

ABSTRACT

A flat loudspeaker of superior quality for use in audio appliances, in which loudspeaker the generation of abnormal sounds is eliminated by placing a voice coil with a high accuracy in the magnetic gap. A diaphragm is split into a main diaphragm (11) and a sub-diaphragm (12); a voice coil (8) is connected to the inner circumference of the main diaphragm (11) whose inner diameter is substantially identical with the diameter of the magnetic gap (5). In the loudspeaker, the voice coil (8) is placed in a right positioning without inclination and eccentricity relative to the magnetic gap (5), abnormal sounds are eliminated, and a thinner configuration and a lower rejection rate are made compatible.