

## Introduction

Thank you for choosing XTZ EarPhones.

This earphone is prepared for DSP correction with Dirac HD Sound® software.

Dirac HD Sound® is a powerful digital signal processing software developed by Swedish audio research firm Dirac Research AB

Dirac software is also used by companies such as BMW, Bentley, Rolls Royce, Naim Audio, Theta Digital, DDE (formerly DTS Digital Cinema), and Ken Kreisel Professional Sound.

The benefits of Dirac HD Sound®:

- Clearer music
- More intelligible voices
- Tighter and deeper bass reproduction
- Improved timbre
- Reduced listening fatigue

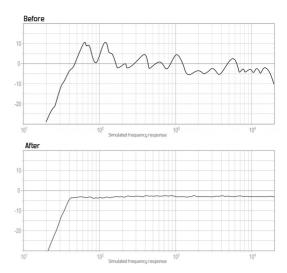
## ABOUT DIRAC RESEARCH

Dirac was founded in 2001 and is a premier R&D company specializing in highperformance digital sound optimization, room correction, and sound field synthesis. The company was founded by researchers from the Signals & Systems Group of Uppsala University, Sweden, which has fostered 8 Nobel Prize laureates.

With Dirac's patented toolbox for efficient and accurate audio system optimization, customers such as BMW, Bentley and Datasat Digital Entertainment™ have achieved dramatically improved sound quality.

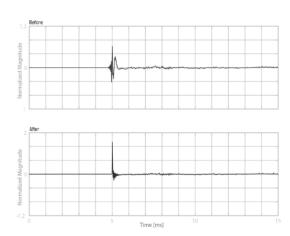
For more information about Dirac please visit www.dirac.se, -or send an e-mail to info@dirac.se

## FREQUENCY RESPONSE CORRECTION



Typical frequency response improvement with Dirac HD Sound®

## IMPULSE RESPONSE CORRECTION



Typical impulse response improvement with Dirac HD Sound®

www.dirac.se www.xtz.se