

**Abstract**

A multimedia acoustics system having the audio frequency digital interface, which includes at least a USB or IEEE1394 interface, a USB or IEEE1394 outlay sound card, a set of D type or T type audio frequency power amplifier and controlling circuit or MPU chip which match it, a PCB board and at least more than a pair of sound box. In every sound box configuring a full band loudspeaker and/ or bandpass heavy undertone loudspeaker whose caliber is no more than 7 inches, the loudspeaker is configured a single diaphragm more magnet gaps and more loops which have resistance load characteristic or approximately resistance load characteristic, thereby form audio frequency digital multimedia acoustics system which has super high sensitivity and high fidelity quality and has 2.0 or 2.1 channel which is supplied by pc USB or IEEE1394 interface and 4.1~7.1 channel which is supplied by single power supply.