Nios S H2O

Product information

Nios S H2O based on the Spice+ technology completes the pediatric portfolio accommodating mild to severe hearing losses. Nios S H2O is available in two performance levels. All products include a comprehensive feature set. Nios S H2O offers a wide range of accessories and FM options, giving the convenience of wireless connectivity.

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

Key features*

SoundRecover
SoundRecover adds clarity and consistent exposure to high frequency speech sounds, ensuring natural sound quality and improved speech understanding. SoundRecover can be used for all hearing losses and the amount of frequency compression applied is directly proportional to the hearing loss.

WhistleBlock
WhistleBlock suppresses feedback only as and when it occurs. Fully adaptive, it continuously applies just the right amount of suppression to suit any and every situation that a child experiences.

UltraZoom
UltraZoom is an adaptive multi-channel beamforming technology, automatically available in SoundFlow or in a manual program. This adaptive beamformer is ideally suited for older children who move in between noisy enviroments to the next. Sophisticated microphone matching and calibration in UltraZoom ensures optimal long-term performance of the dual-microphone technology.

SoundFlow
Thanks to the increased processing power of the Spice+ technology, enhanced SoundFlow employs a high-definition, multi-dimensional sound classification system. As children grow, their exposure to different environments increases. The enhanced SoundFlow allows for increased accuracy in the identification of subtle changes in the environment, optimizing the feature set for every situation.

WaterResistant
The Nios S H2O housing is WaterResistant, certified with an IP67 rating. 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.

Junior Mode
Children have different listening needs from adults. This is why Phonak developed Junior Mode, the evidence-based, customizable pediatric fitting software which aims to make pediatric fittings more accurate and efficient. This is a unique one click pediatric configuration that is categorized into 0-4, 5-8 and 9-18 year old age-based default settings. Junior Mode is available in iPFG and Phonak Target™ fitting software.
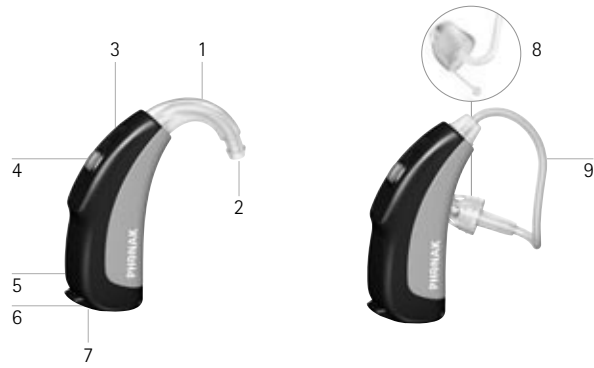
*please note that some features are model dependent.

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Technical description

1 Transparent mini hook
2 Sound outlet
3 Miniature microphones with protector
4 Push button
5 Serial number
6 Battery compartment with ON/OFF switch
7 Access to programming socket
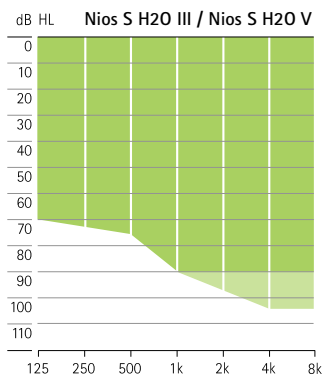8 Dome or SlimTip (small image)
9 SlimTube HE

BTE options

Hook		Nios S H2O III	Nios S H2O V
	HE10 680	O	O
	mini hook HE10 680	S	S
	HE 10	O	O
Push button			
	Volume Control	O	O
	Program switch	S	S
EasyPhone		O	O
Telecoil		S	S
SlimTube HE with SlimTip/Dome		O	O
Tamper proof battery compartment		S	S
Standard battery compartment		O	O
Nano coating		S	S
WaterResistant - IP67		S	S

HE10 680   mini hook HE10 680   HE10

S = Standard   O = Optional   Blank = not available

Fitting range

Nios S H2O III / Nios S H2O V

dB HL — frequencies 125, 250, 500, 1k, 2k, 4k, 8k

Mild to severe hearing loss, all audiometric configurations

■ SlimTube HE
■ Regular Tube

Color options

Housing color	Microphone Protector
Beige (01)	Beige (01)
Chocolate (E5)	Chocolate (E5)
Palladium Black (70)	Black (06)
Purple Transparent (38)	Purple Transparent (38)
Black (06)	Black (06)
Dark Cliff Gray (F0)	Cliff (E6)
Mocha Taupe (F7)	Taupe (35)
Mid Cloud Gray (G1)	Mid Gray (E8)
Glacier Ice Gray (G2)	Glacier (E9)
Ocean Blue (G3)	Sterling (F3)
Olive Green (G4)	
Chilli Red (G5)	
Light Pink (33)	Light Pink (33)
Light Blue (34)	Light Blue (34)
Pure Transparent (13)	Pure Transparent (13)
Safari Stripes (B3)	Glacier (E9)
Savannah Beauty (B4)	Chocolate (E5)

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

Features and accessories overview

Features	Nios S H2O III	Nios S H2O V	
SoundRecover	▪	▪	S = Standard
WhistleBlock	▪	▪	A = Advanced
UltraZoom	S	A	
SoundFlow	S	A	
ZoomControl		▪	
FlexVolume		▪	
Real Ear Sound		▪	
NoiseBlock	S	A	
WindBlock		▪	
SoundRelax		▪	
QuickSync	▪	▪	
Acoustically Optimized Vent (AOV)	▪	▪	
WaterResistant	▪	▪	
CROS compatible	▪	▪	
Channels	6	16	
Manual Programs	3	4	

Accessories		Nios S H2O III	Nios S H2O V
Phonak PilotOne		▪	▪
myPilot		▪	▪
Phonak ComPilot		▪	▪
iCom		▪	▪
Click'nTalk		▪	▪
Phonak TVLink S/ TVLink		▪	▪
iCube		▪	▪

FM receivers		Nios S H2O III	Nios S H2O V
MyLink+		▪	▪
MicroMLxS or MLxi		▪	▪
ML15i*		▪	▪
AS15*		▪	▪

FM transmitters		Nios S H2O III	Nios S H2O V
inspiro		▪	▪
SmartLink+		▪	▪
ZoomLink+		▪	▪
EasyLink+		▪	▪

* Tamperproof battery compartment option available

BTE key features

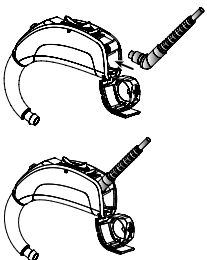The complete range of data sheets is available on www.phonakpro.com

BTE	Nios S H2O III	Nios S H2O V
Performance profile	SlimTube HE / mini HE10 680	SlimTube HE / mini HE10 680
Max. Power Output (dB SPL)		
2 cc coupler	126/131	126/131
Ear Simulator	128/134	128/134
Maximum gain (dB)		
2 cc coupler	55/63	55/63
Ear Simulator	59/67	59/67
Frequency range –		
2 cc coupler (Hz)	<100 – 7100	<100 – 7100
Battery size	13	13
Working current (mA)	1.2	1.2

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.

Fitting a BTE via cable

1. Flip open the battery compartment for the programming socket.

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

Fitting

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