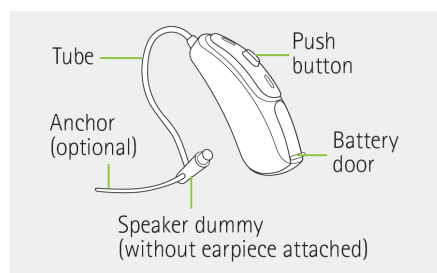




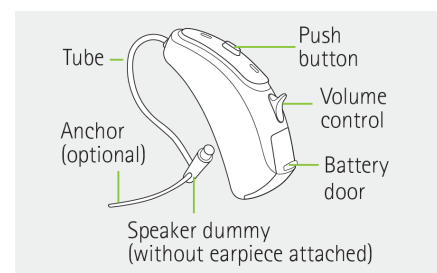
### Phonak CROS II-312 & Phonak CROS II-13

Phonak CROS I I is a dedicated product for clients with an unaidable hearing loss on one ear. It is worn on the unaidable ear in combination with a Venture hearing aid on the better ear. CROS I I 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 from the unaidable side audible. CROS I I has no acoustical output. CROS I I is compatible to hearing aids in all performance classes using the Phonak Venture platform. It can be fitted with Phonak Target 4.1 and later versions. All information shown below applies to both CROS I I models unless otherwise noted.

### Description



CROS I I -312



CROS I I -13

### Special features

- Constant wireless streaming using Phonak Binaural Voicestream Technology™
- StereoZoom to improve speech intelligibility in noisy environments
- Battery consumption reduced by 30% compared to Phonak CROS
- Compatible to all wireless Phonak Venture BTE/RIC hearing aids

### General information

Transportation and storage conditions:	-20° to 60° Celsius (-4° to +140° Fahrenheit) Humidity up to 90% (non-condensing) Humidity during storage: 0% to 70%, if not in use	
IP rating:	<b>CROS I I -312</b> IP57 indicates that the hearing aid is water resistant and dust protected. It survived immersion in 1m of water for 30 minutes and 8 hours in a dust chamber as per the IEC60529 standard.	<b>CROS I I -13</b> IP67 indicates that the hearing aid is water resistant and dust tight. It survived immersion in 1m of water for 30 minutes and 8 hours in a dust chamber as per the IEC60529 standard. No traces of dust were evident within the housing.
Dimensions (L x W x D):	2.4 x 0.6 x 0.9 cm (0.94 x 0.24 x 0.35")	3.2 x 0.8 x 1.5 cm (1.26 x 0.31 x 0.59")
Weight :	1 g (0.035 oz)	2.2 g (0.078 oz)



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## Battery information

Model	Battery size	IEC code	ANSI code	Color code on packaging
CROS I I -312	312	PR41	7002ZD	Brown
CROS I I -13	13	PR48	7000ZD	Orange

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## Audio information

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

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## 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 dB $\mu$ A/m

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## 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 I I -312

47 CFR Part 15.209  
FCC ID: KWC-WHSRIC2

#### CROS I I -13

47 CFR Part 15.209  
FCC ID: KWC-WHSRIC4

### Canada

RSS-210 Issue 8 Annex 1  
IC : 2262A-WHSRIC2

RSS-210 Issue 8 Annex 1  
IC : 2262A-WHSRIC4

### Japan

EWPE

EWPE