, and more intuitive thanks to new, dynamic features.

Comprehensive fitting and counseling

AURICAL Visible Speech is a unique new fitting solution that helps the patients and their families visualize the hearing loss. It also provides an objective demonstration of different hearing instrument features.

AURICAL Visible Speech includes wireless, binaural probe microphones, counseling wizards, and software for visualization of speech signals in the ear. Thus, the fitting process is both well-structured and easy to understand. All in all, the

result is a more efficient fitting process.

AURICAL Visible Speech helps you enter a new era where simplicity and objectivity are the cornerstones of patient counseling, fitting and verification.

As complimentary systems, AURICAL Visible Speech, the AURICAL Plus audiometer, and the OTOcam video otoscope each play key roles in the entire fitting process.

Improve your fitting success through:

- **Fewer returns**
 - increase patient satisfaction
- **Involving both patient and family**
 - visualize hearing loss
- **Faster fitting**
 - binaural, simultaneous measurements
- **Setting realistic expectations**
 - simulate hearing improvement
- **One tool for all hearing instruments**
 - demonstrate features and benefits across all hearing instrument categories
- **Truly flexible fittings**
 - wireless connection using Bluetooth® technology
- **Off-site visits**
 - small and portable system

Advanced Hearing Instrument Simulator

Making it real

The Hearing Instrument Simulator allows you to demonstrate the benefits of amplification to a patient who has never worn a hearing instrument before. This feature is an excellent alternative to using a stock hearing instrument for demonstration purposes. The system applies the NAL-4 non-linear fitting rule by default to the patient's audiogram and simulates a hearing instrument while the patient listens to the signal through headphones.

Live Speech Mapping

Improving the fitting process

The Speech Mapping module works together with the wireless neck unit. They form an important element in optimizing the workflow for the clinician and help ensure better fitting and more satisfied patients.



Instrument simulation is presented to the patient. Even the voice of the spouse can be experienced using a table microphone.



Managing patient expectations is very important for successful fitting.

With AURICAL Visible Speech, you can verify instrument performance by playing live sounds through speakers. If performance fails to live up to expectations, you can correct it based on real ear measurements and patients are able to understand your clinical recommendation. Moreover, by taking an active part in the process – be it fitting, veri-

fication, or troubleshooting - patients are more likely to be successful with the hearing instruments. As a result, AURICAL Visible Speech guarantees improved clinical workflow and higher patient satisfaction, resulting in fewer returns.

Wireless neck unit

Intelligent binaural hardware

A wireless connection to your computer helps reduce physical and psychological barriers so your patients feel more free and relaxed. Not surprisingly, the new system also helps to create a positive overall impression of you and your practice. The binaural neck unit communicates with the AURICAL Visible Speech software via Bluetooth® wireless technology using pre-calibrated intelligent probes. The entire system is easy to take along with you when you need to make audiologic measurements off-site or for troubleshooting. The neck unit rests in an elegant inductive charger stand when not in use.



Wireless neck unit.

Making your workday flow better

The AURICAL Visible Speech system will change the way you work and innovate your clinical environment.

Most clinicians work in a hectic environment. They have a clear need for fast and easy tools that provide necessary information for streamlining all activities related to fitting, counseling, and verification. This is the primary idea behind AURICAL Visible Speech.

Easy off-site fitting

The wireless feature makes it easier to use portable tools for off-site visits. AURICAL Visible Speech includes NOAH-compatible software for unparalleled portability and greater convenience when performing off-site fitting and troubleshooting. And what's more - the same system can be shared by clinicians and even between practices!

Handy and flexible

With its small size, the AURICAL Visible Speech frees up valuable space in the practice. The wireless neck unit can be placed on a table or mounted on the wall.

Improved workflow

Through better fitting and counseling, AURICAL Visible Speech guarantees higher patient satisfaction. Not only does this give you more time for fitting, it also means fewer returns and improved troubleshooting.

Professional image

Patient confidence is established in many ways. One of these is by presenting a clean, modern looking practice with state-of-the-art equipment such as AURICAL Visible Speech. This promotes trust, resulting in greater patient satisfaction and more referrals.

Intelligent Integration™

The wireless practice is part of our vision for the future. PC-integration of the audiology instruments, including being able to share data, embed information in reports, and choose various printing options, will form the backbone of the modern practice. We call this seamless transmission of data between different instruments "Intelligent Integration™".



The freedom of wireless technology is just one benefit of the new AURICAL audiology systems.



Eliminating wires not only helps create a positive impression, it also breaks down the psychological barriers that may exist between you and your patients.




Intelligent Integration is the concept guiding the development of all new products from GN Otometrics.

Improve your patient satisfaction with an integrated fitting solution




Your tools of choice throughout the fitting process



OTOcam

A compact camera control unit with integrated light source and a lightweight high resolution otoscope camera. The two-picture freeze memory and the NOAH software allows for detailed examination and paper-based/electronic all-round documentation. Ideal as a fitting tool for demonstration purposes.




AURICAL Plus

The gold standard for audiologic diagnostics and hearing instrument fitting and programming. Now with openREM to meet the increasing popularity of non-occluding, open-fitted hearing instruments. Extensive NOAH compatible software package.



AURICAL Visible Speech

The intuitive software together with the binaural neck unit for real ear measurements form the basis of a powerful tool for counseling patients and their families.



NOAHlink

Developed in collaboration with the hearing instrument industry, NOAHlink provides hearing care professionals with a universal wireless hardware interface for programming all types of hearing instruments – both digital and analog.

Technical specifications:

Bluetooth:	vers. 1.2, class 2 (10 m/33 ft)
Dimensions (HxWxD):	0,23cm x 35 cm x 23 cm (0.91" x 13.7" x 9.1")
Weight:	0,180 kg (0.34 lbs)
True 4 channel FFT:	4x2048 points FFT (Binaural 2 channel/side) with log conversion
Dynamic range:	> 80 dB
Calibration data:	Stored in detachable probes electronically via intelligent transducers
Battery type:	One rechargeable battery* Ni-MH, size AA (R6) 1.2V. Can also be used with size AA Alkaline battery
Battery lifetime:	5 hours by continuous use
Inductive charger unit	
Input voltage:	100-240 V AC, 50/60 Hz
Power consumption:	< 5 VA (while charging)
Dimensions (with table plate)	
(HxWxD):	29 cm x 18 cm x 23 cm (11.4" x 7.1" x 9.1")
Weight:	0,825 kg (1.8 lbs)
System requirements – AURICAL Visible Speech software	
Windows® 2000 with SP 3 or later, Windows® XP Professional with SP 1 or 2	
Software:	NOAH3 measurement module, Audiogram entry, Hearing Loss Simulator, Hearing Instrument Simulator, Speech Mapping, OnTop Mode
Stimuli:	Live, on-site recordings, sound library, CD material (wav, mp3)
Standards	
Safety:	EN 60601-1, UL 2601-1, CAN/CSA-C22.2 NO 601.1-90
EMC:	EN 60601-1-2, EN 300 328-2, EN 301 489-17

*Use only rechargeable batteries supplied by GN Otometrics A/S

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Designed for use with NOAHlink



GN Otometrics is the world's leading manufacturer of hearing and balance instrumentation and software - innovative concepts designed to help healthcare professionals make the best possible decisions. Our solutions range from infant screening applications, audiologic diagnostics and office management software, to balance testing and hearing instrument fitting.

Headquartered in Copenhagen, Denmark, and with a center of development in the United States, we maintain a global network of distributors and subsidiaries. GN Otometrics is part of GN Store Nord.

Hearing Assessment

Fitting Systems

Ba nce Assessment

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AURICAL Visible Speech



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