

Product information

Entra A 2|1 ITC, ITE HS, ITE FS

Entra A ITC, ITE HS and ITE FS are Bernafon's most flexible in-the-ear hearing instruments, suitable for slight to severe hearing losses. Individual client needs and preferences are supported by boundless combinations of sizes, fitting levels, options, and colors. Featuring the industry-leading dual-radio 2.4 GHz and super-fast, power-efficient NFMI technology, they can

be used like stereo headphones. Together with the SoundClip-A, they are truly made for all phones, streaming sound to both ears from modern Bluetooth® sound devices including iPhone®, iPad®, iPod® and Android™ solutions. Sophisticated features work together for seamless and boundless adaptation to listening environments.



EA 2|1 ITC (In-The-Canal)

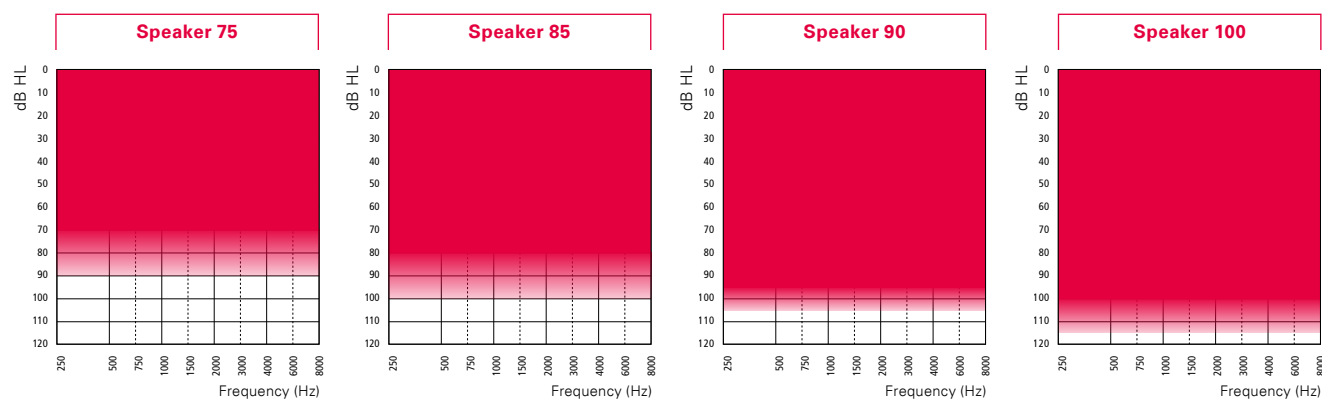


EA 2|1 ITE HS (Half Shell)



EA 2|1 ITE FS (Full Shell)

Made for
iPhone | iPad | iPod



Technical features

- Battery sizes: 312, 13 (ITE HS & FS only)
- Directional microphones
- Near-field magnetic induction (NFMI)
- Hydrophobic coating
- IP68 rated

Optional features

- 2.4 GHz Bluetooth® Low Energy*
- Push button, volume control, telecoil*
- Auto telephone (detection)

Connectivity features

(for instruments with optional 2.4 GHz Bluetooth® Low Energy)

- Direct audio streaming (compatible with iOS devices)
- 2.4 GHz Bluetooth Low Energy
- EasyControl-A app (for iOS and Android™)
- RC-A (remote control)
- TV-A (TV adapter)
- Noahlink Wireless (wireless programming interface)
- SoundClip-A

* Hearing aid with battery size 312 can accommodate either 2.4 GHz wireless or telecoil. Choose battery size 13 if both options are required.

Entra A is a Made for iPhone®, iPad®, iPod® hearing aid. Devices must be running iOS 9.3 or later. For information on compatibility, please visit www.bernafon.com/hearing-aid-users/hearing-aids/connectivity/compatibility.

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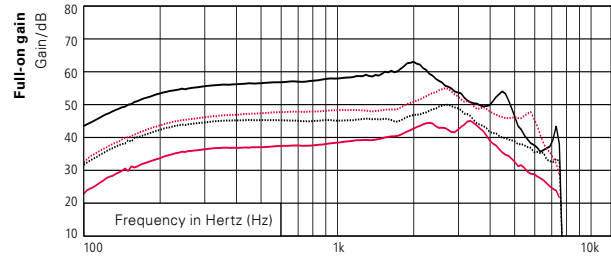
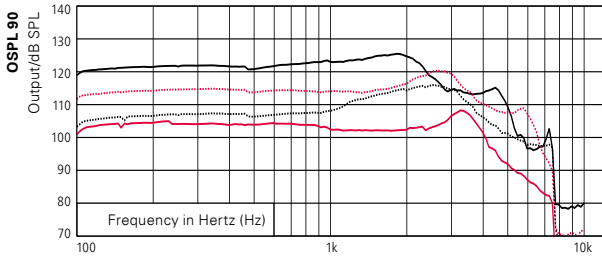
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Your hearing • Our passion

Entra A 2|1

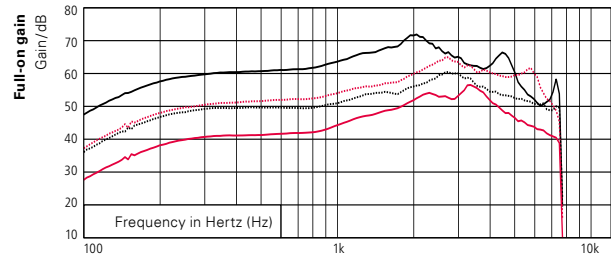
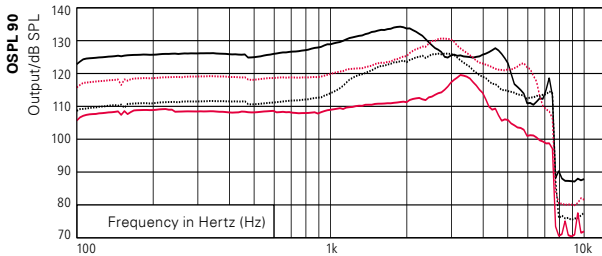
- Speaker 100
- Speaker 90
- Speaker 85
- Speaker 75

2CC coupler



	Speaker 75	Speaker 85	Speaker 90	Speaker 100
OSPL90, Peak (dB SPL)	108	116	120	125
OSPL90, 1600 Hz (dB SPL)	102	113	115	125
OSPL90, HFA (dB SPL)	103	112	116	122
Full-on Gain, Peak (dB)	45	50	55	63
Full-on Gain, 1600 Hz (dB)	40	46	48	60
Full-on Gain, HFA (dB)	41	47	50	58
Reference Test Gain (dB)	27	35	39	45
Quiescent Current (mA)	1.7	1.7	1.7	1.7
Operating Current (mA)	1.8	1.9	1.8	1.8
Distortion 500/800/1600 Hz (%)	<2 <2 <2	<2 <2 <2	<2 <2 <2	<2 <2 <2
Frequency Range (Hz)	100-7500	100-7500	100-7500	100-7100
Equivalent Input Noise1) dB(A)	16	15	15	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	69	75	79	89
Telecoil HFA SPLITS (dB SPL)	83	92	96	103

Ear simulator



	Speaker 75	Speaker 85	Speaker 90	Speaker 100
OSPL90, Peak (dB SPL)	120	126	131	134
OSPL90, 1600 Hz (dB SPL)	111	122	123	133
OSPL90, HFA (dB SPL)	111	121	124	130
Full-on Gain, Peak (dB)	57	60	65	72
Full-on Gain, 1600 Hz (dB)	49	54	57	68
Full-on Gain, HFA (dB)	49	55	58	67
Reference Test Gain (dB)	37	47	48	58
Quiescent Current (mA)	1.7	1.7	1.7	1.7
Operating Current (mA)	1.7	1.8	1.8	1.8
Battery Size	312 13	312 13	312 13	312 13
Distortion 500/800/1600 Hz (%)	2 3 4	2 4 3	2 2 2	2 2 3
Frequency Range (Hz)	110-7500	100-7500	110-7500	100-7500
Equivalent Input Noise1) dB(A)	18	17	18	14
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	79	84	87	98

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, IEC 60118-0:2015.

Full-on gain is measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB.

This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

Warning to the instrument dispenser

The maximum output capability of the hearing aid 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 aid user.

	Entra A 2	Entra A 1
DECS™ (Dynamic Environment Control System™)		
Dynamic Noise Management™		
Dynamic Directionality	Low focus	Low focus
Dynamic Noise Reduction	●	●
Dynamic Speech Processing™		
ChannelFree™	●	●
Speech Cue Priority™	●	●
Speech		
Low Frequency Enhancer ²⁾	●	●
Frequency Composition™ ³⁾	●	–
Comfort		
Adaptive Feedback Canceller	●	●
Transient Noise Reduction	●	–
Wind Noise Manager	●	●
Soft Noise Management	●	●
Processing		
Frequency Bandwidth	8 kHz	8 kHz
Fitting Bands	10	8
Directionality controls		
Fixed Dir	●	●
Fixed Omni	●	●
Individualization		
Program Option ¹⁾ /Memories	10/4	10/4
Binaural Coordination: VC, Program Change, Mute	●	●
Automatic Adaptation Manager	●	●
Data Logging	●	●
Tinnitus SoundSupport ²⁾	●	●

¹⁾ Can vary if no telecoil present

²⁾ Requires push button

³⁾ Requires 2.4 GHz streaming

Entra A 2|1 ITC, ITE HS and ITE FS instruments can be programmed with Oasis^{next} 2022.2 or higher

Operating conditions

- Temperature: +1°C to +40°C (+34 °F to +104 °F)
- Humidity: 5 % to 93 %, relative humidity, non-condensing
- Atmospheric pressure: 700 hPa to 1060 hPa

Storage and transportation conditions

Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage:

- Temperature: –25°C to +60°C (–13 °F to +140 °F)
- Humidity: 5 % to 93 %, relative humidity, non-condensing
- Atmospheric pressure: 700 hPa to 1060 hPa



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Bernafon is part of the Demant Group.

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