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Subject: Horn Loaded woofers

Posted by [Marlboro](#) on Sat, 17 Oct 2009 15:00:36 GMT

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Bill Fitzmaurice and maybe Wayne Parham have plans for building horn loaded woofers.

Bill has made it clear in his own comments on the PE forum, and perhaps on his own business forum somewhere, that certain woofers are better designed for use with a horn loading than others.

You can look at one of the Q measurements and determine whether the woofer is better for acoustic suspension, bass reflex, or open design.

What parameters do you have on a woofer that determine whether its suitable for a horn loaded design? I have a 15mm xmax poly prop woofer which would probably do better horn loaded so that it could keep up with my giant line arrays, but i don't know if its suitable.

Marlboro

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