

# JABRA BIZ™ 2300 DELIVERS 20%-50% BETTER NOISE CANCELLATION

## BEST-IN-CATEGORY PERFORMANCE – BOTH IN THE LAB AND IN REAL LIFE

### OUR MISSION

The Jabra BIZ 2300 was designed to solve the problem of noise in high volume contact centers so that customers and agents could experience better call and sound quality. To ensure we had accomplished our mission, we decided to test our noise cancellation performance, both in our own world-class Research Lab at GN as well as in a world-renowned independent acoustics lab.

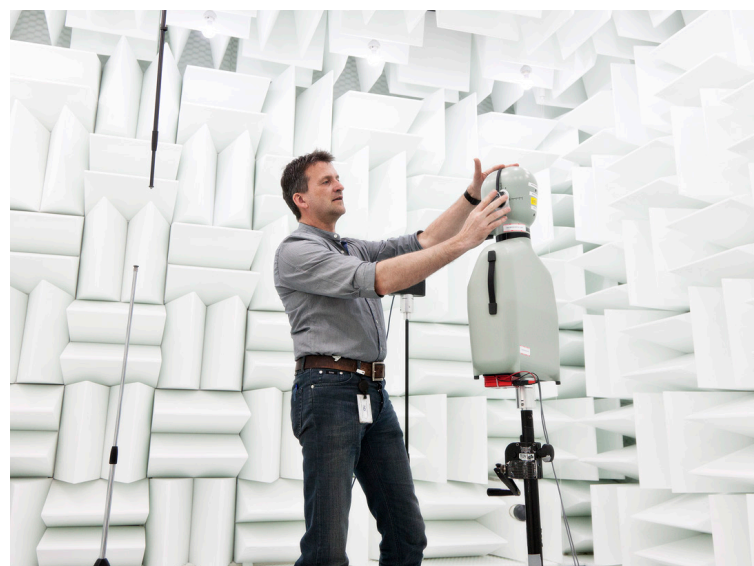
### TESTING IN THE LAB

In the first test, the technical performance of the Jabra BIZ 2300 noise canceling microphone was tested against two of the industry's top performing noise canceling headsets in GN's world-class acoustic Research Lab in Denmark.

Noise cancellation was measured in an anechoic chamber and by creating a diffuse field sound environment with background noise in a reverberation chamber. The noise cancellation is the ratio between noise picked up by the headset and the noise in the room. More noise filtered out by the microphone equates to greater noise cancellation.

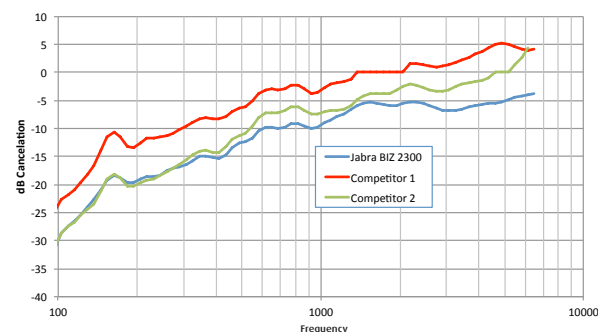
**In comparing all the competitive headsets, the Jabra BIZ 2300 delivered 20%-50% better noise cancellation.**

A key priority in developing the headset was finding a way to reduce high frequency noise – the sort of noise that keystrokes might make when the agent is typing, for example. In this frequency range, the Jabra BIZ 2300 outperformed both competitive headsets by greater than 3dB.



Head and Torso Simulator – “Mr. HATS” in the anechoic chamber

### NOISE CANCELLATION PERFORMANCE



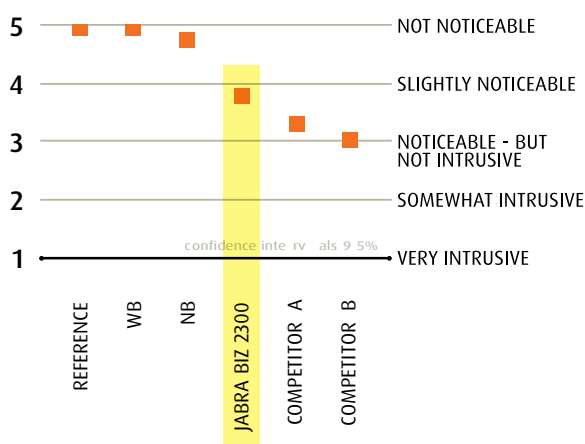
The lower the line on the chart, the better the noise canceling properties

## TESTING WITH REAL LISTENERS

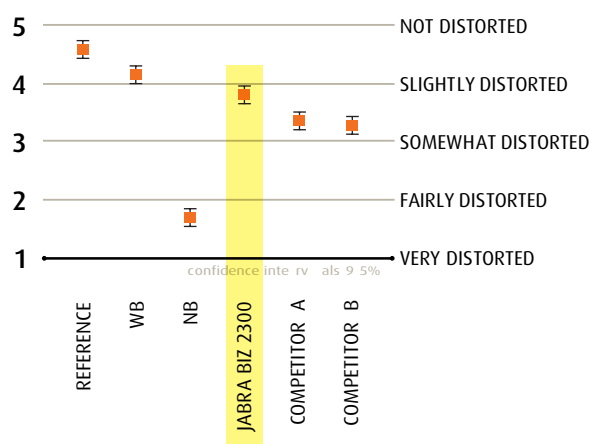
To ensure these lab results were noticeable in a more natural environment, the headsets were also compared on 20 test subjects under identical listening conditions by DELTA SenseLab, one of the world's foremost experts in testing acoustic performance.

The headsets were tested (using test methodology ITU-T P.835) using reference recordings of both male and female voices both with and without background noise, similar to what might be experienced in a high volume call center. Test subjects rated the Jabra BIZ 2300 better at both reducing background noise and obtaining a better speech quality in general.

### BACKGROUND NOISE



### SPEECH QUALITY



Graphical results produced by DELTA SenseLab. NB = Narrowband. WB = Wideband. See full report for details.

## MICROPHONE DESIGN

The Jabra BIZ 2300's noise cancellation performance is possible because of a number of specific features:

- The longer boom arm places the microphone closer to user's mouth ensuring a better signal to noise ratio.
- The microphone polar plot is optimized to eliminate background noise, so the user always gets the same performance regardless of whether they are in a low or high background noise environment.



Visit [jabra.com/medialibrary](http://jabra.com/medialibrary) to download report and learn more about this exciting contact center headset and feel free to contact your local Jabra sales team for the latest offers to get the Jabra BIZ 2300 into the hands – and onto the ears – of your employees.

Jabra is the brand of GN Netcom, a subsidiary of GN Store Nord A/S (GN) - listed on NASDAQ OMX. Jabra employs approximately 925 people worldwide and in 2013 produced an annual revenue which amounted to DKK 2,612 million. Jabra is a world leader in the development, manufacturing, and marketing of a broad range of communications and audio solutions. With a reputation for innovation, reliability, and ease of use that goes back more than two decades, Jabra's consumer and business divisions produce corded and wireless headsets, plus mobile and in-office speakerphones that empower individuals and businesses through increased freedom of movement, comfort, and functionality.

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