
Subject: Re: But will it play Metal?

Posted by [Bob Brines](#) on Wed, 17 Aug 2005 11:42:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

It all depends on what the BR/MLTL resonant frequency is. My 6" Fostex BR's have $F_c=60$. They are fully unloaded by 40 Hz and show significant excursion on most program material. Therefore, I cross them at 80Hz to a sub and the problem goes away. They can play very loud with little IM distortion. My 6" Fostex MLTL's have $F_c=40$. They don't unload significantly until below 30 Hz. There just isn't much program material down there, so excursion isn't a problem. Of course, they DO run out of excursion first at 80-100 Hz, and this is what limits the ultimate undistorted SLP. Bob
