Phonak CROS B

Product information

Phonak CROS B is a product for clients with an unaidable hearing loss in one ear. It is worn on the unaidable ear in combination with a Belong™ hearing aid on the better ear. CROS B transfers the microphone input signal to the hearing aid. The hearing aid receives the signal and plays it into the better ear to make sounds coming from the unaidable side audible. CROS B has no acoustical output.

CROS B is compatible to hearing aids in all performance classes using the Phonak Belong platform. It can be fitted with Phonak Target 5.0 and later versions.

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Product description

	CROS B-R	CROS B-312	CROS B-13	CROS B-312 Custom	CROS B-13 Custom
Battery size		312	13	312	13
Working current (mA)		2.6	2.6	2.1	2.1
Push button	•	•	•	•	•
Volume control			•	Optional	Optional
Tamperproof battery door			•		
Nano coating	•	•	•	•	•
IP rating	IP68[1]	IP68[1]	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 in)	26.6 x 10.8 x 6.9 mm (1.05 x 0.43 x 0.27 in)	31.6 x 14.4 x 8.4 mm (1.24 x 0.57 x 0.33 in)		
Weight	2.4g (0.09 oz)	1.3g (0.046 oz)	2.15g (0.076 oz)		
Compatibility	Audéo B-R	Belong RIC/BTE	Belong RIC/BTE	Belong custom products	Belong custom products

1 IP68 indicates that the hearing aid is water resistant and dust protected. It survived immersion in 1m 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.

Colors

CROS B-312 CROS B-13 CROS B-R	P1 Sand Beige	P3 Sandalwood	P4 Chestnut	P5 Champagne	P6 Silver Gray	P7 Graphite Gray	P8 Velvet Black	T7 White	01 Beige
CROS B-13	Q2 Electric Green	Q3 Caribbean Pirate	T3 Chestnut	T7 Alpine White	M6 Lava Red	M7 Blue Ocean	M8 Majesty Purple		
Ear hook (CROS B-13 only)	R1 Green	R2 Yellow	R3 Pink	06 Blue	13 Tranparent	Q7 Purple	R4 Orange		
Custom shell	14 Tan	22 Cocoa	26 Pink	28 Brown	19 White	21 Clear Transparent	36 Red Transparent	37 Blue Transparent	
Faceplate	14 Tan	22 Cocoa	26 Pink	28 Brown					

Retention options

CROS DemoHook
- Hook to hold CROS on the ear during fitting and demonstration
- For demo purposes only
- Included with any Phonak CROS device

CROS Tube
- Standard SlimTube for CROS devices
- Available in left/right and four different lengths (0, 1, 2, 3)
- Dome needs to be attached. Available as open, closed and power dome in three sizes (S, M, L)

CROS Hook
- Earhook to attach a custom earmold with standard tubing to CROS -13 models
- Only available for the CROS -13 models
- Included with any CROS -13 device or can be ordered separately (order number: 048-0261)

CROS Tip
- Custom made earpiece for CROS devices
- Available in left/right and four different lengths (0, 1, 2, 3)

Fitting

Software	Phonak Target 5.0 or higher, 5.2 for CROS B Custom models, 5.3.3 for CROS B-R
Interfaces	iCube II, NOAHLink, HI-PRO, HI-PRO2

When using iCube II, Phonak CROS B is active during fitting.
Your clients can instantly experience the benefits of the CROS solution and provide feedback during the fitting session.

Wireless Communication Portfolio

All wireless accessories can be connected and used with the hearing aid on the better ear.
If a streaming signal is received by the hearing aid, the streaming signal from CROS is automatically put on hold.
The connection to CROS will be automatically re-established when streaming from the accessory is stopped.

Key features

Demonstration of CROS during fitting
When using iCube II, CROS B is active during fitting. This leads to a quicker and more precise fitting process since the patient can give instant feedback on the balance between the devices and the sound quality.

StereoZoom
Zooms in on a single voice in a diffuse, noisy environment improving speech intelligibility by up to 60%[1]. StereoZoom is available for the 90 (manual program and automatic) and the 70 (manual program) performance levels.

1 StereoZoom: Improved speech understanding even with open fittings.
  Phonak Field Study News, April 2011

CROS volume control
Increasing the comfort in noise, the CROS volume control allows the client to individually adjust the volume of the CROS signal.

AutoSense OS
AutoSense OS automatically senses your client's exact listening environment in real-time. It draws from multiple features, while accurately blending them to create over 200 distinct settings.

CROS B performance

CROS B also offers the Speech in Loud Noise program with StereoZoom. It is available in combination B90 and B70 performance level hearing aids. For the lower performance levels, CROS B provides Real Ear Sound and omnidirectional microphone modes.

On the better ear, CROS B clients fully benefit from all Belong features like AutoSense OS. It provides seamless transitions and optimum settings for different listening situation.

Hearing aid performance level	Available microphone modes for CROS B			
	Automatic StereoZoom	Manual StereoZoom	Real Ear Sound	Omnidirectional
Premium (B90)	•	•	•	•
Advanced (B70)		•	•	•
Standard (B50)			•	•
Essential (B30)				•

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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.
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