Phonak Sky™ B

Product information

Phonak Sky B is the newest and most comprehensive portfolio exclusively designed for children of all ages with mild to profound hearing loss.

Powered by the innovative technology of the Phonak Belong™ platform, Sky B offers six models in three performance levels, including a rechargeable BTE with the full Sky feature set, a telecoil and volume control. It features the world's only* evidence-based pediatric operating system, AutoSense Sky OS™, the adaptive frequency lowering technology from Phonak, SoundRecover2, and an improved Roger and directional setting. All models are water and dust resistant with an IP68[1] rating, making them ideal for children's active lifestyles. The indicator light and tamper-proof housings provide parents and caregivers additional confidence and security. Available in a variety of vibrant Mix & Match colors, Sky B allows children to fully express their personalities.

For more information visit **www.phonakpro–us.com**

PHONAK
life is on

Product description

	Sky B-M B90/B70/B50		Sky B-P B90/B70/B50		Sky B-PR B90/B70/B50	
Zinc-Air battery size	312		13			
Rechargeable lithium-ion battery					•	
Push button (Program/Volume)	•		•		•	
Volume control			•		•	
Telecoil	•		•		•	
EasyPhone	•		•		•	
Direct audio input			•			
Tamper-proof battery door	•		•			
Indicator light	•		•		•	
Phonak CROS B compatibility	•		•			
Nano coating	•		•		•	
IP rating	IP68[1]		IP68[1]		IP68[1]	
Dimensions L x W x D	29.5 x 13 x 7.4 mm (1.16 x 0.1 x 0.29")		33.1 x 16.3 x 8.6 mm (1.30 x 0.1 x 0.34")		35.9 x 15.9 x 8.7 mm (1.41 x 0.63 x 0.34")	
Weight	1.9 g (0.07 oz)		2.7 g (0.1 oz)		3.2 g (0.11oz)	
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	

|	SlimTube HE	HE 10 680	SlimTube HE	HE 10 680	SlimTube HE	HE 10 680
Max. Power Output (dB SPL)						
2 cc coupler	122	129	126	131	126	131
Ear simulator	126	134	130	135	130	135
Max. gain (dB) 2 cc coupler	56	63	58	66	58	66
Ear simulator	60	68	62	71	62	71
Frequency range – Ear simulator (Hz)	<100 – 6600	<700 – 6300	<100 – 5500	<100 – 6800	<100 – 5500	<100 – 5500
Working current – Ear simulator, HE 10 680 (mA)	1.2		1.2			

Fitting range

SlimTube HE
Regular tube
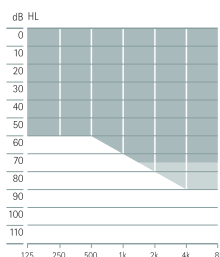
Mild to moderately-severe hearing loss, all audiometric configurations
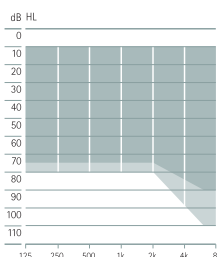
Mild to severe hearing loss, all audiometric configurations
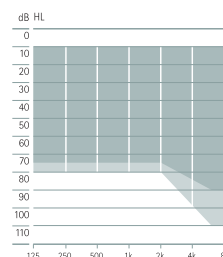
Mild to severe hearing loss, all audiometric configurations

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 it will not exceed 3 hours.

Product description

|		Sky B–SP B90/B70/B50		Sky B–UP B90/B70/B50		Sky B–RIC B90/B70/B50		
Zinc-Air battery size		13		675		13		
Push button (Program/Volume)		•		•		•		
Volume control		•		•		•		
Telecoil		•		•		•		
EasyPhone		•		•		•		
Direct audio input		•		•		•		
Tamper-proof battery door		•		•				
Indicator light		•		•				
Phonak CROS B compatibility		•		•		•		
Nano coating		•		•		•		
IP rating		IP68[1]		IP68[1]		IP68[1]		
Dimensions	L x W x D	38 x 17.9 x 8.6 mm		42.5 x 19.2 x 8.7 mm		31.6 x 14.6 x 8.4 mm		
		(1.50 x 0.70 x 0.34")		(1.68 x 0.76 x 0.34")		(1.24 x 0.57 x 0.33'')		
	Weight	4.6 g (0.16 oz)		5.4 g (0.19 oz)		2.2 g (0.08 oz)		
		HE11 680	HE11	HE11 680	HE11	xS	xP	xUP
Max. Power Output (dB SPL)								
	2 cc coupler	133	139	135	141	111	124	130
	Ear simulator	139	143	140	145	122	132	136
Max. gain (dB)	2 cc coupler	74	81	77	82	46	57	66
	Ear simulator	77	83	81	85	56	65	72
Frequency range – Ear simulator (Hz)		<100 – 5000	<100 – 5100	<100 – 5100	<100 – 5100	<100 – 9200	<100 – 6400	<100 – 5800
Working current – Ear simulator, HE 10 680 (mA)		1.3 mA		1.3 mA		1.4 mA	1.4 mA	1.5 mA

Fitting range
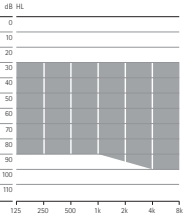
■ Power SlimTube
■ Regular tube
■ xReceiver
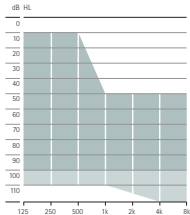
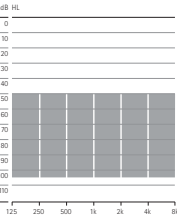Mild to profound hearing loss, all audiometric configurations
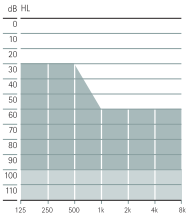
Mild to profound hearing loss, all audiometric configurations
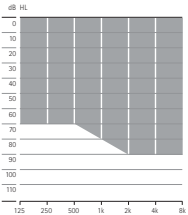
Mild to moderately-severe hearing loss, all audiometric configurations

Mild to severe hearing loss, all audiometric configurations

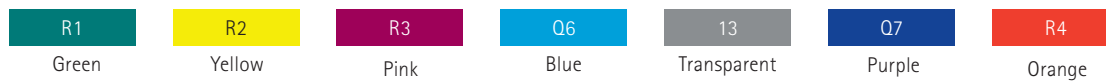Moderate to profound hearing loss, all audiometric configurations

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 depends on hearing loss, battery age, and sound environment.
3 Actual charge time depends on the remaining battery life, but it will not exceed 3 hours.

Housing and hook colors

Housing

01 Beige	**P1** Sand Beige	**P3** Sandalwood	**P4** Chestnut	**P5** Champagne	**P6** Silver Gray	**P8** Velvet Black
Q2 Electric Green	**Q3** Caribbean Pirate	**T3** Precious Pink	**T7** Alpine White	**M6** Lava Red	**M7** Blue Ocean	**M8** Majesty Purple

Ear hook

R1 Green	**R2** Yellow	**R3** Pink	**Q6** Blue	**13** Transparent	**Q7** Purple	**R4** Orange

Acoustic coupling

Sky B–M, Sky B–P and Sky B–PR models			Colors
Sound outlet	Hook standard	Damped (HE10 680)	Transparent + 6 pediatric colors
		Undamped (HE10)	Transparent
	Hook tamper-proof	Mini damped (HE10 680)	Transparent + 6 pediatric colors
		Mini undamped (HE10)	Transparent
	SlimTube HE	Left and right in four different lengths (0, 1, 2, 3)	
Earpiece	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 (available with extra canal length option)	Hard material	Hollow shell	
	Soft material	Solid shell	

Sky B–SP and B–UP models			Colors
Sound outlet	Hook standard	Damped (HE11 680)	Transparent + 6 pediatric colors
		Undamped (HE11)	Transparent
	Hook tamper-proof	Mini damped (HE11 680)	Transparent + 6 pediatric colors
		Mini undamped (HE11)	Transparent
	Power SlimTube	Left and right in five different lengths (00, 0, 1, 2 ,3)	

Sky B–RIC model		
Receiver	xS, xP, xUP	Available in four different lengths (0,1,2,3) left and right
Earpiece	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 (available with extra canal length option)	Hard material	Hollow shell
	Soft material	Solid shell
cShell	Hard material	

Wireless communication portfolio

All wireless accessories are compatible with all performance levels (B90/B70/B50) and for all models.

Wireless accessory	Sky B-M	Sky B-P	Sky B-PR	Sky B-SP	Sky B-UP	Sky B-RIC
Phonak DECT II	•	•	•	•	•	•
Phonak PilotOne II	•	•	•	•	•	•
EasyCall II	•	•	•	•	•	•
Phonak ComPilot II	•	•	•	•	•	•
Phonak ComPilot Air II	•	•	•	•	•	•
Phonak TVLink II	•[1]	•[1]	•[1]	•[1]	•[1]	•[1]
Phonak RemoteMic	•[1]	•[1]	•[1]	•[1]	•[1]	•[1]

[1] Requires Phonak ComPilot II or ComPilot Air II

Roger™	Sky B-M	Sky B-P	Sky B-PR	Sky B-SP	Sky B-UP	Sky B-RIC
Roger 18		•		•		•
Roger 19					•	
Roger X / AS18		•		•		•
Roger X / AS19					•	
Roger X / Phonak ComPilot II	•	•	•	•	•	•
Roger MyLink	•	•	•	•	•	•

All Sky B models are compatible with Roger™ Touchscreen Mic, Roger™ Pass-around, Roger™ Multimedia Hub, Roger Select™, Roger Pen™, Roger™ EasyPen and Roger™ Clip-On Mic when using one of the above Roger receivers.

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

Phonak Sky B-PR charging options

Phonak Charger Case BTE
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 Sky B-PR hearing aids.

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

Phonak Mini Charger BTE
The Phonak Mini Charger is a compact charger for two Sky B-PR hearing aids.

Please refer to the technical data sheet for the Phonak Charger Case, Phonak Power Pack and Phonak Mini Charger for further information.

Key features

AutoSense Sky OS™
AutoSense Sky OS is the only* dedicated pediatric operating system, specifically built for a child's listening environment. The new automatic program and feature selector in AutoSense Sky OS is up to 30 percent more precise for noiser classrooms and up to 39 percent more accurate in recognizing yelling and shouting as unwanted noise compared to the adult system.[1]
* Valid February 2018

SoundRecover2
SoundRecover2 improves high-frequency speech audibility by utilizing its adaptive frequency lowering algorithm that is only applied when the level of hearing loss requires it. SoundRecover2 provides improved audibility of high-frequency information** while also maintaining the low and mid-frequency sounds, giving children access to a broader range of sounds.[2]
** Compared with SoundRecover

Roger and directional setting
With Phonak Roger and directional setting, children using Sky B get the best of both worlds: superior speech understanding with the Roger system and automatically activated directional microphones on Sky B. The new improved setting will activate the directional microphone at lower noise levels, giving children 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.[3]

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.

Indicator light
For added reassurance, an easy-to-understand indicator light visibly confirms the hearing aid is powered on, the Roger program is active and also warns of a low battery. All five Sky B BTE (RIC excluded) models include the indicator light within the transparent push button, to be activated by the fitter per need.

[1] Feilner, M., Rich, S., & Jones, C. (2016). Automatic and directional for kids – Scientific background and implementation of pediatric optimized automatic functions. Phonak Insight, retrieved from www.phonakpro.com/evidence

[2] Rehmann, J., Jha, S., & Allegro Baumann, S. (2016). SoundRecover² – the adaptive frequency compression algorithm. More audibility of high frequency sounds. Phonak Insight, retrieved from www.phonakpro.com/evidence

[3] Jones, C., & Rakita, L. (2016). A powerful noise-fighting duo: Roger™ and Phonak directionality. Phonak Field Study News, retrieved from www.phonakpro.com/evidence

Fitting

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

Performance levels

Programs	Premium (B90)	Advanced (B70)	Standard (B50)
AutoSense Sky OS	Premium	Advanced	Standard
Calm Situation	•	•	•
Speech in Noise	•	•	•
Comfort in Noise	•	•	•
Music	•	•	
Speech in Loud Noise	•		
Speech in Car	•		
Comfort in Echo	•		
Additional programs			
Max. additional programs	5	5	5
Speech in Wind	•		
Comfort in Echo	•		
Speech in Loud Noise	•	•	
Speech in 360°	•	•	
Speech in Noise	•	•	•
Calm Situation	•	•	•
Comfort in Noise	•	•	•
Music	•	•	•
Acoustic phone	•	•	•
Custom program	•	•	•
Streaming programs			
Max. streaming programs	4	4	4
Bluetooth® audio + mic	•	•	•
Bluetooth® phone / DECT + mic	•	•	•
Roger / RemoteMic	•	•	•
Audio jack	•	•	•

Features	Premium (B90)	Advanced (B70)	Standard (B50)
RogerReady	•	•	•
Roger and directional setting	•	•	•
UltraZoom	Premium	Advanced	Standard
SNR-Boost	•	•	•
FlexControl	•	•	•
FlexVolume	•	•	•
DuoPhone	•	•	•
SoundRecover2	•	•	•
User Preference Tuning	•	•	•
Real Ear Sound	•	•	•
Finetuning channels	20	16	12
WhistleBlock	•	•	•
NoiseBlock	•	•	•
WindBlock	•	•	
EchoBlock	•		
SoundRelax	•	•	
QuickSync	•	•	•
auto Acclimatization	•	•	•

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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.

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