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54 **Acoustic apparatus and driving apparatus constituting the same.**

57 An acoustic apparatus comprises a cabinet, and a loudspeaker unit and a driving apparatus disposed in the cabinet. The acoustic apparatus is driven by an external power amplifier which normally constant-voltage-drives a conventional loudspeaker. The driving apparatus has a power amplifier circuit and a transfer function control circuit, and drives the loudspeaker unit in cooperation with the external power amplifier. The driving apparatus generates an electric energy corresponding to an increase in energy from that which is required in a normal constant-voltage-driving, the increase being produced by an operation of the transfer function control circuit, and the generated energy is inputted to the loudspeaker unit. By means of the above, when the acoustic apparatus is driven by the external power amplifier, an internal resistance of the loudspeaker unit is substantially cancelled or reduced, and an improvement of the electro-acoustic transducing characteristics of the loudspeaker unit or a loudspeaker system is achieved.

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