Phonak Ambra

Product information

Phonak Ambra, with new Spice+ processing, offers a complete range of BTE instruments and custom products for hearing instrument users with mild to profound hearing losses. While users benefit from discrete styles, wireless applications, FM connectivity and flexible control, features based on Spice+ technology offer truly binaural directionality and intelligent, adaptive interaction.

For detailed information visit **www.phonakpro.com**

Key features*

StereoZoom takes binaural processing technology to a whole new level by integrating the input from the four microphone network of two hearing instruments. StereoZoom has the unique ability to significantly narrow the beam, effectively addressing the common need to focus on a single voice in a crowd.

UltraZoom Premium is designed to significantly improve signal-to-noise ratio in a new and unique manner. A key innovation applied to UltraZoom Premium is SNR-Boost. When in directional mode, SNR-Boost is activated in addition to the traditional temporal-based noise canceller. SNR-Boost is a spatial noise canceller designed specifically for directional applications which uses spatial cues to distinguish between speech from the front and surrounding noise. With this clear distinction, noise cancellation can be more appropriately applied to further enhance the signal-to-noise ratio for speech coming from the front.

auto ZoomControl harnesses full bandwidth audio exchange and advanced binaural processing to automatically track and focus on speech, regardless of the direction, enabling understanding without the need to face the speaker.

FlexControl allows the wearer to easily make targeted adjustments which have a significant impact on satisfaction. FlexControl offers the freedom and flexibility to maximize hearing benefits everywhere.

Fitting
Software: Phonak Target 2.0 and higher, NOAH compatible
Interfaces: iCube/NOAHlink/HI-PRO

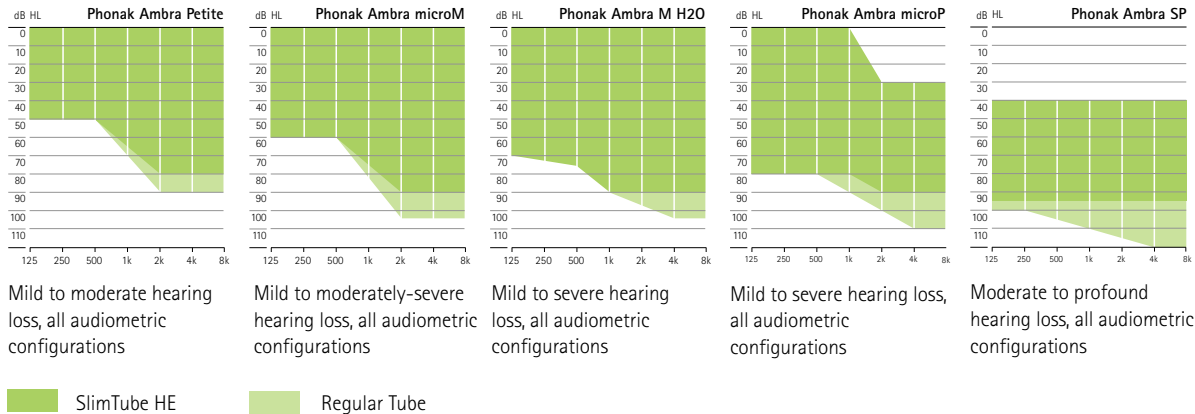*Please note that some features are model dependent

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BTE key features

The complete range of data sheets is available on www.phonakpro.com

BTE		Phonak Ambra Petite	Phonak Ambra microM	Phonak Ambra M H2O	Phonak Ambra microP	Phonak Ambra SP
Performance profile		SlimTube HE/ HE10 680	SlimTube HE/ HE10 680	SlimTube HE/ HE10 680	SlimTube HE/ HE10 680	SlimTube HE/ HE10 680
Max. Power Output (dB SPL)						
	2 cc coupler	118/125	126/132	126/131	124/129	132/133
	Ear Simulator	120/126	128/134	128/134	125/131	133/135
Maximum gain (dB)						
	2 cc coupler	45/44	54/57	55/63	56/60	69/70
	Ear Simulator	51/50	59/62	59/67	60/64	74/75
Frequency range – 2 cc coupler (Hz)		<100 – 6500	<100 – 6800	<100 – 7100	<100 – 5500	<100 – 6500
Battery size		10	312	13	13	13
Working current (mA)		1.0	1.1	1.2	1.3	1.3

Fitting range

Phonak Ambra Petite
Mild to moderate hearing loss, all audiometric configurations

Phonak Ambra microM
Mild to moderately-severe hearing loss, all audiometric configurations

Phonak Ambra M H2O
Mild to severe hearing loss, all audiometric configurations

Phonak Ambra microP
Mild to severe hearing loss, all audiometric configurations

Phonak Ambra SP
Moderate to profound hearing loss, all audiometric configurations

SlimTube HE   Regular Tube

Technical description

1 Access to programming socket
2 Battery compartment with ON/OFF switch
3 Serial number
4 Volume control
5 Program/Push button
6 Microphone protection
7 Transparent hook
8 Sound outlet
9 Dome or SlimTip (small image)
10 SlimTube HE (or transparent hook)

BTE options

Hook		Phonak Ambra Petite	Phonak Ambra microM	Phonak Ambra M H2O	Phonak Ambra microP	Phonak Ambra SP
	HE10 680	S	S	S	S	S
	mini hook HE10 680	O	O	O	O	O
	HE 10	O	O	O	O	O
Volume control						
	Volume Control				S	S
	Cover				O	O
Program/Push button						
	Program/Push button	S	S	S	S	S
	Cover	O	O		O	O
EasyPhone				S	S	S
Telecoil				S	S	S
SlimTube HE (open/close) with SlimTip/Dome		O	O	O	O	O
Nanocoating		S	S	S	S	S
WaterResistant – IP67*				S		
Tamperproof battery compartment			O	O	O	O

HE10 680   mini hook HE10 680   HE10

Version 1   Cover

Version 1   Cover

*IP67 indicates that the hearing aid was not damaged beyond repair after 8 hours in a dust chamber, nor after being immersed in 1 meter (3 feet) of water for 30 minutes as defined by IEC60529

S = Standard   O = Optional   Blank = not available

Color options

Housing	Housing top shell with integrated microphone protection	Microphone protection
	M H2O	**Petite*, microM, microP, SP**
Beige (01)/Beach Beige (F6)*	Beige (01)	
Mid Cloud Gray (G1)	Mid Gray (E8)	
Glacier Ice Gray (G2)	Glacier (E9)	
Light Pink (33)	Light Pink (33)	Gray
Light Blue (34)	Light Blue (34)	
Pure Transparent (13)	Pure Transparent (13)	
Purple Transparent (38)	Purple Transparent (38)	
Mocha Taupe (F7)	Taupe (35)	
Dark Cliff Gray (F0)	Cliff (E6)	
Black (06)	Black (06)	
Palladium Black (70)		
Ocean Blue (G3)	Sterling (F3)	Black
Olive Green (G4)		
Chilli Red (G5)		
Safari Stripes (B3)	Glacier (E9)	
Savannah Beauty (B4)	Chocolate (E5)	
Chocolate (E5)/Chocolate Brown (F8)*		

Note: Some options are country dependent. Please refer to your local order form

Phonak Ambra features and accessories overview

Custom Products: nano **BTE:** Petite, microM, M H2O, microP, SP

Features	nano	10 Petite	312 Petite	312 UZ Petite	312	312 UZ	13 UZ	Petite	microM	M H2O	microP	SP
StereoZoom						■	■		■	■	■	■
UltraZoom Premium				■		■	■	■	■	■	■	■
auto ZoomControl						■	■		■	■	■	■
ZoomControl						■	■		■	■	■	■
FlexControl		■	■	■	■	■	■	■	■	■	■	■
SoundRecover	■	■	■	■	■	■	■	■	■	■	■	■
Real Ear Sound								■	■	■	■	■
SoundFlow Premium	■	■	■	■	■	■	■	■	■	■	■	■
WhistleBlock	■	■	■	■	■	■	■	■	■	■	■	■
NoiseBlock Premium	■	■	■	■	■	■	■	■	■	■	■	■
WindBlock	■	■	■	■	■	■	■	■	■	■	■	■
EchoBlock	■	■	■	■	■	■	■	■	■	■	■	■
SoundRelax	■	■	■	■	■	■	■	■	■	■	■	■
DuoPhone						■	■		■	■	■	■
QuickSync						■	■		■	■	■	■
Acoustically Optimized Vent (AOV)	■	■	■	■	■	■	■	■	■	■	■	■
Manual programs		5	5	5	5	5	5	5	5	5	5	5

Accessories

Accessories	nano	10 Petite	312 Petite	312 UZ Petite	312	312 UZ	13 UZ	Petite	microM	M H2O	microP	SP
Phonak PilotOne		**■	**■	**■	**■	**■	**■	■	■	■	■	■
myPilot					■	■	■		■	■	■	■
Phonak ComPilot/iCom					■	■	■		■	■	■	■
Click'nTalk					■	■	■		■	■	■	■
Phonak TVLink S/TV Link					*■	*■	*■		*■	*■	*■	*■
iCube					■	■	■		■	■	■	■

FM Receivers

FM Receivers	nano	10 Petite	312 Petite	312 UZ Petite	312	312 UZ	13 UZ	Petite	microM	M H2O	microP	SP
MyLink+		***■	***■	***■	***■	***■	***■		■	■	■	■
MicroMLxS or MLxi					*■	*■	*■		*■		■	■
ML13i											■	■
AS13											■	■
ML15i										■		
AS15										■		

FM transmitters

FM transmitters	nano	10 Petite	312 Petite	312 UZ Petite	312	312 UZ	13 UZ	Petite	microM	M H2O	microP	SP
inspiro		***■	***■	***■	*/***■	*/***■	*/***■		*■	■	■	■
SmartLink+		***■	***■	***■	*/***■	*/***■	*/***■		*■	■	■	■
ZoomLink+		***■	***■	***■	*/*■	*/***■	*/***■		*■	■	■	■
EasyLink+		***■	***■	***■	*/***■	*/***■	*/***■		*■	■	■	■

* Requires iCom
** Requires remote control option
*** Requires Telecoil option

Custom product key features

The complete range of data sheets is available on www.phonakpro.com
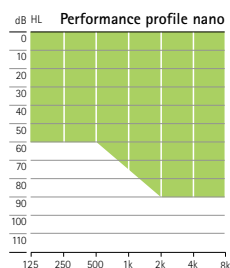
Custom products	Phonak Ambra nano	Phonak Ambra 10 Petite	Phonak Ambra 312 Petite	Phonak Ambra 312 UZ Petite	Phonak Ambra 312	Phonak Ambra 312 UZ	Phonak Ambra 13 UZ
Performance Level							
M	▪	▪	▪	▪	▪	▪	▪
P		▪	▪	▪	▪	▪	▪
SP		▪	▪	▪	▪	▪	▪
UP*			▪	▪		▪	▪

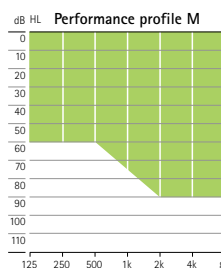| Performance Level		M	P	SP	UP*
Maximum Power Output (dB SPL)					
	2 cc coupler	112	117	122	130
	Ear Simulator	120	123	128	135
Maximum gain (dB)					
	2 cc coupler	40	50	60	70
	Ear Simulator	50	60	70	79
Frequency range – 2 cc coupler (Hz)		<100-7900	<100-7200	<100-7200	<100-5500
Working current (mA)		1.2	1.2	1.2	1.2

*Not available in all countries

Fitting range
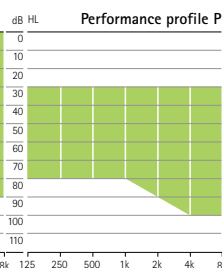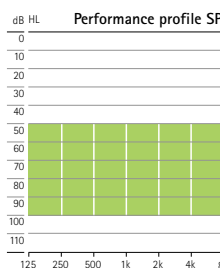

Mild to moderate hearing loss, open fittings, all audiometric configurations
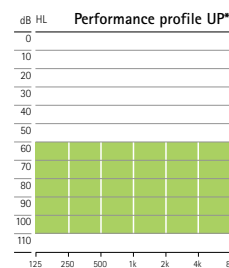
Mild to moderate hearing loss, open fittings, all audiometric configurations

Mild to moderately-severe hearing loss, all audiometric configurations

Moderate to severe hearing loss, all audiometric configurations

Severe to profound hearing loss, all audiometric configurations

*Not available in all countries

Options

	Phonak Ambra nano	Phonak Ambra 10 Petite	Phonak Ambra 312 Petite	Phonak Ambra 312 UZ Petite	Phonak Ambra 312	Phonak Ambra 312 UZ	Phonak Ambra 13 UZ
Volume control		O	O	O	O	O	O
Program switch TacTronic		O	O	O	O	O	O
EasyPhone		O	O	O	O	O	O
Telecoil		O	O	O	O	O	O
SmartGuard*		O	O	O	O	O	O

O = Optional   Blank = not available

*Only for Performance level M and P

Color options

Faceplate: Cocoa (22), Pink (26), Brown (28), Tan (14)
Shell: Cocoa (22), Pink (26), Brown (28), Tan (14), Red transparent (36), Blue transparent (37), White (19), Transparent (21)

Technical description

1   Microphone input (2 inputs on directional models)
2   TacTronic Button
3   Sound outlet
4   Custom made shell
5   Battery compartment and programming socket
6   Venting
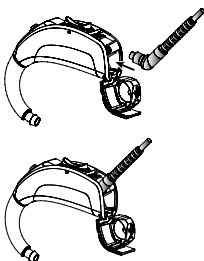7   Volume control
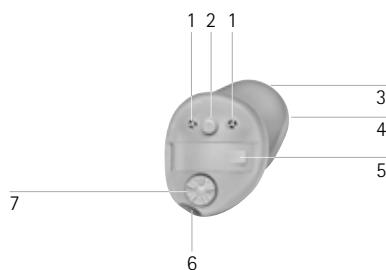
CableFree Fitting with iCube*

1.   Switch iCube on and check the Bluetooth connection
     to the computer.

2.   Put iCube around the patient's neck and connect
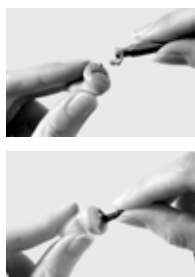   the neckloop to the iCube.

*Petite instruments are not compatible with CableFree Fitting

Fitting a BTE via cable

1.   Flip open the battery compartment to access the programming socket.

2.   Connect the programming plug into the socket.
     Use programming cable CS-44 A (Phonak version) only.

Fitting a custom product via cable

1.   Open the battery compartment and lift the battery door off of the hinge,
     using the battery compartment tool (twisting motion).

2.   Connect the cable. Attach the cables with the blue and red markers
     to the left and the right hearing instruments, respectively.