

allegro



 audifon

audifon

High-Tech made in Germany



audifon develops and produces innovative and powerful hearing-technologies. All processes – from the development of the first prototype to the final control of the series production – are quality-controlled according to ISO 9001.

A wide range of cosmetically attractive hearing instruments and a reputation for quality assuring high customer satisfaction.

audifon-products are available worldwide in over 60 countries.

allegro



allegro – sets standards in the fully digital economy-class

Fully digital signal processing

The allegro product-line permits the most important audiological parameters to be changed through audifit – audifon's efficient fitting system.

In comparison with analogous hearing aids, this clearly means a higher flexibility in the adjustment of the hearing aid.

Sound quality

The newest generation of fully digital signal processors guarantee the highest sound quality in all allegro products. This results in a high customer acceptance for all allegro-products.

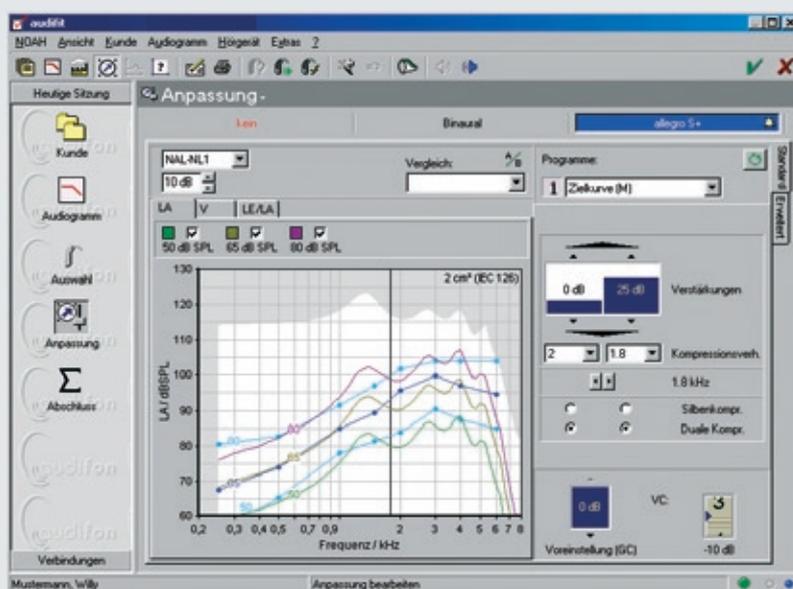
Optimal price-quality ratio

Economy-class products from audifon are not only cosmetically attractive but also competitively priced. This allows the fitting of fully digital hearing aids even in the case of a customer with a small budget.



audifit

A straight forward Fitting System



audifit is the efficient fitting system from audifon. The clear structure enables quick and intuitive handling.

The audifit software allows for adjustments of the following parameters:

2 channels with adjustable channel crossover frequencies

- optimised fine-tuning of the frequency response for individual hearing losses
- high variability in practical use

First Fit

- automatic first fit with high spontaneous acceptance
- fast listening success and a focused start into fine tuning

Easy/Expert mode

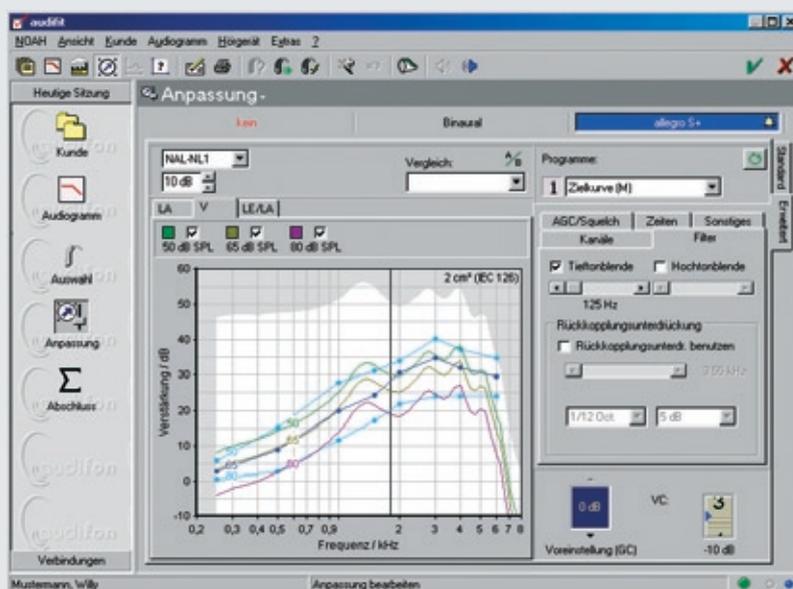
- choice between easy and expert mode
- systematic fine tuning with more than 50 fitting parameters in the advanced expert mode

Bilateral fitting mode

- allows for simultaneous adjustment of levels
- copy function to copy instrument settings from one instrument to the other

Feedback suppression

- effective suppression of feedback by specific use of a notch filter



allegro

Features in Detail

Microphone noise suppression

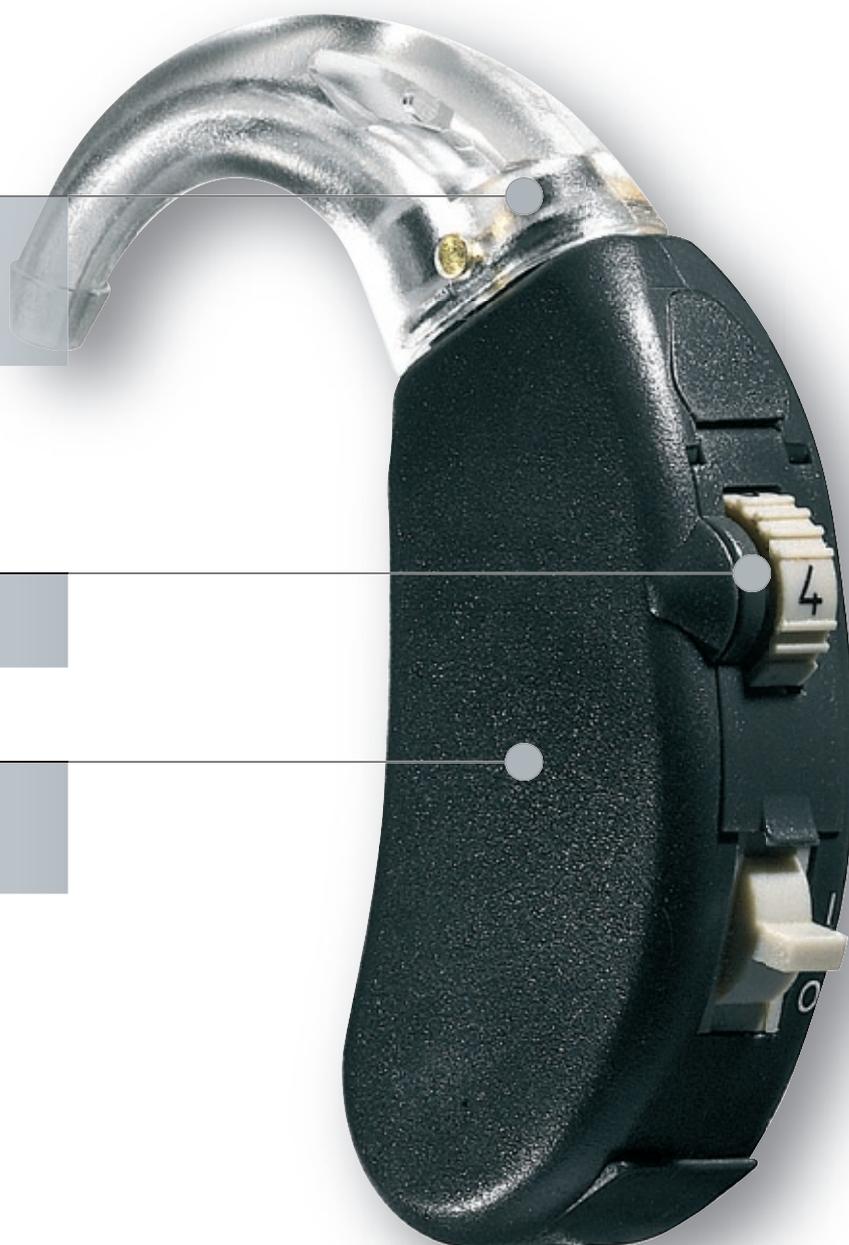
- suppression of microphone noises at low input levels (squelch)
- programmable with audifit software

Volume control

- low and high level stops

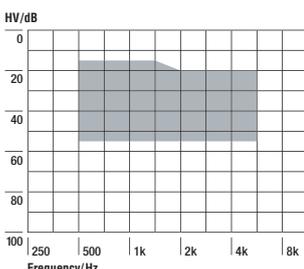
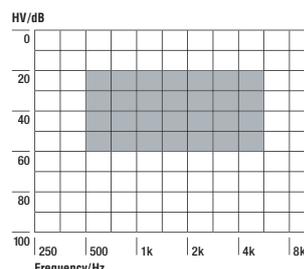
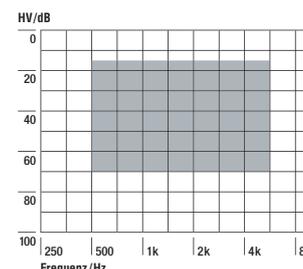
Low battery warning tone

- acoustic alert for low battery voltage
- adjustable level and frequency



allegro Technical Specifications

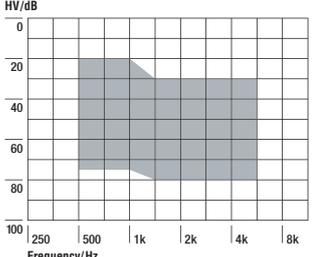
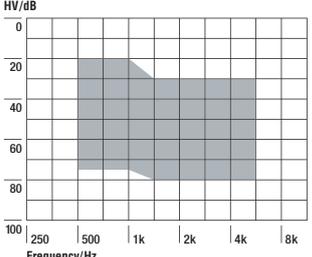
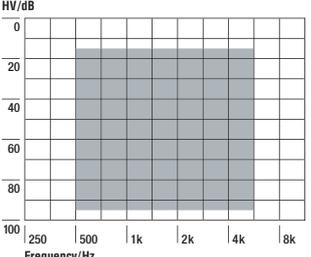
ITE instruments

	allegro CIC	allegro IS	allegro IS+
			
Peak values			
Full-on gain _{max} /OSPL90 _{max} in dB	34/110	39/110	43/115
Battery size	10	312	13
Frequency range (Hz)	200-6200	200-6000	200-6700
Product features	<ul style="list-style-type: none"> - 2 channels - adjustable crossover frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter) 	<ul style="list-style-type: none"> - 2 channels - adjustable crossover frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter) 	<ul style="list-style-type: none"> - 2 channels - adjustable crossover frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter)
Options	- semi-modular Faceplate	- volume control	- volume control
Colours	<ul style="list-style-type: none"> pink tan brown 	<ul style="list-style-type: none"> pink tan brown 	<ul style="list-style-type: none"> pink tan brown
Faceplate surface	flat, domed	flat, domed	flat, domed
Fitting range			

allegro Technical Specifications

BTE instruments



	allegro S	allegro S+	allegro X
			
Peak values			
Full-on gain _{max} /OSPL90 _{max} in dB	59/123	59/123	78/136
Battery size	312	13	675
Frequency range (Hz)	200-5300	200-5300	200-4900
Product features	<ul style="list-style-type: none"> - 2 channels - adjustable cross over frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter) - volume control - one of the smallest BTE casings 	<ul style="list-style-type: none"> - 2 channels - adjustable cross over frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter) - volume control - one of the smallest BTE casings 	<ul style="list-style-type: none"> - 2 channels - adjustable cross over frequencies - 1 memory - low battery warning tone - microphone noise suppression - feedback suppression (notch filter) - volume control
Options	<ul style="list-style-type: none"> - eyeglass adapter - volume control cover 	<ul style="list-style-type: none"> - eyeglass adapter - volume control cover - direct audio input (DAI) - audio adapter 	<ul style="list-style-type: none"> - eyeglass adapter - earhook for children
Colours	<ul style="list-style-type: none">  beige  grey  anthracite  brown  nougat  transparent (colourable) 	<ul style="list-style-type: none">  beige  grey  anthracite  brown  nougat  transparent (colourable) 	<ul style="list-style-type: none">  beige  grey  anthracite  brown  nougat  transparent (colourable)
Fitting range			

Fully digital audifon product lines

aureus

Fully digital business-class ITE and BTE hearing instruments for high hearing comfort and maximum fitting-flexibility. Professional PC-based fitting using audifit.

allegro

Fully digital economy-class ITE and BTE hearing instruments. Professional PC-based fitting using audifit.

assista

Fully digital economy-class ITE and BTE hearing instruments. Simple to use and easy to fit – no programming unit required.

Additionally, audifon offers a wide conventional product range of analogue ITE and BTE hearing instruments.

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