

Re: Audio jack identification

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When I plug headphones, the main speakers don't mute anymore and in the headphones I can hear what sounds very much like the difference between the two channels in mono (probably the jack now connects one channel to both outs and the other to the ground). When the phones are unplugged, the sound coming out of the main speakers is okay.

The little blades inside must be broken.

No matter what, you are going to have to disassembly the machine to reach the bottom of the motherboard...or cut a hole through the case just under the jack. If you do the later...expect another layer of PCB and/or a metal shield (or maybe nothing). You may well find that the jack is NOT physically broken...that the solder joints have come loose ("cold solder joint") and that a touch with a soldering iron will fix the problem. Be aware that the motherboard may to a multi-layer device (anywhere from 2 to 7 layers)...so surgical soldering technique is mandatory. Good luck...you are going to need it.

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