



inoX CIC 8C

Smart Demo inoX CIC 8C

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Data Sheet
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inoX CIC 8C · Technical Data

	2 ccm coupler	Ear simulator
Output sound pressure level		
OSPL 90 at 1.6 kHz	-	117 dB SPL
OSPL 90 (Peak)	113 dB SPL	125 dB SPL
HFA-OSPL 90	109 dB SPL	-
Gain		
FOG at 1.6 kHz	-	53 dB
FOG (peak)	50 dB	60 dB
HFA-FOG	46 dB	-
Reference test gain	33 dB	42 dB
Frequency, noise and directivity		
Frequency range 80 8C 60 8C / 40 8C / 30 8C / 20 8C	100 - 7800 Hz 100 - 7800 Hz	100 - 8700 Hz 100 - 8100 Hz
Equivalent input noise	18 dB SPL	18 dB SPL
Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz	2 / 2 / 2 / 1 %	4 / 5 / 5 / - %
Broadband tinnitus function	70 dB SPL	-
AI-DI	-	-
Inductive coil sensitivity		
MASL (1 mA/m) at 1.6 kHz	-	-
HFA MASL (1 mA/m)	-	-
HFA SPLITS (left/right)	-	-
RSETS (left/right)	-	-
Battery		
Battery voltage	1.3 V	
Battery current drain	1.1 mA	
Battery life (cell zinc air)	~60 h	
Battery life (rechargeable)	-	
IRIL IEC 60118-13:2016 Ed. 4.0		
700-960 MHz (rating)	user	
1400-2000 MHz (rating)	user	
2000-2700 MHz (rating)	user	
ANSI C63.19-2011		
800-950 MHz (rating)	M4	
1600-2500 MHz (rating)	M4	

inoX CIC 8C · Features and Accessories

MyCore Platform	80 8C	60 8C	40 8C	30 8C	20 8C
Signal processing (channels) / Gain/MPO (handles)	48 / 20	32 / 16	24 / 12	16 / 8	16 / 8
Hearing programs	6	6	6	4	4
Direct Audio Streaming / Made for iPhone	–	–	–	–	–
My Voice ¹⁾	–	–	–	–	–
Wireless Sync ¹⁾	●	●	●	●	●
Volume and control coupling ¹⁾	●	●	●	●	●
MyCore Speech					
HD Bandwidth (up to 10 kHz)	●	–	–	–	–
iFocus 360 ¹⁾	–	–	–	–	–
Focus 360	–	–	–	–	–
HD Directionality	●	●	–	–	–
Stereo iLock ¹⁾	–	–	–	–	–
Directional iLock ¹⁾	–	–	–	–	–
Voice Ranger	●	●	●	●	●
XPhone ¹⁾	●	●	●	–	–
Multichannel Adaptive Directional Microphone	●	●	●	–	–
Automatic Directional Microphone	●	●	●	–	–
Fixed Directional Microphone	–	–	–	–	–
Bandwidth Compression	●	●	●	●	●
Intelligent Feedback Preventer	●	●	●	●	●
MyCore Sound Quality and Comfort					
Dynamic Extender	●	●	●	●	●
Auto Volume ²⁾	–	–	–	–	–
Microphone-pattern adjustment ^{1) 3)}	–	–	–	–	–
Reverb Reducer	●	–	–	–	–
Music Enhancer	Premium	High	–	–	–
iOmni	–	–	–	–	–
Sound Smoothing (settings)	3	3	on/off	on/off	–
Intelligent Wind Noise Cancellation ¹⁾	–	–	–	–	–
Wind Noise Cancellation	●	●	●	●	–
Noise Management	●	●	●	●	●
Tinnitus Sound Function ⁴⁾ (presets)	6	6	6	6	–
Tinnitus Notch Function ⁴⁾	●	●	●	–	–
MyCore Automatic Optimization					
Smart Automatic Equalizer	Premium	Premium	High	–	–
Smart Automatic Acclimatization	Premium	Premium	High	High	Standard
Automatic Classifier	●	●	●	●	●
Data Logging	●	●	●	●	●

¹⁾ Bilateral fitting required

²⁾ Streaming only

³⁾ requires Connexx Smart Direct App

⁴⁾ Availability is country-dependent

● available – not available

Performance levels: Premium High Standard

inoX CIC 8C · Features and Accessories

Style specific features	80 8C / 60 8C / 40 8C	30 8C / 20 8C
SecureTec protection	–	–
Charging contacts	–	–
Battery Size	10	10
Battery door on/off function	●	●
Nanocoated housing	–	–
Wireless programming	●	●
Instrument configurations		
Flat cover	–	–
Rotary volume control	–	–
Push button	–	–
Rocker switch	–	–
Color conversion kit	–	–
Battery door - integrated telecoil	–	–
Battery door - child lock	–	–
Small earhook	–	–
Programming accessories		
ConnexxAir / ConnexxLink	● / –	● / –
Noahlink Wireless	–	–
Programming adapter / cable	Flex connector	Flex connector
Accessories		
Connexx Smart Key	○	○
CROS inoX 8C	○	–
CROS RIC 8C	–	–
CROS Li RIC 8C	–	–
Connexx Smart Transmitter 2,4	–	–
Connexx Smart Mic	–	–
Apps		
Connexx Smart Remote App	○	○

● available ○ optional – not available

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Abbreviations and Standards

Abbreviations

The following abbreviations are used in this datasheet:

OSPL	Output Sound Pressure Level
HFA	High Frequency Average
FOG	Full-On Gain
MASL	Magneto Acoustical Sensitivity Level
SPLITS	Coupler SPL for an Inductive Telephone Simulator
RSETS	Relative Equivalent Telephone Sensitivity
SPLIV	SPL In a Vertical magnetic field
AI-DI	Articulation Index - Directivity Index
IRIL	Input Related Interference Level
RTF	Reference Test Frequency

Standards

- ▶ All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2014 and IEC 60118-0:2015 if applicable.
- ▶ All measurements with an ear simulator were performed according to IEC 118-0/A1:1994 and to DIN 45605 (frequency range) if applicable.
- ▶ Curves and figures representing FOG are measured with 20 dB reduction and 70 dB SPL input level.
- ▶ Figures representing Equivalent Input Noise incorporate a moderate expansion.
- ▶ Inductive coil sensitivity values, inductive response curves and T ratings apply for instruments with telecoil battery door only.
- ▶ Tinnitus noiser measurement conditions: all tinnitus single frequency sliders in max position, master volume slider in default position (0 dB) and local volume control in default position.
- ▶ The current consumption is measured in reference test setting (RTS) according to the applicable standards. Due to the settling behaviour of hearing instruments supporting RF (radio frequency), the battery current is measured 3 minutes after turning on (note: no pairing).
- ▶ The battery life is based on first fit settings using 60% of the fitting range and an ISTS (International Speech Test Signal) input signal at 65 dB SPL (note: pairing established). The actual battery life is determined by battery quality, hearing loss, sound environment, usage and activated feature set.
- ▶ HD Bandwidth up to 10 kHz for 80 8C devices only.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice.

The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

WARNING

Choking hazard posed by small parts.

- ▶ This instrument is not intended for the fitting of infants, children under 3 years or persons of mental incapacity.