

Product Information

POWER BTE

The Power BTE is a strong, robust and modern hearing instrument, suitable for users with moderate to severe hearing losses. The Power BTE is available in all performance categories of Bernafon's

latest products, including Juna, Saphira and Nevara. It comes with an earhook and is also compatible with the miniFit system for added convenience with a variety of custom molds and domes.



JU 9 | 7 P
SA 5 | 3 P
NE 1 P

INSTRUMENT COLORS



BASESHELL COLOR



BASESHELL COLOR



*These colors are available for Juna Power BTE only.

Features

- Directional
- Auto Telephone detection
- Telecoil
- Hydrophobic coating
- Dust and water protection (IP58)
- DAI / FM adapter
- Earhook and miniFit thin tube

Operating Conditions

- Temperature: +33.8°F to 104°F
- Humidity: 5 % to 93 %, non-condensing

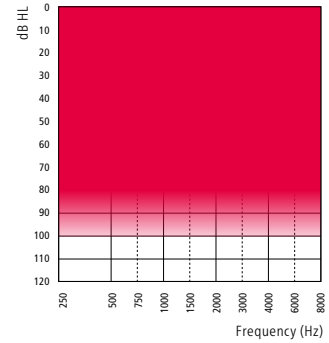
Storage and Transportation Conditions

- Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage:
- Temperature: -13°F to 140°F
 - Humidity: 5 % to 93 %, non-condensing

POWER BTE PRODUCT OVERVIEW

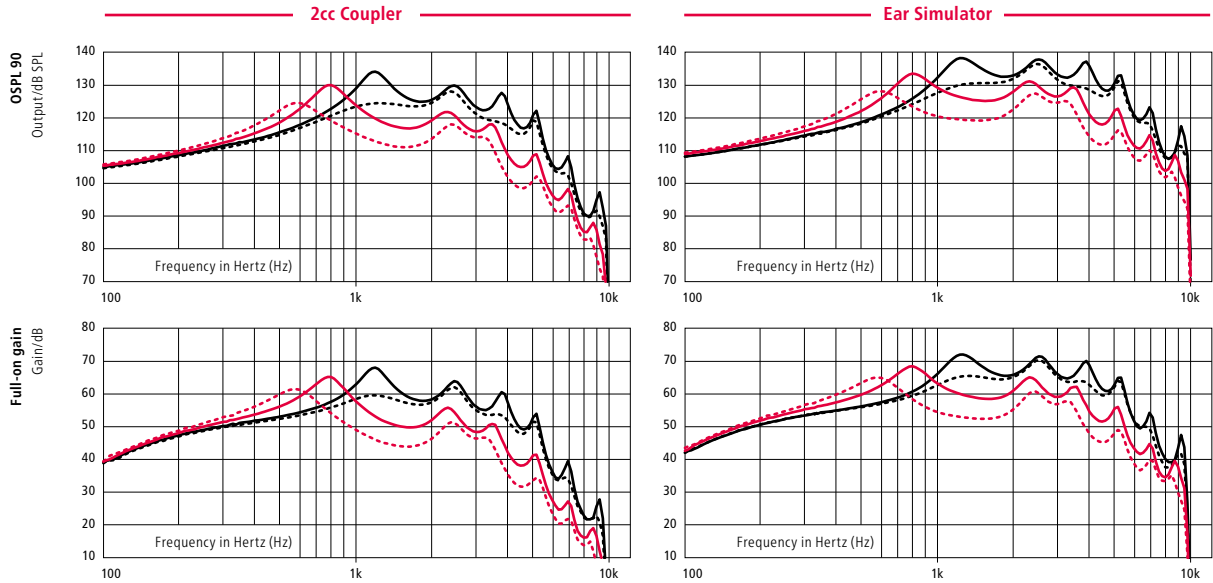


Fitting Range – P



- Earhook without filter
- - - Earhook with filter
- Thin Tube 1.3 mm
- - - Thin Tube 0.9 mm

Contains FCC ID: U6XF2BTEPP
Contains IC: 7031A-F2BTEPP



	2cc Coupler			Ear Simulator		
	EARHOOK	THIN TUBE 1.3	THIN TUBE 0.9	EARHOOK	THIN TUBE 1.3	THIN TUBE 0.9
OSPL90, Peak (dB SPL)	134*	130	125	138*	133*	128
OSPL90, 1600 Hz (dB SPL)	126	117	111	134*	125	119
OSPL90, HFA (dB SPL)	128	120	114	—	—	—
Full-on Gain, Peak (dB)	68	65	61	72	68	65
Full-on Gain, 1600 Hz (dB)	59	50	44	67	58	52
Full-on Gain, HFA (dB)	62	54	48	—	—	—
Reference Test Gain (dB)	51	42	37	58	50	43
Quiescent Current (mA)	1.3	1.3	1.3	1.3	1.3	1.3
Operating Current (mA)	1.7	1.8	1.8	1.5	1.5	1.4
Distortion 500/800/1600 Hz (%)	<3/<2/<2	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100 – 5600	100 – 5600	100 – 5800	—	—	—
Equivalent Input Noise ¹⁾ , dB(A)	16	18	20	18	20	22
Telecoil 1 mA /m 1600 Hz, IEC (dB SPL)	88	79	73	96	87	80
Telecoil HFA SPLITS (dB SPL)	108	100	94	—	—	—
Program Selector	●	●	●	●	●	●
Local Volume Control	●	●	●	●	●	●
Telecoil	●	●	●	●	●	●
Auto Telephone Detection	●	●	●	●	●	●
Battery Size	13	13	13	13	13	13
Microphone System	dir	dir	dir	dir	dir	dir
FM Adapter	○	○	○	○	○	○
DAI Adapter	○	○	○	○	○	○
Earhook	●	—	—	●	—	—
Thin Tube 0.9/1.3	—	○	○	—	○	○

● standard ○ optional

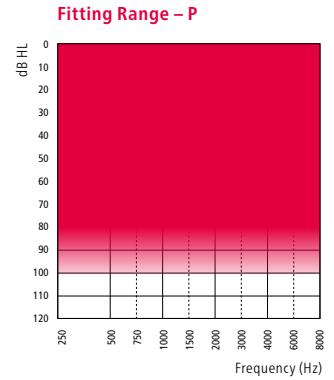
¹⁾ Technical data measured with expansion, corresponding to the test box measurement settings.

"2cc" refers to a coupler according to IEC 60318-5:2006. "Ear simulator" refers to a coupler according to IEC 60318-4:2010. Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014.

*** Warning to the instrument dispenser**

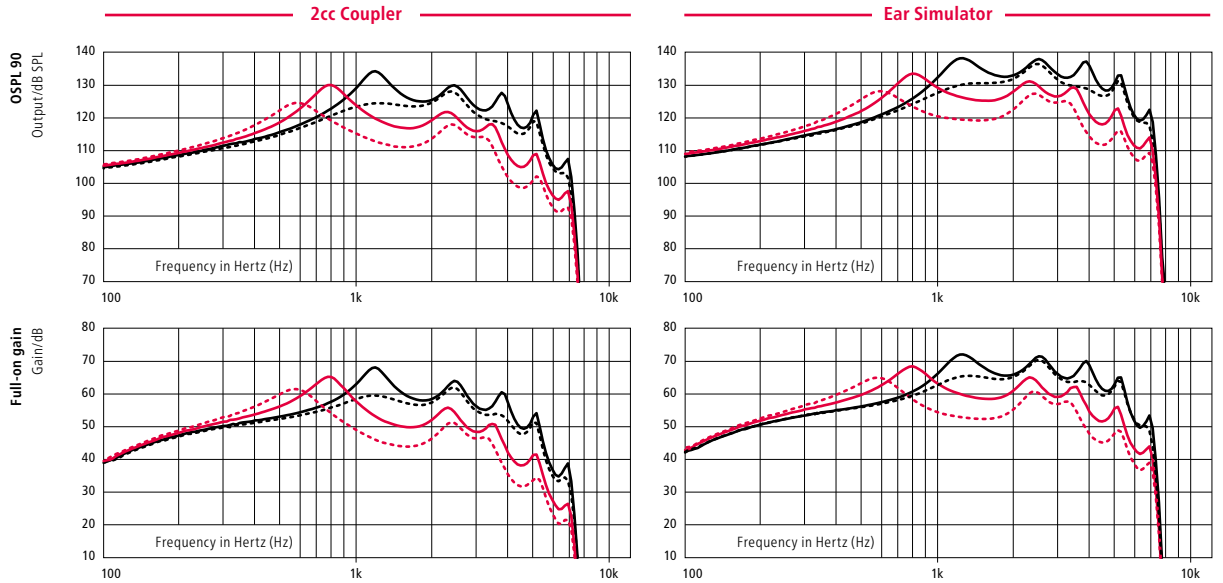
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 60318-4). Special care should be exercised in selecting and fitting the instrument, as there may be risk of impairing the remaining hearing of the hearing instrument user.

POWER BTE PRODUCT OVERVIEW



— Earhook without filter
 --- Earhook with filter
 - - - Thin Tube 1.3 mm
 - - - Thin Tube 0.9 mm

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OSPL90, Peak (dB SPL)	134*	130	125	138*	133*	128
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Quiescent Current (mA)	1.3	1.3	1.3	1.3	1.3	1.3
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Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100 – 5600	100 – 5600	100 – 5800	-	-	-
Equivalent Input Noise ¹⁾ , dB(A)	15	18	20	18	20	22
Telecoil 1 mA /m 1600 Hz, IEC (dB SPL)	89	79	73	96	87	80
Telecoil HFA SPLITS (dB SPL)	108	100	94	-	-	-
Program Selector	●	●	●	●	●	●
Local Volume Control	●	●	●	●	●	●
Telecoil	●	●	●	●	●	●
Auto Telephone Detection	●	●	●	●	●	●
Battery Size	13	13	13	13	13	13
Microphone System	dir	dir	dir	dir	dir	dir
FM Adapter	○	○	○	○	○	○
DAI Adapter	○	○	○	○	○	○
Earhook	●	-	-	●	-	-
Thin Tube 0.9/1.3	-	○	○	-	○	○

● standard ○ optional

¹⁾ Technical data measured with expansion, corresponding to the test box measurement settings.

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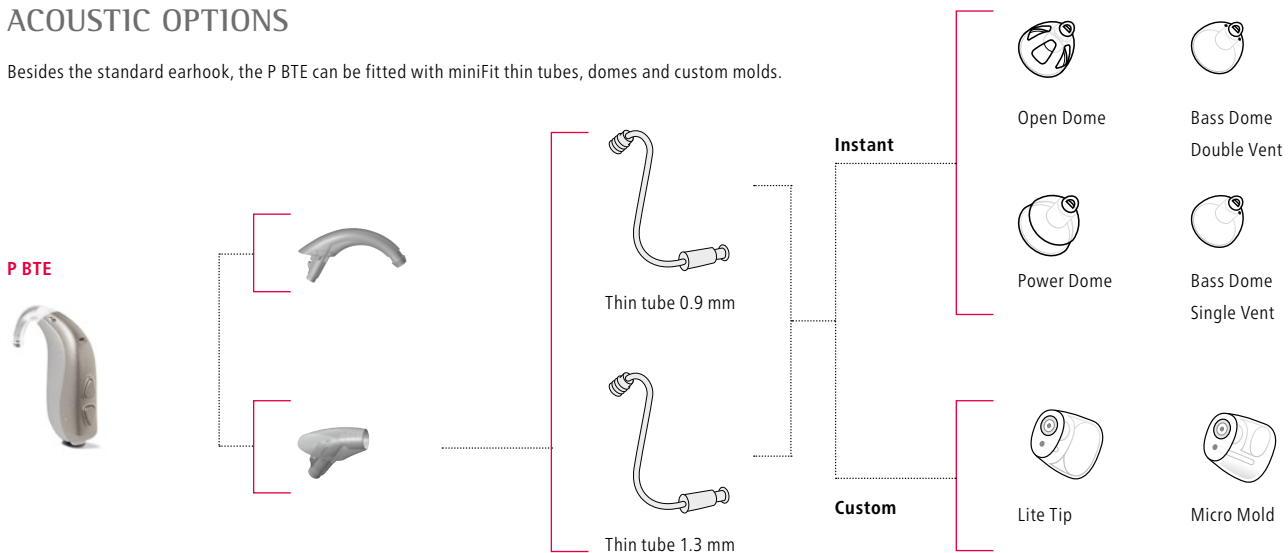
Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014.

* Warning to the instrument dispenser

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ACOUSTIC OPTIONS

Besides the standard earhook, the P BTE can be fitted with miniFit thin tubes, domes and custom molds.



PROGRAMMING EQUIPMENT

Power BTE are programmed with Bernafon Oasis, version 22.0 or higher, a NOAH compatible MS-Windows® based PC-fitting software. HI-PRO, HI-PRO 2, NOAHlink, EXPRESSlink³, FittingLINK or nEARcom programming interface is required. A stand-alone installation of Oasis is also possible.

Operating System

Microsoft® Windows® 8.1, 32/64 bit, all editions
 Microsoft® Windows® 8, 32/64 bit, all editions
 Microsoft® Windows® 7, 32/64 bit, all editions
 Microsoft® Windows Vista®, 32/64 bit, all editions
 Microsoft® Windows® XP SP3

Noah

Noah 4 (all versions)
 Noah 4.3 (minimum for Windows® 8)
 All versions of Noah 3 (not recommended)
 Note: If you are using OAS software please use only versions with Noah Engine updated to the minimum standard above.

ACCESSORIES	DESCRIPTION	PART NUMBER
Prog. cable, Nr. 2 New standard (HI-PRO)	Blue, left	384-20-033-00
Prog. cable, Nr. 2 New standard (HI-PRO)	Red, right	384-20-032-00
Prog. cable, Nr. 2 New standard (NOAHlink)	Blue, left	384-20-035-00
Prog. cable, Nr. 2 New standard (NOAHlink)	Red, right	384-20-034-00
FittingLINK	Wireless programming device for direct PC to hearing aid programming	144720

ACCESSORIES

PRODUCT	DESCRIPTION	PART NUMBER
DAI Adapter (AP1000)	For P BTE	142207
FM Adapter (FM10)	For P BTE	142328
miniFit Thin Tube Kit	Containing all miniFit parts and tools	163095




Manufacturer:
 Bernafon AG
 Morgenstrasse 131
 3018 Bern
 Switzerland
 www.bernafon.com

Local Manufacturer
 & Distributor:
 Bernafon Canada
 500 Trillium Drive, Unit 15
 Kitchener, ON, N2R 1A7
 www.bernafon.ca

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