

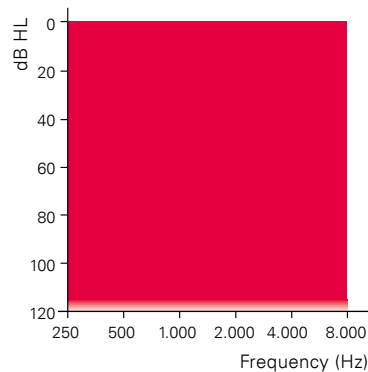
Product Information

SUPREMIA 7 | 3

Bernafon's Supremia 7|3 is a Super Power BTE hearing aid, suitable for severe to profound hearing losses. Supremia features the Bernafon proprietary Audio Efficiency™ technology that incorporates outstanding features such as Speech Cue Priority™,

Reverb Reduction, and Frequency Composition™. All wireless accessories including the SoundGate 3, SoundGate Mic, RC-N remote control, and many more can also be connected to Supremia.

SUPER POWER WITH EARHOOK



INSTRUMENT COLORS



All Super Power BTEs come with sand beige base shell color and various top shell colors

Audio Efficiency™

Speech

- ChannelFree™
- Speech Cue Priority™
- Frequency Composition™
- True Directionality™*

Comfort

- Adaptive Feedback Canceller Plus
- Adaptive Noise Reduction Plus
- Transient Noise Reduction*
- Reverb Reduction*
- Binaural Coordination

Individualization

- Wireless Connectivity
- Language Specific Targets
- REMfit™

* In Supremia 7 only

Additional Features

Technical Features

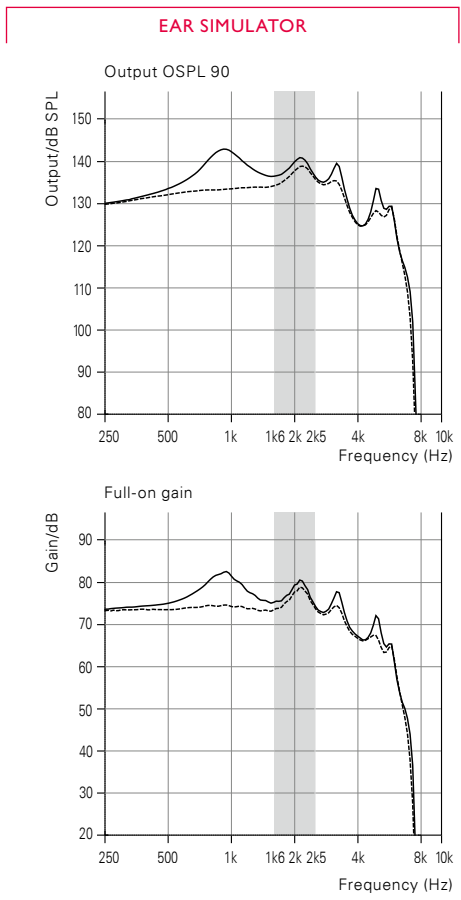
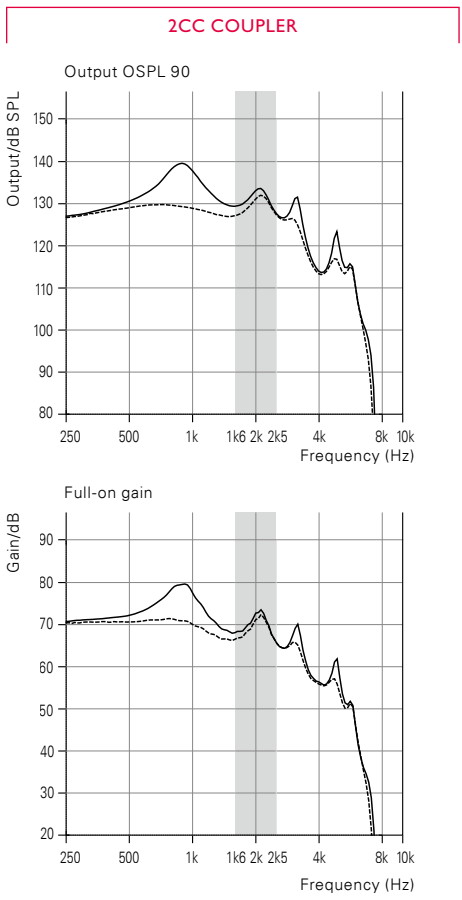
- Digital signal processing up to 8 kHz
- Multi-Environment Program
- Environment Optimizer*
- Auto Telephone detection*
- Telecoil
- Adaptive Directionality
- Hydrophobic coating
- Dust and water protection (IP58)
- LED indicator

Customization Features

- Data Logging
- Smart VC*
- Up to 13 listening program options
- 4 freely-assignable program slots
- DAI/FM adapter
- 1 dB VC step option



SR 7|3 SP
Earhook



— Measurements with earhook without filter
- - - Measurements with earhook with filter

2CC COUPLER

	EARHOOK WITHOUT FILTER	EARHOOK WITH FILTER
OSPL 90, Peak (dB SPL)	139**	132**
OSPL 90, 1600 Hz (dB SPL)	129	127
HFA-OSPL 90 (dB SPL)	131	128
Full-On Gain, Peak (dB)	79	72
Full-On Gain, 1600 Hz (dB)	68	66
HFA Full-On Gain (dB)	70	67
Reference Test Gain (dB)	54	51
Quiescent Current (mA)	1.1	1.1
Operating Current (mA)	2.0	1.7
Battery Size	13	
Distortion 500/800/1600 Hz (%)	<3/<2/<2	<2/<2/<2
Frequency Range (Hz)	100 – 6000	100 – 6000
Equivalent Input Noise ¹⁾ , dB(A)	16	17
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	98	96
Telecoil HFA SPLITS (dB SPL)	108	101
Program Selector	●	
Local Volume Control	●	
LED Indicator	●	
Auto Telephone Detection	●*	
Microphone System	dir	

EAR SIMULATOR

	EARHOOK WITHOUT FILTER	EARHOOK WITH FILTER
OSPL 90, Peak (dB SPL)	143**	139**
OSPL 90, 1600 Hz (dB SPL)	136**	134**
HFA-OSPL 90 (dB SPL)	-	-
Full-On Gain, Peak (dB)	82	79
Full-On Gain, 1600 Hz (dB)	75	73
HFA Full-On Gain (dB)	-	-
Reference Test Gain (dB)	62	60
Quiescent Current (mA)	1.1	1.1
Operating Current (mA)	1.3	1.3
Battery Size	13	
Distortion 500/800/1600 Hz (%)	<9/<2/<3	<5/<4/<4
Frequency Range (Hz)	-	-
Equivalent Input Noise ¹⁾ , dB(A)	18	17
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	105	103
Telecoil HFA SPLITS (dB SPL)	-	-
Program Selector	●	
Local Volume Control	●	
LED Indicator	●	
Auto Telephone Detection	●*	
Microphone System	dir	

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: 2009.

**Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 60318-4) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

*In Supremia 7 only

	SUPREMA 7	SUPREMA 3
SIGNAL PROCESSING		
ChannelFree™	●	●
Speech Cue Priority™	●	●
Frequency Composition™	●***	●
Frequency Bandwidth	8 kHz	8 kHz
LISTENING COMFORT		
Adaptive Noise Reduction Plus (ANR Plus)	5 ctr	4 ctr
ANR Plus Ultra Comfort	●	–
Transient Noise Reduction	●	–
Adaptive Feedback Canceller Plus	●	●
Wind Noise Monitor	●	●
Environment Optimizer	1/4	–
Advanced Soft Noise Management	3 ctr	2 ctr
Reverb Reduction	●	–
BINAURAL SYNCHRONIZATION		
Mute, Program Change	●	●
Environment Classification	●	–
Non-Telephone Ear Attenuation (Auto-T)	●	–
DIRECTIONALITY CONTROLS		
Adaptive Directionality	●	●
True Directionality™	●	–
CONVENIENCE FEATURES		
VC Clicks	●	●
Mute Via Push Button	●	●
Configurable Start-Up Delay	●	●
1 dB VC Step Option	●	●
LED Status Indicator	●	●
INDIVIDUALIZATION		
Program Options/Memories	13/4	11/4
Adaptivity Control	●	–
Data Logging	●	●
Smart VC	●	–
Language Specific Targets	●	●
REMfit™	●	●
Client Interactive	●	●
ACCESSORIES (OPTIONAL)		
RC-N Remote Control	●	●
SoundGate 3 (Bluetooth®)	●	●
SoundGate Mic (with SoundGate 3)	●	●
TV / Phone Adapter 2	●	●
FM Adapter	●	●
DAI Adapter	●	●
CROS Microphone	●	●

***Suprema 7 offers an additional destination frequency range (1.0 – 2.9 kHz)

PROGRAMMING EQUIPMENT



Supremia 7|3 Super Power is programmed with Bernafon Oasis, Version 21.0 or higher, a NOAH compatible MS-Windows® based PC-fitting software. NOAH with a FittingLINK, HI-PRO, HI-PRO USB, HI-PRO 2, NOAHlink, EXPRESSlink³, 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)

PRODUCT	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. Requires a dedicated USB Bluetooth® dongle for plug and play operation (included in the package).	144720	

ACCESSORIES

PRODUCT	DESCRIPTION	PART NUMBER	
RC-N Remote Control	Discreet device for volume and program adjustments	139772	
SoundGate 3 (Bluetooth®)	Interface for wireless communication, remote control. With telecoil.	144604	
SoundGate Mic	Clip-on microphone that enhances speech understanding of a chosen speaker's voice (requires SoundGate 3)	145645	
TV Adapter 2 (Bluetooth®)	Enables wireless reception of TV audio signals	127847	
Phone Adapter 2 (Bluetooth®)	Enables wireless reception of landline phone calls	124396 (EU), 130976 (JP), 130977 (KR), 130978 (NZ), 130979 (US), 130980 (ZA), 130981 (AU), 130982 (BR), 130983 (CN), 131571 (RU)	
DAI Adapter	Product of SBO	147602	
FM Adapter	Product of SBO	147435	
Programming Adapter		399-50-640-00	
CROS Microphone Unit	Product of SBO	153877	

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 Switzerland
 www.bernafon.com

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 & Distributor:
 Bernafon Canada
 500 Trillium Drive, Unit 15
 Kitchener, ON, N2R 1A7
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