



162162

Abstract



G00002

Fully Digitized Audio System

5

10

15

20

The invention relates to a fully digitized audio system comprising a power supply and a decode and sound field effect process unit, characterized in that digital audio signal outputted from the decode and sound field effect process unit is transmitted to a control and encode unit where audio and control signals are encoded, and coupled to a digital sound box through a digital transmission terminal in the control and encode unit. The invention adopts totally digitized audio signal processing according to the concept of mechatronics, solving the problem of distortions rising throughout the procedure from input, process, distribution, transmission and amplification to sounding, to ensure a controllable hi-fi output of audio signal. The audio system according to the present invention provides high fidelity, good controllability, and easiness of assembling, and is suitable for mass production of advance audio systems. It represents a developing trend of conventional audio system.