

Phonak Solana

Product information



Phonak Solana, 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 discreet 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*

ZoomControl

ZoomControl offers the ability to choose in which direction to focus hearing. ZoomControl achieves this by combining audio streaming between two hearing instruments with directional beamforming. In situations where wearers are unable to face the speaker, they can choose to focus to the right, left, back or front.

UltraZoom Advanced

UltraZoom Advanced with SNR-Boost is a dual microphone system that incorporates a spatial noise cancellation algorithm designed specifically for directional applications. SNR-Boost uses spatial cues to distinguish between speech from the front and noise from other directions. With this clear distinction, noise cancellation can be more appropriately applied.

FlexVolume

FlexVolume brings additional sophistication to loudness adjustments. Instead of linear 'up and down' shifts in gain, FlexVolume shapes the gain curve in a frequency-dependent manner.

SoundFlow Advanced

SoundFlow Advanced employs a high-definition, multi-dimensional automatic system that blends three base programs to offer accurate identification of even subtle changes in the sound environment.






Fitting

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

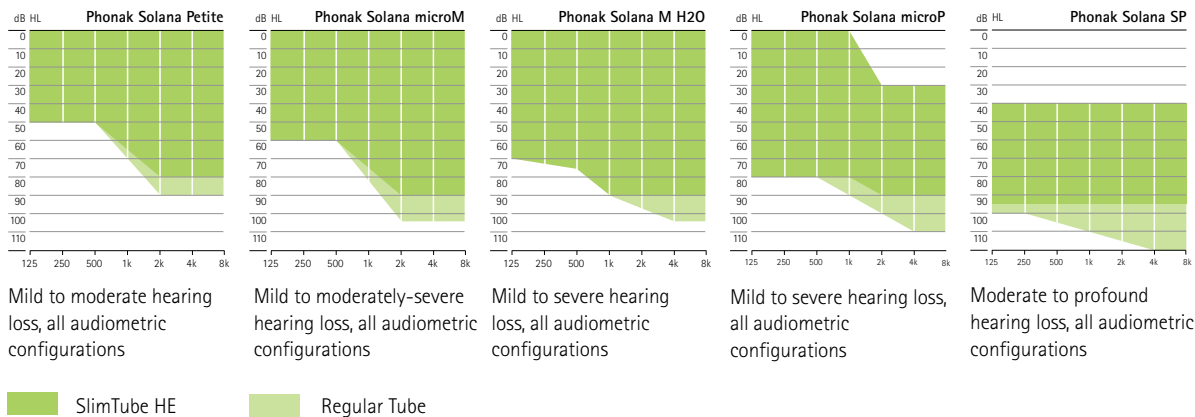
*Please note that some features are model dependent

BTE key features

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

BTE	Phonak Solana Petite	Phonak Solana microM	Phonak Solana M H2O	Phonak Solana microP	Phonak Solana 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










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

	Phonak Solana Petite	Phonak Solana microM	Phonak Solana M H2O	Phonak Solana microP	Phonak Solana SP
Hook					
 HE10 680	S	S	S	S	S
 mini hook HE10 680	0	0	0	0	0
 HE10	0	0	0	0	0
Volume control					
 Version 1				S	S
 Cover				0	0
Program/Push button					
 Version 1	S	S	S	S	S
 Cover	0	0		0	0
EasyPhone			S	S	S
Telecoil			S	S	S
SlimTube HE (open/close) with SlimTip/Dome	0	0	0	0	0
Nanocoating	S	S	S	S	S
WaterResistant – IP67*			S		
Tamperproof battery compartment		0	0	0	0

*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 0 = 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)	Gray
Mid Cloud Gray (G1)	Mid Gray (E8)	
Glacier Ice Gray (G2)	Glacier (E9)	
Light Pink (33)	Light Pink (33)	
Light Blue (34)	Light Blue (34)	
Pure Transparent (13)	Pure Transparent (13)	
Purple Transparent (38)	Purple Transparent (38)	
Mocha Taupe (F7)	Taupe (35)	Black
Dark Cliff Gray (F0)	Cliff (E6)	
Black (06)	Black (06)	
Palladium Black (70)		
Ocean Blue (G3)	Sterling (F3)	
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 Solana features and accessories overview

		Custom Products													
Features		nano	10 Petite	312 Petite	312 UZ Petite	312	312 UZ	13 UZ	BTE	Petite	microM	M H20	microP	SP	
UltraZoom Advanced					■		■	■		■	■	■	■	■	
ZoomControl							■	■			■	■	■	■	
FlexVolume			■	■	■	■	■	■		■	■	■	■	■	
SoundRecover		■	■	■	■	■	■	■		■	■	■	■	■	
Real Ear Sound										■	■	■	■	■	
SoundFlow Advanced		■	■	■	■	■	■	■		■	■	■	■	■	
WhistleBlock		■	■	■	■	■	■	■		■	■	■	■	■	
NoiseBlock Advanced		■	■	■	■	■	■	■		■	■	■	■	■	
WindBlock		■	■	■	■	■	■	■		■	■	■	■	■	
SoundRelax		■	■	■	■	■	■	■		■	■	■	■	■	
QuickSync						■	■	■			■	■	■	■	
Acoustically Optimized Vent (AOV)		■	■	■	■	■	■	■		■	■	■	■	■	
Manual programs			4	4	4	4	4	4		4	4	4	4	4	
Accessories															
Phonak PilotOne			**	**	**	**	**	**		■	■	■	■	■	
myPilot						■	■	■			■	■	■	■	
Phonak ComPilot/iCom						■	■	■			■	■	■	■	
Click'nTalk						■	■	■			■	■	■	■	
Phonak TVLink S/TV Link						■	■	■			■	■	■	■	
iCube						■	■	■			■	■	■	■	
FM receivers															
MyLink+			*** ■	*** ■	*** ■	*** ■	*** ■	*** ■				■	■	■	
MicroMLxS or MLxi						■	■	■			■	■	■	■	
ML13i													■	■	
AS13													■	■	
ML15i												■			
AS15												■			
FM transmitters															
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

Performance level

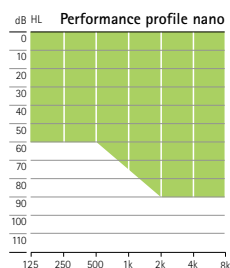
	Phonak Solana nano	Phonak Solana 10 Petite	Phonak Solana 312 Petite	Phonak Solana 312 UZ Petite	Phonak Solana 312	Phonak Solana 312 UZ	Phonak Solana 13 UZ
M	■	■	■	■	■	■	■
P		■	■	■	■	■	■
SP		■	■	■	■	■	■
UP*			■			■	■

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

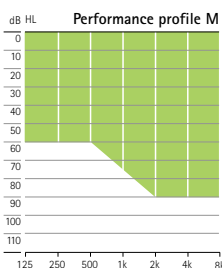
*Not available in all countries

Fitting range

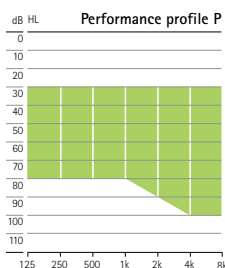


Mild to moderate hearing loss, open fittings, all audiometric configurations

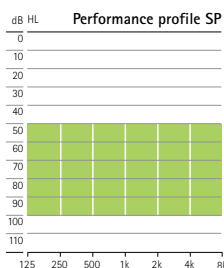
*Not available in all countries



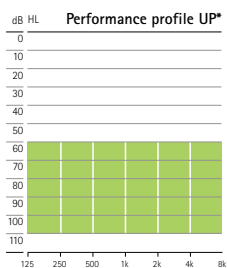
Mild to moderate hearing loss, open fittings, all audiometric configurations



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

Options

	Phonak Solana nano	Phonak Solana 10 Petite	Phonak Solana 312 Petite	Phonak Solana 312 UZ Petite	Phonak Solana 312	Phonak Solana 312 UZ	Phonak Solana 13 UZ
Volume control		0	0	0	0	0	0
Program switch							
TacTronic		0	0	0	0	0	0
EasyPhone		0	0	0	0	0	0
Telecoil		0	0	0	0	0	0
SmartGuard*		0	0	0	0	0	0

0 = Optional Blank = not available

*Only for Performance level M and P

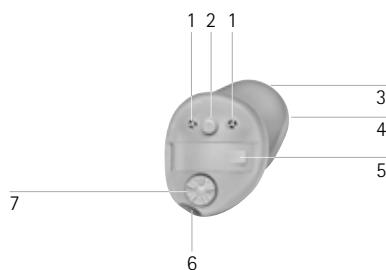
Color options

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



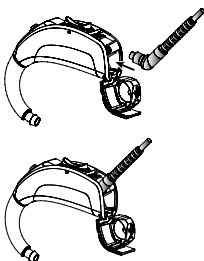
CableFree Fitting with iCube*



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.

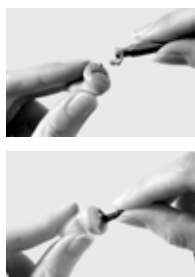
*Petite instruments are not compatible with CableFree Fitting

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.