



THE REAL VIRTUAL REALITY



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THE FIRST PORTABLE CONTROL ROOM

HEADZONE



HEADZONE PROFESSIONAL 5.1 MONITORING THROUGH A MOBILE HEADPHONE SYSTEM

beyerdynamic introduces Headzone, the first mobile headphone system that allows professional monitoring with virtual 5.1 reproduction. Thanks to "Binaural Environment Modelling" technology and patented ultrasonic-headtracking, Headzone creates a sound sensation that's as real as reality itself – available in a compact, transportable headphone monitoring system. Headzone – the innovation from the inventor of headphones.

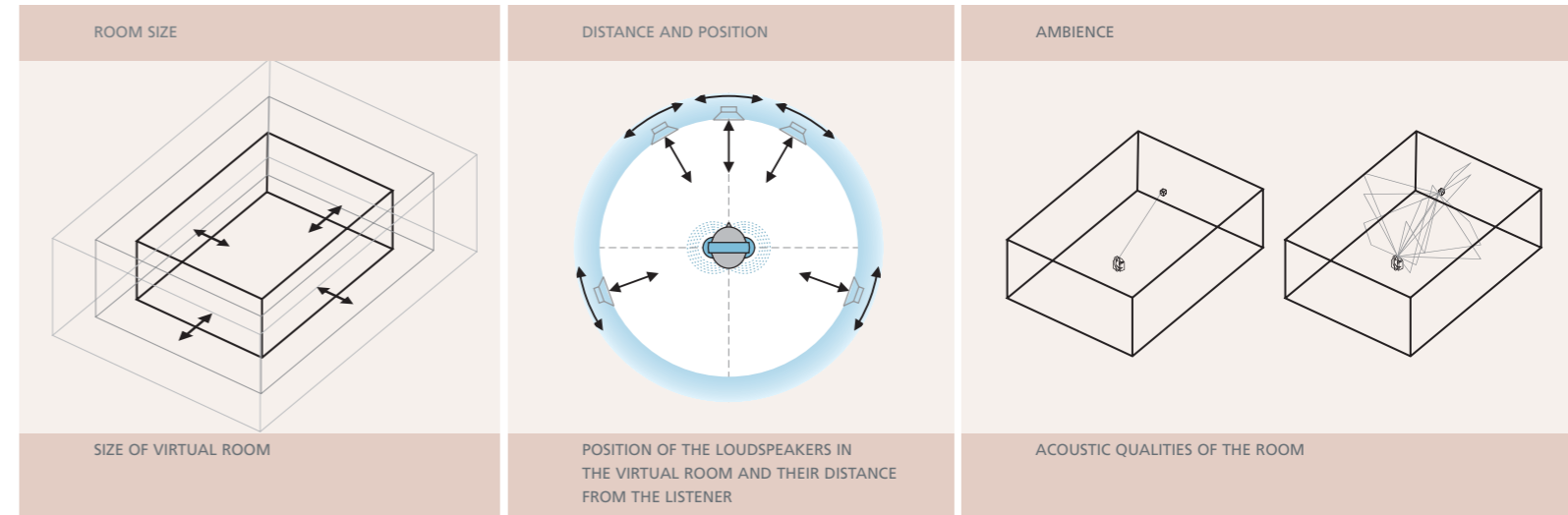


CREATE YOUR OWN ACOUSTIC REALITY

HEADZONE

ROOM MODELLING SIMULATING YOUR OWN PERSONAL REFERENCE CONTROL ROOM

With Headzone's advanced environment simulation software it's easy to model the sound of a loudspeaker system (up to 5.1) and to recall it at any time. The parameters that affect sound in a real room can all be adjusted virtually: the position of the loudspeakers in the room, their distance from the listener, the size and also the acoustic qualities of the room. So it's you who decides the audio environment in which to work at any time.



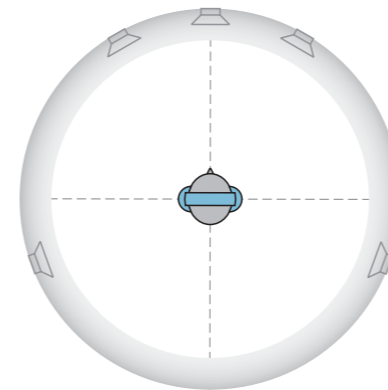


STATIONARY MOVEMENT

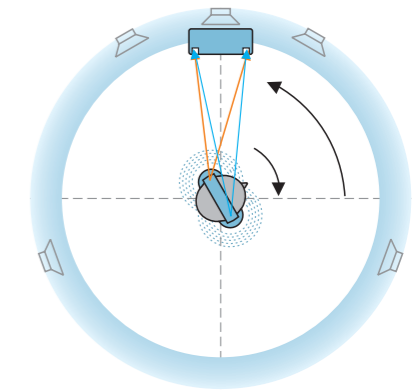
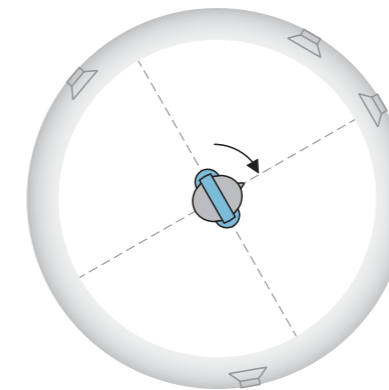
HEADZONE

HEADTRACKING FOR PERFECT LOCALISATION AND CONSTANT SPATIAL AWARENESS

Headzone makes sound an experience. Through the use of the ultrasonic-headtracker system, Headzone permanently detects the position of your head and adapts the source audio playback position accordingly. Unlike traditional headphones, turning your head does not affect the localisation of Headzone's sound. As in a real environment, when using Headzone the virtual speaker or sound source is located in front of, next to or behind you depending on how you turn your head, therefore simulating the "sweet spot" in your control room. The result is so effective that you completely forget that you are wearing headphones.



SURROUND SIMULATION WITHOUT HEADTRACKING
THE LOUDSPEAKERS ARE FOLLOWING THE HEAD MOVEMENT OF THE LISTENER.

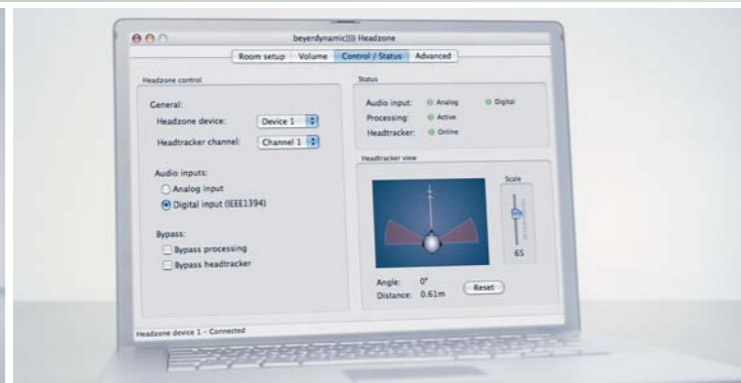


SURROUND SIMULATION WITH HEADTRACKING
THE HEADZONE HEADTRACKER PERMANENTLY DETECTS THE POSITION OF THE LISTENER'S HEAD AND ADAPTS THE SOURCE AUDIO PLAYBACK POSITION ACCORDINGLY. THE LOUDSPEAKERS REMAIN AT THEIR FIXED POSITION IN THE VIRTUAL ROOM.



TRUE VIRTUAL REALITY, NO MATTER WHERE YOU ARE

HEADZONE



HEADZONE FOR SURROUND STUDIO MONITORING

Regardless of whether it is used as a secondary listening device in professional surround studios, as a solution for 5.1 surround monitoring or whilst out and about: With Headzone, you can take your reference control room with you.

HEADZONE FOR BROADCAST MONITORING

Even in the most compact of broadcast vehicles, Headzone is the ideal solution for surround monitoring. The system requires minimal space and can be installed quickly. But that's not all: Headzone is so discreet that the surround material can even be listened to whilst on location during live recording.

HEADZONE FOR SOFTWARE GAME SOUND DESIGNERS

Do you engineer real sounds to create your own? With 5.1 surround becoming an integral part of software gaming, Headzone is a perfect tool for programmers and sound designers alike, even when you are on the move.

HEADZONE FOR HOME CINEMA USE

Headzone also brings a new and exciting dimension to home cinema. With Headzone Home you can bring incredible sound into your home. Experience films, concerts or video games as though you were right in the middle of the action – with realistic volume, without annoying the neighbours. beyerdynamic will soon introduce a new generation of Headzone especially for your living room.



THE INNOVATION FROM THE INVENTOR OF HEADPHONES

HEADZONE



HEADZONE PRO COMPONENTS

HEADZONE BASE PRO

- base station – 1U half-rack/desktop unit
- 6 analogue audio inputs
- digital 5.1 audio-input via firewire connection (IEEE1394)
- in “bypass mode” the unit can be used as a reference stereo headphone amplifier

DT 880 PRO HT

- DT 880 PRO headphone (250 ohms) with integrated ultrasonic exciters
- standard 6.3 mm jack plug
- uncoloured, wide audio reproduction
- can be used as a standard stereo headphone

HEADZONE RAIL AND CLIP

- headtracker ultrasonic receivers with flexible clip to mount Headzone Rail to computer displays or for use as a stand or wall mount adapter

HEADZONE SOFTWARE

- Headzone control software
- all parameters are adjustable
- save individual setups
- compatible to Windows 2000, Windows XP and Mac OS X

AUDIO DRIVER

- provided with ASIO driver
- provided with WDM driver
- Apple Core Audio compliant