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Subject: "Scoops" aren't generally 20Hz horns, no  
Posted by [Wayne Parham](#) on Wed, 16 Jan 2002 03:55:57 GMT  
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Scoops are usually designed to work best above about 50Hz. They don't put out much bass in the 20Hz to 40Hz octave. That's fine for some applications where there isn't much below 50Hz to 60Hz or so. If you need bass below 50Hz, you really shouldn't try to use a small horn. Either use a larger basshorn or if size is a constraint, use direct radiating subs instead. A woofer that I am particularly fond of is the JBL 2245. It sounds very nice when installed in a 10 cubic foot cabinet tuned to 30Hz.

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