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Subject: What can I make with this sub box?

Posted by [Garland](#) on Mon, 24 Nov 2003 17:55:17 GMT

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I've inherited a 3 cu ft MDF sealed box with a 15" hole. Any decent 15"ers that will mate with my Theater 4's for sub duty, not that the 4's need that much help but the Paramours may prefer the assistance of my Adcom 200 watter down below. Thanks! Garland

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Subject: Re: What can I make with this sub box?

Posted by [Wayne Parham](#) on Mon, 24 Nov 2003 18:43:58 GMT

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The Kilomax 15 does very well in a 3ft3 box, though deeper extension results when a larger cabinet is used. You might consider cutting a panel to close the 15" hole and use a smaller driver instead, one that makes the volume larger in proportion to driver compliance. For 3ft3, you'll probably find more 12" drivers that are tuned to be used as subs.

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Subject: A couple of 12" suggestions...

Posted by [mollecon](#) on Mon, 24 Nov 2003 23:15:15 GMT

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If you go for Wayne's quite sensible suggestion of using a 12", there's many possibilities - I have two here; Peerless SWR 315 (can be found at Parts Express) will work fine in 3 cu.ft. closed box - Q will be 0.85, resonance ~42Hz & -3dB at ~38Hz. With up to 6dB equalising you will get to ~25Hz, very nice. The Peerless unit has a peak to peak linear excursion of 18mm (~3/4"), sensitivity ~89dB. And, the Peerless driver is affordable! Another option would be the Eminence LAB 12 - good parameters for reflex box of 3 cu.ft. Tuned to 24Hz it should get you to 25Hz

as large as the above Peerless, but the reflex loading will more than make up for that. The LAB 12 isn't quite as sensitive & also more expensive, though. Just a couple of ideas - there's MANY 12" drivers out there that will do a nice job in that box size.