
Subject: LX-60 and G40

Posted by [Adrian Mack](#) on Fri, 27 Feb 2004 12:59:41 GMT

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As I said before, the LX-60 is the best choice for low frequency subwoofer duty. LX-60 has: *9mm linear excursion vs 7mm of the G40, hence greater SPL capability *LX-60 works in SBB4 alignment because of lower Fs and lower Qts, it's better damped with no sharp knees in the group delay (better transient response) G40 has: *0.5db less power compression at 700W *Dual Spiders and what Beyma calls an improved motor structure Both drivers will work though, but I'd prefer the LX-60. In a pro sound application the more rugged G40 with dual spiders will withstand high volume levels for longer, but for a home application the LX-60 has more benefits. I'd expect it's probably a little cheaper too, if the G40 is a new model. Overhang and top plate thickness of both models are actually the same though according to Beyma, so the quoted 9mm xmax of the LX-60 to the G40's quoted 7mm xmax should possibly not be used as a comparison; they should have the same linear excursion. The better transient response capability is what really makes me choose the LX-60. To me, having tight transient response is very important.
