

Phonak Naída™ B

Product information



Phonak Naída B, the 5th generation of the world's most trusted power hearing aid, has been developed for the broad diversity of severe to profound hearing losses. Powered by the innovative technology of the Phonak Belong™ platform, Naída B offers a UP and a SP model in four performance levels and the most feature-rich, rechargeable hearing aid from Phonak: Naída B-R RIC.

Naída B provides fitting flexibility with Adaptive Phonak Digital Contrast, a new slow compression option which increases the envelope cues for speech. It also utilizes dedicated features such as Binaural VoiceStream Technology™ for improved speech understanding and SoundRecover2 for more audibility of high frequency sounds. With the enhanced Roger and directional listening effort in the near field is significantly reduced.

Naída B partnered with Roger is the solution to address all listening challenges nearby and over distance.

For more information visit www.phonakpro.com

A Sonova brand

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Product description

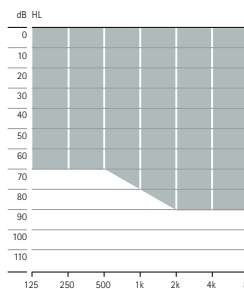


**Naída B-R RIC
(B90/B70/B50)**

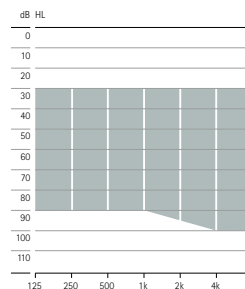
Push button (Program/Volume)		•
Volume control		
Telecoil		
EasyPhone		•
Direct Audio Input		
Phonak CROS II compatibility		
IP rating		IP68 ¹
Dimensions (L x W x D)		29.7 x 12.9 x 7.9 mm (1.17 x 0.51 x 0.31")
Weight		2.4 g (0.09 oz)
Rechargeable lithium-ion battery life ²	No audio/media streaming	24 h
	5h of audio/media streaming	20 h
	10h of audio/media streaming	16 h
Charging times ³	0% to 100%	3 h
	0% to 80%	1.5 h
	30 min fitting	10 min.

		Standard xReceiver xS	Power xReceiver xP	UltraPower xReceiver xUP
Maximum Power Output (dB SPL)	2 cc coupler	111	124	130
	Ear simulator	122	132	136
	2 cc coupler	46	57	66
	Ear simulator	56	65	72
Frequency range – Ear simulator (Hz)		<100 – 9200	<100 – 6400	<100 – 5800

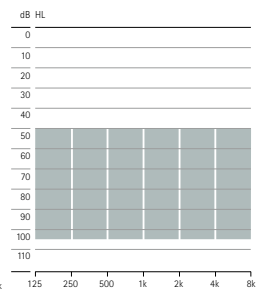
Fitting range



Mild to moderately-severe hearing loss, all audiometric configurations.



Mild to severe hearing loss, all audiometric configurations.



Moderate to profound hearing loss, all audiometric configurations.

¹ IP68 indicates that the hearing aid is water resistant and dust tight. It survived continuous immersion in 1 meter of water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard. No traces of dust were evident within the housing.

² Actual battery life also depends on hearing loss, battery age and sound environment.

³ Actual charge time depends on the remaining battery life, but will not exceed 3 hours.

Product description



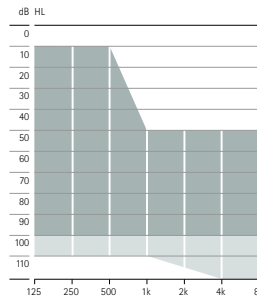
Naída B-SP
(B90/B70/B50/B30)



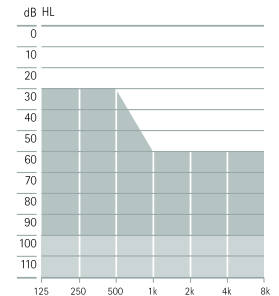
Naída B-UP
(B90/B70/B50/B30)

Battery size		13		675	
Push button (Program/Volume)		•		•	
Volume control		•		•	
Telecoil		•		•	
EasyPhone		•		•	
Direct Audio Input		•		•	
Phonak CROS II compatibility		•		•	
IP rating		IP68 ⁴		IP68 ⁴	
Dimensions (L x W x D)		38 x 17.9 x 8.6 mm (1.50 x 0.70 x 0.34")		42.5 x 19.2 x 8.7 mm (1.68 x 0.76 x 0.34")	
Weight		4.6 g (0.16 oz)		5.4 g (0.19 oz)	
		HE11 680	HE11	HE11 680	HE11
Maximum Power Output (dB SPL)	2 cc coupler	133	139	135	141
	Ear simulator	139	143	140	145
Maximum gain (dB)	2 cc coupler	74	81	77	82
	Ear simulator	77	83	81	85
Frequency range – Ear simulator (Hz)		<100 – 5000	<100 – 5100	<100 – 5100	<100 – 5100
Fitting range					

- Power SlimTube
- Hook/mini hook



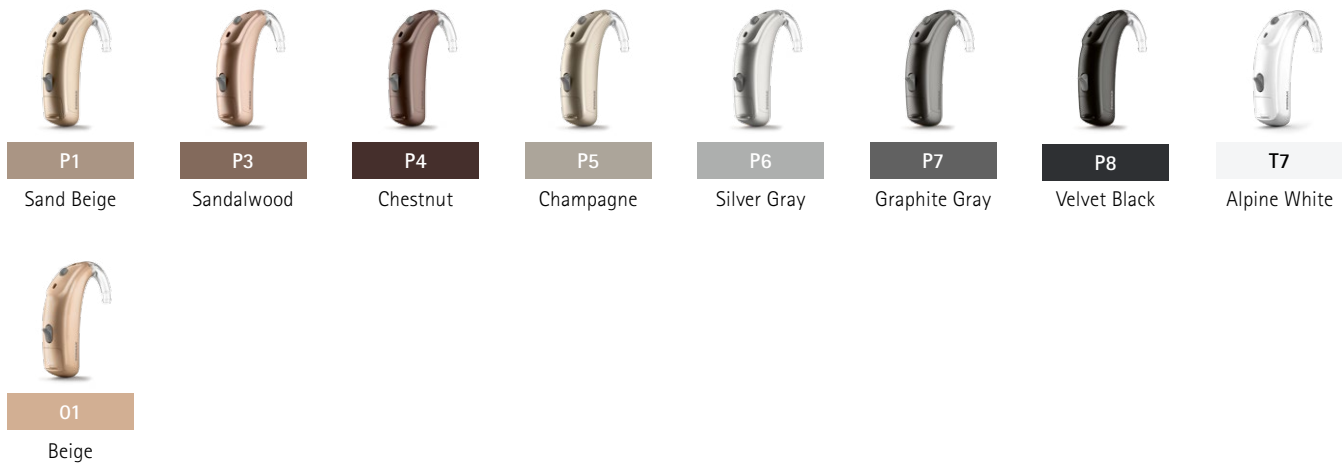
Moderate to profound hearing loss, all audiometric configurations.



Severe to profound hearing loss, all audiometric configurations.

⁴ IP68 indicates that the hearing aid is water resistant and dust tight. It survived continuous immersion in 1 meter of water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard. No traces of dust were evident within the housing.

Housing colors



Acoustic couplings

Naída B-SP and UP models			Colors
Sound outlet	Hook standard	Damped (HE11 680)	Transparent
		Undamped (HE11)	Transparent
	Power SlimTube II	Left and right in five different lengths (00, 0, 1, 2 and 3)	

Naída B-R RIC models		
Length	Available in four different lengths (0, 1, 2, 3) left and right	
Earpiece for xS and xP receiver	Dome	Open Dome in three sizes (S, M, L)
		Closed Dome in three sizes (S, M, L)
		Power Dome in three sizes (S, M, L)
SlimTip for xS and xP receiver (available with extra canal length option)	Hard material	Hollow shell
	Soft material	Solid shell
cShell for xUP receiver	Hard material	







Wax Guard System recommendation for Naída B-R RIC with xUP receiver	
HF3 (H3)	Preserves the frequency response the best






Fitting

Software
Interfaces
Interfaces for Naída B-R RIC









Phonak Target 5.3 or higher
iCube II, NOAHLink, HI-PRO, HI-PRO2
iCube II

Wireless portfolio

Roger receivers	Naída B-R RIC	Naída B-SP	Naída B-UP
 Roger 18		•	
 Roger 19			•
 Roger X / AS18		•	
 Roger X / AS19			•
 Roger X / Phonak ComPilot II	•	•	•
 Roger MyLink		•	•

Roger microphones	Naída B-R RIC	Naída B-SP	Naída B-UP
 Roger Select	•	•	•
 Roger Table Mic II	•	•	•
 Roger Pen	•	•	•
 Roger EasyPen	•	•	•
 Roger Clip-on Mic	•	•	•

For information on Roger microphones please visit www.phonakpro.com/roger

Wireless accessory	Naída B-R RIC	Naída B-SP	Naída B-UP
 CROS B-312		•	•
 CROS B-13		•	•
 Phonak DECT II	•	•	•
 Phonak PilotOne II	•	•	•
 EasyCall II	•	•	•
 Phonak ComPilot II	•	•	•
 Phonak ComPilot Air II	•	•	•
 Phonak TVLink II	• ⁵	• ⁵	• ⁵
Phonak Remote Control App	•	•	•

⁵ Requires Phonak ComPilot II or ComPilot Air II

Key features

Adaptive Phonak Digital Contrast

With the new Adaptive Phonak Digital Contrast fitting formula we introduce a slow compression option. Through longer attack and release times, the spectral contrast, as well as the speech signal modulations are better preserved. This increases the envelope cues for speech compared to Adaptive Phonak Digital, so it is now possible to get closer to the original speech signal and make these lost details in speech more pronounced again. Audiological research shows that this leads to improved vowel recognition for some adults with severe to profound hearing loss.⁶

SoundRecover2

As hearing loss increases, SoundRecover2 improves speech audibility and utilizes an adaptive frequency lowering algorithm. Sound quality of mid and low frequencies are maintained while high-frequency sounds are made audible. This creates an optimal listening experience for more users.

Binaural VoiceStream Technology™

Binaural VoiceStream Technology is the ability of Phonak hearing aids to stream the full audio bandwidth in real-time and bi-directionally for improved speech understanding and reduced listening effort in challenging listening situations. This unique technology enables programs and features such as StereoZoom, Speech in Wind, Speech in 360°, and DuoPhone.

Robust and reliable

Thanks to glass fiber reinforced housing material, Naída B is very robust which gives the client optimal confidence. In addition, the housings are water and dust resistant with an IP68 rating. This indicates that the hearing aid survived continuous immersion in 1 meter of water for 60 minutes and 8 hours in a dust chamber.

Roger and directional

With the Roger and directional setting, adults have access to the proven benefits of directional hearing aid microphones throughout their day when using Roger. The enhanced setting will activate the directional microphone even at lower noise levels, giving adults access to their peers at softer conversational levels. In Phonak Target, the program 'Roger + Mic' offers a choice of three microphone modes: omnidirectional, Real Ear Sound and an automatically activated fixed directional.

RogerReady

RogerReady makes adding a Roger receiver to a hearing aid simple and easy. Without the need for additional programming, devices with direct audio input and a Roger ear-level receiver automatically detect the signal from a Roger microphone and activate the 'Roger + Mic' program.

⁶ Bor, S., Souza, P., & Wright, R. (2008) Multichannel Compression: Effects of reduced Spectral Contrast on Vowel identification. *Journal of Speech, language, and hearing Research*, 51(5), 1315-1327.

Souza, P., Wright, R., & Bor, S. (2013). Consequences of broad auditory filters for identification of multichannel-compressed vowels. *Journal of Speech, language, and hearing Research*, 55(2), 474-486.

Phonak Naída B-R RIC charging options



Phonak Charger Case RIC

The Phonak Charger Case is a charger, drying kit, and protective hard case all in one. Additionally, it includes a cleaning tool in the robust and splash-proof housing designed for two Naída B-R RIC hearing aids.



Phonak Power Pack

For charging Phonak Naída B-R RIC on the go, the Phonak Power Pack can be easily attached to the bottom of the Phonak Charger Case. It provides power for 7 full charges of two Naída B-R RIC hearing aids.



Phonak Mini Charger RIC

The Phonak Mini Charger is a compact charger for two Naída B-R RIC hearing aids.

Performance levels

	Premium (B90)	Advanced (B70)	Standard (B50)	Essential (B30 ⁷)	Features	Premium (B90)	Advanced (B70)	Standard (B50)	Essential (B30 ⁷)
AutoSense OS	Premium	Advanced	Standard	Essential	RogerReady ⁷	•	•	•	
Calm Situation	•	•	•	•	Roger and directional setting ⁷	•	•	•	
Speech in Noise	•	•	•	•	UltraZoom	Premium	Advanced	Standard	Essential
Comfort in Noise	•	•	•		SNR-Boost	•	•	•	
Music	•	•			FlexControl	•	•	•	
Speech in Loud Noise	•				FlexVolume	•	•	•	
Speech in Car	•				DuoPhone	•	•	•	
Comfort in Echo	•				SoundRecover2	•	•	•	•
Additional programs					BroadbandBooster	•	•	•	•
Max. additional programs	5	5	5	5	User Preference Tuning	•	•	•	•
Speech in Wind	•				Real Ear Sound	•	•	•	
Comfort in Echo	•				Finetuning channels	20	16	12	8
Speech in Loud Noise	•	•			WhistleBlock	•	•	•	•
Speech in 360°	•	•			NoiseBlock	•	•	•	•
Speech in Noise	•	•	•	•	WindBlock	•	•		
Calm Situation	•	•	•	•	EchoBlock	•			
Comfort in Noise	•	•	•	•	SoundRelax	•	•		
Music	•	•	•	•	Tinnitus Balance noise generator	•	•	•	•
Acoustic phone	•	•	•	•	QuickSync	•	•	•	•
Custom program	•	•	•	•	AOV	•	•	•	•
Streaming programs					auto Acclimatization	•	•	•	•
Max. streaming programs	4	4	4	4					
Bluetooth audio + mic	•	•	•	•					
Bluetooth phone / DECT + mic	•	•	•	•					
Roger / RemoteMic	•	•	•	•					
Audio jack	•	•	•	•					

⁷ Not available for Naída B-R RIC

Life is on

At Phonak, we believe that hearing well is essential to living life to the fullest. For more than 70 years, we have remained true to our mission by developing pioneering hearing solutions that change people's lives to thrive socially and emotionally. Life is on.

www.phonakpro.com