

SANSUI SH15



SANSUI SH-15 STEREO DYNAMIC HEADPHONES There are two types of people when it comes to enjoying stereo sound through headphones. Some prefer total isolation of the ears from any sounds except those coming from the speakers within the phones. The shape of the earpieces, thickness of the padding materials, overall weight and other physical aspects of such phones are all designed to increase that isolation. Naturally, speakers used in them offer optimum results in such sealed acoustic chambers.

Other people prefer headphones which allow some of the natural sounds of their listening room to reach their ears while listening to stereo. The type of headphones which allow this are very light in weight and free the listener from the physically and psychologically oppressive feeling which can sometimes result from long hours of listening via the heavy, isolated type of set.

Sansui makes both kinds for both types of people. Each has its specific advantages. But both do give the listener the opportunity to listen to whatever stereo program source he likes at whatever volume level he prefers, and in more or less complete privacy. The SH-15 is of the latter, non-isolating or "hear-through" type of headphone. The total weight is only 260 grams (less than 10 ounces) but the SH-15 contains full-range

dome speakers which deliver full rich sounds over the complete audio frequency spectrum with accuracy and a superior tonal quality.

Each dome speaker in the SH-15 is expressly designed by Sansui for use in these back-vented, non-isolating type of headphones. Each features an extra-thin polyester film diaphragm and a copper-clad aluminum wire bobbin-less voice coil, along with a copper-plated magnetic circuit. The overall design is a super-efficient way to minimize the mass while allowing true high fidelity responses to emerge undistorted.

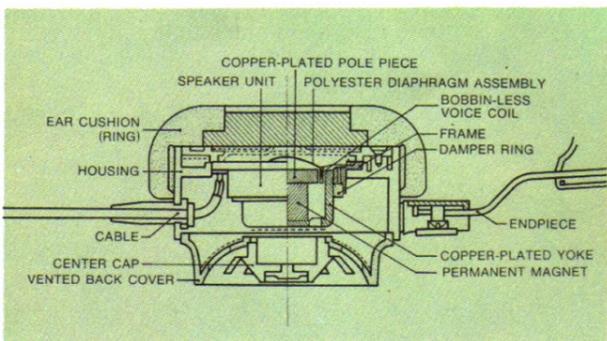
Each speaker features very flat bass response and extended treble response thanks to its low-mass, high velocity design. The wide, flat frequency responses assure very convincing, solid bass notes as well as crisp and transparent treble tones.

The SH-15 features a freely adjustable headband, actually made up of two bands which open symmetrically as they are adjusted. The earpads are both readily detachable and extra light, yet the soft but tough urethane materials from which they are made assure extra-long life and soil-free appearance.

Sansui

**LIGHTWEIGHT FULL-RANGE
DOME SPEAKERS
FOR SUPERB TONAL QUALITY**

BOBBIN-LESS C.C.A.W. VOICE COIL To reduce the mass of the moving diaphragm assemblies in the SH-15, Sansui employs a unique bobbin-less voice coil usually found only in quality microphones. The coil itself is made of lightweight highly-conductive copper-clad aluminum wire (C.C.A.W.). The coil's low mass and increased magnetic flux density by elimination of the bobbin helps increase the damping and linearity of the vibration system so that the resolution of reproduced sound is always clear and realistic.



EXTRA-THIN 25 μ POLYESTER FILM DIAPHRAGM This ultra-thin high molecular speaker diaphragm provides for very low high frequency losses. Working in coordination with the lightweight voice coil, it extends the treble responses up to the limit of audibility for crisp and transparent high tones.

COPPER-PLATED MAGNETIC CIRCUIT FOR OUTSTANDING TREBLE RESPONSE It is known that voice coil impedance rises in the high frequency range where the inherent inductive component dominates. To eliminate an adverse effect of such component, Sansui uses a copper-plated yoke and pole piece in the speakers of the SH-15. This advanced design keeps the impedance of the speaker constant and provides for distortion-free, extended treble response.

EASY-TO-USE FUNCTIONAL DESIGN

SOFT BUT TOUGH ACOUSTICAL FOAM URETHANE EARPADS ADD TO COMFORT These very soft earpads help eliminate the unpleasant feeling of oppression which heavier, more isolated headphones often create. Actual subjective tests have been conducted for long hours at a time and show that the lightweight construction and hear-through design of the SH-15 is appreciated by every stereo listener. A further feature of the SH-15 is that the earpad for the RIGHT channel

has a ORANGE filling while the LEFT channel has a YELLOW filling for quick and easy channel identification.

WASHABLE EARPADS ARE DETACHABLE Both earpads used in the SH-15 are readily detachable with no risk of damage to the set. The acoustically-transparent foam urethane pads will remain clean and sanitary with occasional washings with water.



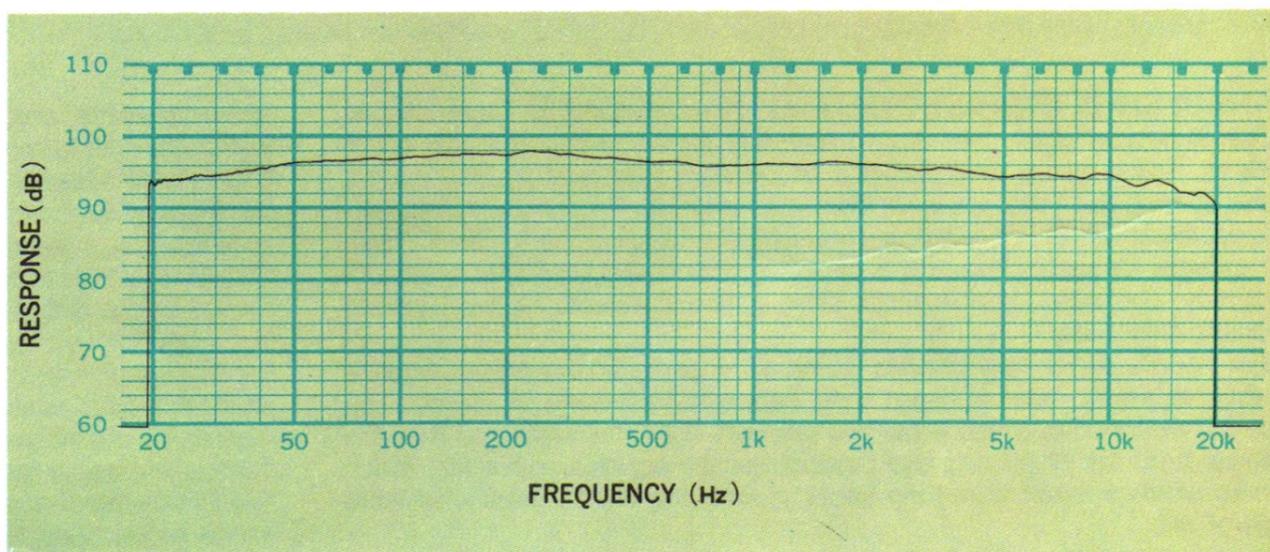
FREELY ADJUSTABLE HEADBAND The headband is actually two bands which open symmetrically as they are adjusted for the maximum wearing comfort. Its endpieces slide in or out with three click stops for added convenience.



SPECIFICATIONS

- SPEAKER** 2cm (3/4") full range dome type
- MATCHING AMPLIFIERS IMPEDANCE** 4-32 Ω
- IMPEDANCE** 25 Ω nominal
- FREQUENCY RESPONSE RANGE** 20-20,000Hz
- MAXIMUM INPUT POWER** 65mW
- SENSITIVITY** 97dB (at 1,000Hz)
- CORD LENGTH** 3m (9.8ft.)
- WEIGHT OF HEADPHONES ONLY** 260g (9.2oz.)

Design and specifications subject to change without notice for improvements.



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