Subject: Acoustat 1+1 bias voltage idea
Posted by morricab on Wed, 28 Sep 2005 13:34:58 GMT
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Hi,I am a scientist that is used to working with commercial high voltage power supplies (up to 30KV). I have found several manufacurers who sell power supplies in that are variable between 0-5KV to 0-10KV. What is interesting about them is the stability specifications like very low ripple and tight voltage regulation. Since the amount of actual current placed on the panels is minimal (I calculated about 10 microamps with the 500Mohm resistor at 5KV) then the lowest cost supplies are an option. I would think that this should outperform any of the mods to the conventional power supply but they are kind of expensive if I remember correctly (a pair might run $1000). Interested in your feedback.