

CONCEPT

CE-H



CONCEPT
The Ultimate in Sound Reproduction

1601 W. Glenlake Avenue
Itasca, Illinois 60143

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Thank you for selecting the Concept CE-H Constant Energy Stereo Headphone. We at Concept share your interest in the achievement of the ultimate in sound reproduction and feel that you will best appreciate our latest step toward this goal if you first understand the design philosophy and engineering features incorporated in the CE-H Headphone.

The Orthodynamic design approach makes use of the latest technology to provide the flattest response with the least distortion. To begin, the radiating diaphragm is a round sheet of thin, corrugated plastic with extremely low mass for impeccable transient response and undistorted highs. A series of spiral-wound aluminum voice coils cover the entire surface of the diaphragm. This diaphragm/voice coil unit is

sandwiched between two powerful disc magnets which are perforated to allow transmission of sound from the vibrating diaphragm.

The effect of these design features is easily distinguishable when listening to the CE-H Headphone. The whole surface of the low-mass, high compliance diaphragm vibrates in-phase across the entire audio spectrum, resulting in flawless bass and stunning highs—with distortion suppressed to absolutely inaudible levels.

Additionally, the spiral wound voice coil arrangement assures a purely resistive (non-inductive) load—the perfect kind of load for any quality amplifier. This constant load provides an additional measure of freedom from high frequency loss and distortion.



Constant Energy Orthodynamic diaphragm.

Specifications

Frequency Response:
20-20,000 Hz \pm 3 dB
Minimum Power Input:
10mw
Maximum Power Input:
3w
Sensitivity Output SPL:
96 dB/mw
THD at 96 dB:
less than 0.25%
Driver Type:
Constant Energy Orthodynamic
Cord Length:
4 meters
Weight:
without cord, 10.5 oz. (300g)
with cord, 12.9 oz. (370g)

Limited Warranty

Your Concept headphones are covered by a limited warranty against defects in materials and workmanship for a period of three years from the date of purchase. Concept warranty repair will be performed only when your purchase receipt is shown as proof of ownership. Defective parts will be repaired or replaced without charge if these Concept headphones are returned to your dealer's store, as shown on your purchase receipt, or to any branch of that store where, in all cases, authorized service will be available. Check the yellow pages or white pages of your telephone directory for the location nearest you. If additional assistance is required, please write to Concept at the address provided below describing the malfunction. Concept will send directions in writing.

Charges for unauthorized service and transportation costs are not reimbursable under this warranty. Any damage or defect resulting from unauthorized parts or services is not covered by this warranty. Any services performed by other than a dealer authorized to perform such services are not reimbursable under this warranty.

This warranty becomes void if the product has been damaged by alteration, misuse, accident or neglect. *THE WARRANTOR ASSUMES NO LIABILITY FOR PROPERTY DAMAGE OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGE WHATSOEVER WHICH MAY RESULT FROM THE FAILURE OF THIS PRODUCT.* Any and all warranties of *MERCHANTABILITY* and of *FITNESS* implied by law are limited to the duration of this expressed limited warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Service Manager
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