Phonak CROS B-R 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-R 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-R is only compatible to Phonak Audéo B-R. It can be fitted with Phonak Target 5.3.3 and later versions.

**Description**

[Image of CROS B-R]

- Push button with built-in green indicator light
- Tube
- Anchor (optional)
- Charging contacts
- Speaker dummy (without earpiece attached)

**Special features**

- Constant wireless streaming using Phonak Binaural VoiceStream Technology™
- StereoZoom improves speech intelligibility in noisy environments
- Rechargeable CROS B-R without the hassle of disposable batteries

**General information**

<table>
<thead>
<tr>
<th>Transportation and storage conditions:</th>
<th>-20° to 60° Celsius (−4° to +140° Fahrenheit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity up to 90% (non-condensing)</td>
<td>Humidity during storage: 0% to 70%, if not in use</td>
</tr>
<tr>
<td>IP rating:</td>
<td>IP68</td>
</tr>
<tr>
<td>Indicating the hearing aid is water resistant and dust tight. It survived continuous 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.</td>
<td></td>
</tr>
</tbody>
</table>

Technical Data

Phonak CROS B-R

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### Battery information

<table>
<thead>
<tr>
<th>Model</th>
<th>Battery size</th>
<th>IEC code</th>
<th>ANSI code</th>
<th>Color code on packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>CROS B-R</td>
<td>rechargeable</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Audio information

- **Audio Quality:** 22.05 kHz sampling frequency
- **Audio bandwidth:** 100 Hz – 11 kHz

### Radio information

- **Antenna type:** Integrated ferrite coil antenna (inductive)
- **Operation frequency:** 10.6 MHz
- **Occupied bandwidth (99% BW):** 498 kHz
- **Modulation:** DQPSK
- **Channel:** Single channel radio
- **Operating range:** 18 cm (7”)
- **Wearing option:** Behind the ear
- **Use case:** Streaming of audio signal to receiving hearing aid on the other ear
- **Magnetic field strength @ 10m:** -25.5 dBµA/m

### Standards applied

#### Europe
- **Radio:** ETSI EN 300 330
- **EMC:** EN/IEC 60601-1-2
  - EN 301489
- **Electrical safety:** EN/IEC 60601-1
  - EN 60950-1

#### USA
- **CROS B-R**
  - 47 CFR Part 15.209
  - FCC ID: KWC-RICR

#### Canada
- **RSS-210 Issue 8 Annex 1**
  - IC: 2262A-RICR

#### Japan
- **EWPE**