

## Product Information

# JUNA/SAPHIRA IICx/IIC/CIC

**The invisible-in-the-canal or IIC styles are the smallest, most discreet hearing solutions.** They deliver natural sound quality while minimizing the risk of feedback. The IICx is Bernafon's new wireless IIC

model available in Juna 9 and Saphira 5. The IIC and CIC are now even smaller than before with new face-plates and new amplifiers that help to further reduce their size.

### IICx



JU 9 IICx  
SA 5 IICx

### IIC



JU 9 IIC  
SA 5 IIC

### CIC



JU 9|7 CIC  
SA 5|3 CIC

## Audio Efficiency™\*

### Speech

- ChannelFree™
- Speech Cue Priority™
- Frequency Composition™
- i-VC

### Comfort

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

### Individualization

- Live Music and Cinema Programs
- Comfort in Airplane Program
- Wireless Connectivity
- Language Specific Targets
- REMfit™

## Additional Features\*

### Technical Features

- Digital signal processing up to 10 kHz
- Multi-Environment Program
- Environment Optimizer
- Soft Noise Management

### Customization Features

- Data Logging
- Data Learning
- VC Learning Limits and Smart VC
- Up to 13 listening program options
- Up to 4 freely-assignable program slots

\* Not all features are available in all styles



JU 9 IICx



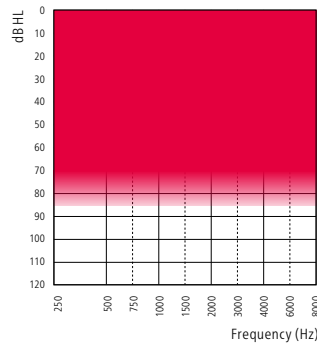
JU 9 IIC



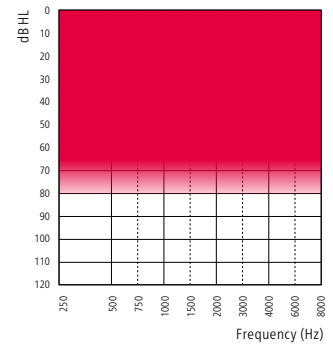
JU 9 | 7 CIC

- IICx
- - - IIC
- CIC

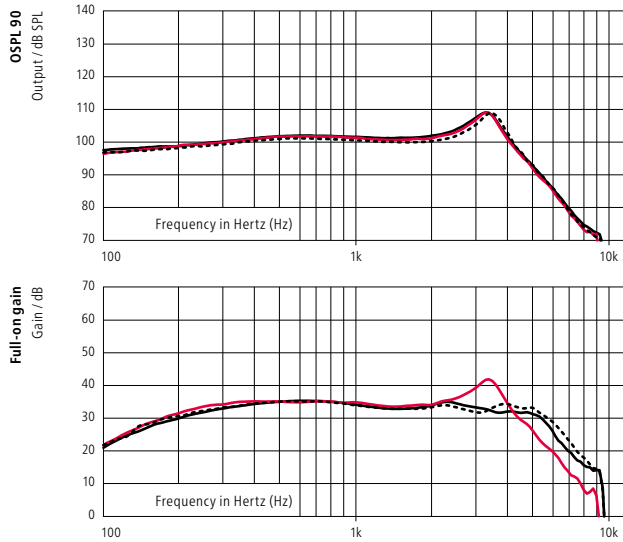
Fitting Range – IICx/IIC



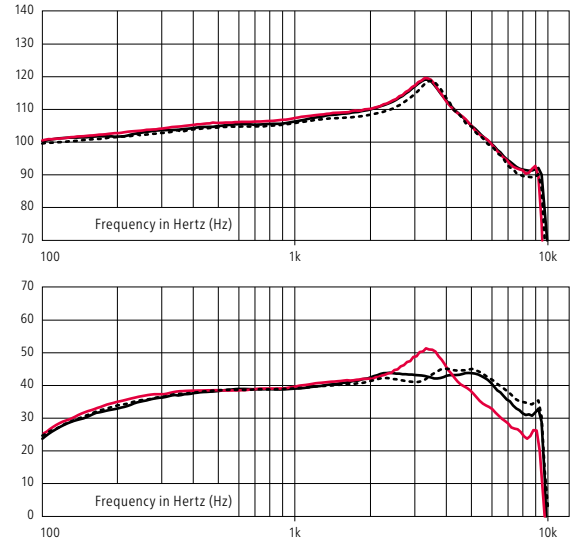
Fitting Range – CIC



2cc Coupler



Ear Simulator



2cc Coupler

Ear Simulator

	IICx	IIC	CIC	IICx	IIC	CIC
OSPL90, Peak (dB SPL)	109	109	109	119	119	120
OSPL90, 1600 Hz (dB SPL)	101	100	101	109	107	109
OSPL90, HFA (dB SPL)	102	101	102	–	–	–
Full-on Gain, Peak (dB)	35	35	42	44	45	52
Full-on Gain, 1600 Hz (dB)	33	33	34	41	40	42
Full-on Gain, HFA (dB)	34	33	35	–	–	–
Reference Test Gain (dB)	25	25	24	34	34	34
Quiescent Current (mA)	1.0	0.8	0.7	1.0	0.8	0.7
Operating Current (mA)	1.1	0.9	0.8	1.0	0.8	0.8
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<3/<3/<3	<2/<2/<3	<2/<2/<2
Frequency Range (Hz)	100 – 9400	100 – 9400	100 – 6700	–	–	–
Equivalent Input Noise <sup>1)</sup> , dB(A)	19	20	21	21	21	24
Program Selector	*	–	○	*	–	○
Volume Control	*	–	–	*	–	–
Telecoil	–	–	–	–	–	–
Auto Telephone Detection	–	–	–	–	–	–
Battery Size	10	10	10	10	10	10
Microphone System	omni	omni	omni	omni	omni	omni
RC-N Remote Control	○	–	–	○	–	–
SoundGate 3 (Bluetooth)	○	–	–	○	–	–
Soundgate Mic	○	–	–	○	–	–
TV Adapter 2	○	–	–	○	–	–
Phone Adapter 2	○	–	–	○	–	–

● standard ○ optional

<sup>1)</sup> 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.

\*Via SoundGate 3 or RC-N



SA 5 IICx

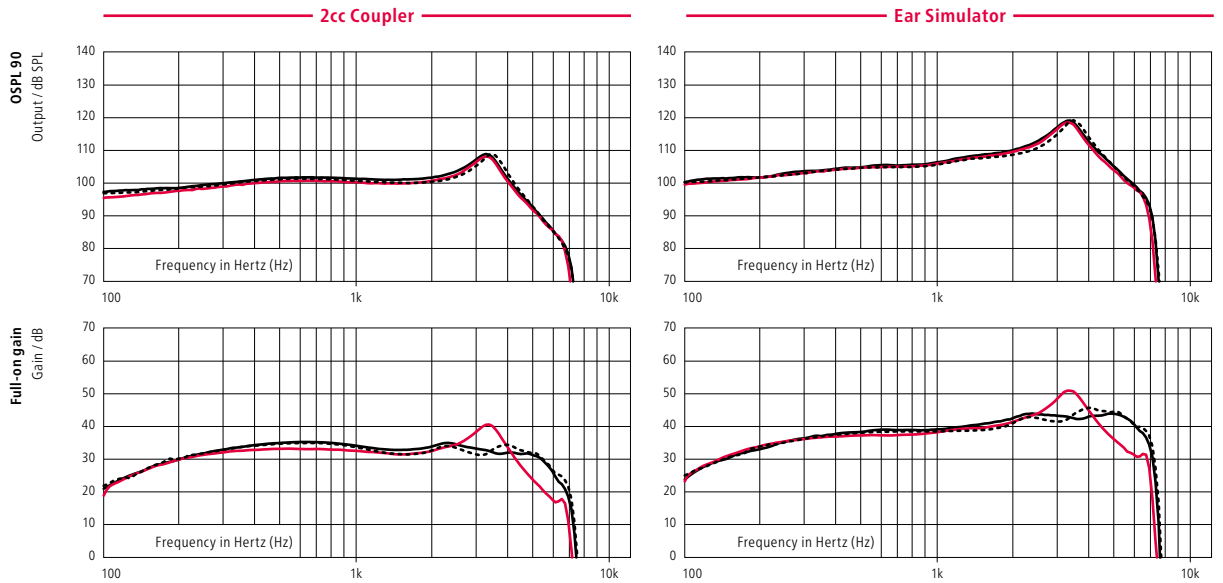
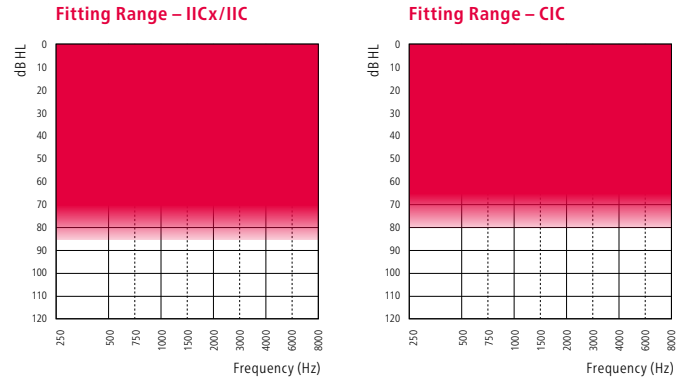


SA 5 IIC



SA 5 |3 CIC

— IICx  
 - - - IIC  
 — CIC



	2cc Coupler			Ear Simulator		
	IICx	IIC	CIC	IICx	IIC	CIC
OSPL90, Peak (dB SPL)	109	109	108	119	119	118
OSPL90, 1600 Hz (dB SPL)	101	100	100	109	108	108
OSPL90, HFA (dB SPL)	102	101	101	-	-	-
Full-on Gain, Peak (dB)	35	35	41	44	46	51
Full-on Gain, 1600 Hz (dB)	33	31	31	41	39	40
Full-on Gain, HFA (dB)	34	33	33	-	-	-
Reference Test Gain (dB)	25	24	22	34	32	33
Quiescent Current (mA)	1.0	0.9	0.7	1.0	0.9	0.7
Operating Current (mA)	1.1	1.0	0.8	1.0	1.0	0.8
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<3/<3/<3	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100 – 7300	100 – 7300	100 – 6900	-	-	-
Equivalent Input Noise <sup>1)</sup> , dB(A)	19	20	22	21	22	24
Program Selector	*	-	○	*	-	○
Volume Control	*	-	-	*	-	-
Telecoil	-	-	-	-	-	-
Auto Telephone Detection	-	-	-	-	-	-
Battery Size	10	10	10	10	10	10
Microphone System	omni	omni	omni	omni	omni	omni
RC-N Remote Control	○	-	-	○	-	-
SoundGate 3 (Bluetooth)	○	-	-	○	-	-
Soundgate Mic	○	-	-	○	-	-
TV Adapter 2	○	-	-	○	-	-
Phone Adapter 2	○	-	-	○	-	-

● standard ○ optional

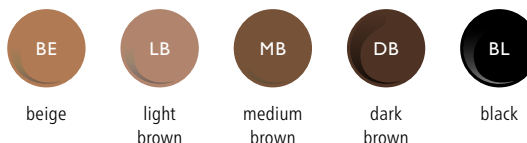
<sup>1)</sup> Technical data measured with expansion, corresponding to the test box measurement settings.

"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.

\*Via SoundGate 3 or RC-N

## HEARING INSTRUMENT COLORS

CIC is available in four colors. IICx and IIC are available in black only.



## PROGRAMMING EQUIPMENT

IICx, IIC and CIC are programmed with Bernafon Oasis, version 24.0 or higher, a NOAH compatible MS-Windows® based PC-fitting software. HI-PRO, HI-PRO 2, NOAHlink, EXPRESSlink<sup>3</sup>, FittingLINK or nEARcom programming interface is required. A stand-alone installation of Oasis is also possible.






### Operating System

Windows® 10, 32/64 bit, all editions  
 Windows® 8, 32/64 bit, all editions  
 Windows® 7, 32/64 bit, all editions  
 Windows® Vista, 32/64 bit, all editions

### Noah

Noah 4.4 or higher (minimum for Windows® 10)  
 Noah 4.3 (minimum for Windows® 8)  
 Noah 4.2 (minimum for Windows® 7)  
 Noah 4  
 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

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	
FlexConnect Mini	Programming strip for IICx	390-01-180-05	
Programming Adaptor Mini	To program non-wireless CIC, IIC	164237	
RC-N Remote Control	Discreet device for volume and program adjustment	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)	




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 & Distributor:  
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