

jazz XC Pro

312 Dir W In-the-ear Hearing System Series



W 312 Dir

| Functionalities | 9 | 7 | 5 | 3 |
|-----------------|---|---|---|---|
|-----------------|---|---|---|---|

Direct Connectivity

| | | | | |
|----------------------|---|---|---|---|
| Bluetooth (HFP/A2DP) | • | • | • | • |
| TV Connector | • | • | • | • |
| Telephone (MFA) | • | • | • | • |

Detection

| | | | | |
|-----------------------|---|---|---|---|
| SurroundSupervisor XC | • | • | • | • |
|-----------------------|---|---|---|---|

Localization and Focus

| | | | | |
|------------------------------|---|---|---|--|
| ConversationOptimizer XC Pro | • | | | |
| SphereSound XC Natural | • | | | |
| SphereSound XC Personalized | • | | | |
| SphereSound XC | • | • | • | |
| SpeechBeam XC Natural | • | | | |
| SpeechBeam XC | | • | | |

Automatic Program

| | | | | |
|---|---|---|---|---|
| Conversations in a crowd | • | | | |
| Conversations in a small group | • | • | | |
| Music | • | • | | |
| Quiet | • | • | • | |
| Noise | • | • | • | |
| Conversations in quiet | • | • | • | • |
| Conversations in noise | • | • | • | • |
| AutoSurround XC | 7 | 6 | 4 | 2 |
| AutoStream XC (SpeechStream, MusicStream) | • | • | • | • |

Optimization and Comfort

| | | | | |
|-----------------------------|---|---|---|---|
| ConversationBoost XC Pro | • | • | • | |
| Intelligent Acclimatization | • | • | • | • |
| SoundRestore XC | • | • | • | • |
| SurroundOptimizer XC | • | • | • | • |
| ConversationLift | • | • | • | • |
| NoiseReduction | • | • | • | • |
| FeedbackManager | • | • | • | • |
| Sound Impulse Manager | • | • | • | • |
| Active Wind Block | • | • | • | • |

Channels and Programs

| | | | | |
|---|-------|-------|-------|-------|
| Channels (G/AGC) | 20 | 16 | 14 | 12 |
| No. of programs (AutoSurround XC/Manual/Wireless) | 7/3/5 | 6/3/5 | 4/3/5 | 2/3/5 |

In all technology levels

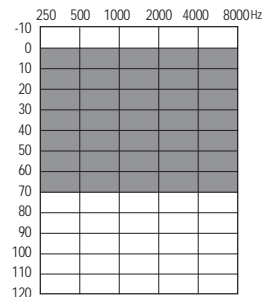
FocussedFit, stream remote App, BiLink, BiPhone, DataLogging, Tinnitus Manager, Telecoil

Style

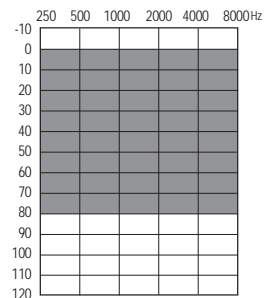
| Style | Receiver | | | | Shell Styles |
|--------------------------|----------|---|----|----|------------------|
| | M | P | SP | UP | |
| Wireless 312 Directional | • | D | • | • | ITC/HS/FS |

D = default (standard) • = optional **Bold** = default shell style

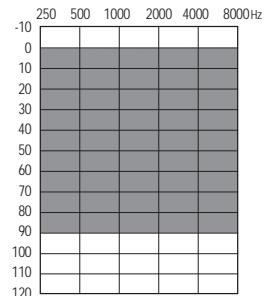
Fitting Guides



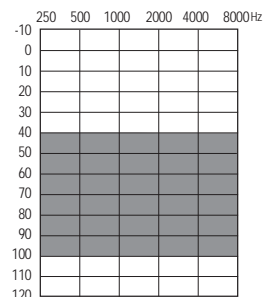
Moderate



Power



Super power



Ultra power

jazz XC Pro ITE 312 Dir W

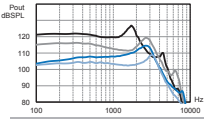
Moderate power

Power

Super power

Ultra power

ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



OSPL90

Maximum (dB SPL)

109

115

119

127

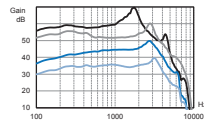
HFA - OSPL90 (dB SPL)

103

111

114

120



Full on gain (input 50 dB SPL)

Maximum (dB)

40

50

60

70

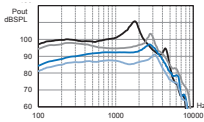
HFA - FOG (dB)

35

46

54

62



Reference test setting (RTS)

Frequency range (Hz)

<100 - 7000

<100 - 6700

<100 - 7000

<100 - 5200

Reference test gain (dB)

26

34

37

43

Current drain at RTS (mA)

2.0

2.0

2.0

2.1

Equivalent input noise at RTS (dB SPL)

19

19

19

19

Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)

1.0/1.5/1.0/1.0

1.0/1.0/1.0/1.0

1.0/1.0/1.0/1.0

1.0/1.0/1.0/1.0

Legend

- Ultra Power
- Super Power
- Power
- Moderate Power

Test conditions

Battery size: 312; Source voltage: 1.3 V; Vent: closed at canal end.

Unless otherwise specified, all data obtained are measured with 5 mm tubing.

The hearing instrument is set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.

We reserve the right to change specification data without notice as improvements are introduced.

WARNING: Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.

