Subject: Re: Link to RTA
Posted by Bill Fitzmaurice on Tue, 20 Jul 2004 12:15:44 GMT
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The reason pro-sound need be flat to only 60 Hz or so is because that's where the requirements for live instruments lie. Live music creates sound; recorded music reproduces it, and the two genres are not the same. Your home speakers need to be flat to 35 Hz or less because the media you're listening to was mixed on speakers with that range and thus require speakers with the same characteristic for proper 'decoding'. In live sound the bulk of bass power is in the 60 to 100Hz band and therefore that is where the speakers used require the greatest output capability. Pro sound doesn't go flat to 30Hz simply because it doesn't need to. If it did then the capability would be there. Money is not a concern; not carting around excess gear that serves no purpose is.