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Subject: Re: Building a pair of 2 Pi in solid pine?  
Posted by [vladimir4](#) on Mon, 15 Jul 2002 05:34:05 GMT  
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also dimensions to tower-like look: internal dimensions respects the ratio 1:1.402:1.202 (which is known as very good sounding). I multiplied 1.202 by factor of 3 (allowed) so my box is internally 204 x 292 x 734 mm (43.5 liter, minus Alpha-10 1L and braces 2L). The tweeter is golden-placed (asymmetrically, 0.618 from the top, 1.000 from one side and 1.618 from another side - this improves imaging). Alpha-10 is also placed at the 1/3 of internal height. My port is 50 mm internally and lengths from 40 mm to 100 mm work fine. Varying the length of the port has more impact on the midrange clarity than on the bass extension (!) The first one is ready and playing (not glued, no braces and no stuffing material at the moment). Sound ? Very promising, but I prefer to spend some time to critical listening before reviewing it. Photos will be available soon. Vladimir.

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