
Subject: Building a Home Theater & Listening Room
Posted by [hydrovac](#) on Thu, 25 Dec 2014 03:16:16 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi all,

My wife finally parted with a portion of her terrace garden and let me build a home theater.

First off all I find myself very fortunate to build a room that can be dedicated to music listening and watching movies. The room will be 3.96 meters wide, 7.38 meters long and a height of 2.7 meters. So with a little more than 29 m2 it's not a big room at all.

We live in a duplex penthouse (5th & 6th floors with terrace rights). So, traditional construction methods are a bit difficult. I plan to take the prefab route.

Proposed HT Room area.

Columns set and trusses on.

File Attachments

- 1) [IMG_4969.jpg](#), downloaded 5488 times
 - 2) [IMG_4974.jpg](#), downloaded 5457 times
 - 3) [IMG_4984.jpg](#), downloaded 5503 times
 - 4) [IMG_4986.jpg](#), downloaded 5496 times
 - 5) [IMG_4987.jpg](#), downloaded 5472 times
 - 6) [IMG_4989.jpg](#), downloaded 5480 times
 - 7) [IMG_4992.jpg](#), downloaded 5498 times
-
-

Subject: Re: Building a Home Theater & Listening Room
Posted by [Wayne Parham](#) on Fri, 26 Dec 2014 15:59:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Man, that looks like it's going to be great! Keep us posted!

Subject: Re: Building a Home Theater & Listening Room
Posted by [hydrovac](#) on Sat, 27 Dec 2014 17:31:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Wayne,

The progress in construction of prefab wall panels:

Rear wall panels:

File Attachments

- 1) [IMG_4993.jpg](#), downloaded 5331 times
 - 2) [IMG_4994.jpg](#), downloaded 5302 times
 - 3) [IMG_4996.jpg](#), downloaded 5281 times
 - 4) [IMG_5004.jpg](#), downloaded 5313 times
-

Subject: Re: Building a Home Theater & Listening Room
Posted by [hydrovac](#) on Sun, 11 Jan 2015 10:53:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

These pics are of the composite decking sheet being fixed.... in fact yesterday...the plasterers were skimming the walls and pouring the concrete slab....

I will add more photos as the work progress.

Started laying electrical, speaker and signal cables. The cabling work is being carried out by a local guy and someone from my work giving him a hand.

To reduce hum and noise I want to install a dedicated line with only a single ground from the audio / home theater system to the electrical service panel. Don't want to attach anything other than the A/V system to this special dedicated line.

Expecting the result to be noise and hum free power with a 'deep black background'.

By this stage of the project, I have already identified the following:

- Placement of all speakers
- Placement of A/V components
- Placement of video source
- Lighting needs
- Possible future enhancements
- Thermal Insulation & Acoustic Treatment

BTW I have provided a frame also... for supporting the screen.

I will try and post pics if there's interest... as soon as i work out how to do it...!!

I have all the kit I need already for this...mix of new and from old lounge... not top end by any means...but works for me...

HT room exterior view from terrace:

File Attachments

- 1) [IMG_5301.jpg](#), downloaded 5349 times
- 2) [IMG_5303.jpg](#), downloaded 5381 times
- 3) [IMG_5305.jpg](#), downloaded 5369 times
- 4) [IMG_5645.jpg](#), downloaded 5362 times
- 5) [IMG_5646.jpg](#), downloaded 5332 times

- 6) [IMG_5648.jpg](#), downloaded 5316 times
 - 7) [IMG_5652.jpg](#), downloaded 5334 times
-

Subject: Re: Building a Home Theater & Listening Room
Posted by [Wayne Parham](#) on Mon, 12 Jan 2015 00:34:48 GMT
[View Forum Message](#) <> [Reply to Message](#)

Lookin' great!

Subject: Re: Building a Home Theater & Listening Room
Posted by [hydrovac](#) on Wed, 28 Jan 2015 04:00:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Wayne,

Framing work in progress for rock wool slabs...

Checking out my old screen...

16:9 screen pulled down...

File Attachments

- 1) [IMG_5675.jpg](#), downloaded 5091 times
- 2) [IMG_5677.jpg](#), downloaded 5083 times
- 3) [IMG_5678.jpg](#), downloaded 5090 times
- 4) [IMG_5679.jpg](#), downloaded 5137 times
- 5) [IMG_5680.jpg](#), downloaded 5100 times

6) [IMG_5687.jpg](#), downloaded 5124 times

Subject: Re: Building a Home Theater & Listening Room
Posted by [Wayne Parham](#) on Fri, 30 Jan 2015 03:41:03 GMT
[View Forum Message](#) <> [Reply to Message](#)

Makin' progress!

Subject: Re: Building a Home Theater & Listening Room
Posted by [hydrovac](#) on Thu, 05 Feb 2015 17:42:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Framing work completed and AV cabinet in place.... cabling almost done except one sub signal cable.

Got 20 Rock wool bags delivered yesterday.

There was a leak from one point of the slab joint side.... getting the pressure grouting done today.

Entry door to the theater on the left:

Bags containing Rock wool slabs:

AV cabinet built into the window:

Ceiling panels getting ready:

Insulation panels being fixed:

File Attachments

- 1) [IMG_5653.jpg](#), downloaded 4991 times
 - 2) [IMG_5654.jpg](#), downloaded 4985 times
 - 3) [IMG_5655.jpg](#), downloaded 4968 times
 - 4) [IMG_5656.jpg](#), downloaded 4989 times
 - 5) [IMG_5657.jpg](#), downloaded 4969 times
 - 6) [IMG_5734.jpg](#), downloaded 4986 times
 - 7) [IMG_5735.jpg](#), downloaded 4944 times
 - 8) [IMG_5746.jpg](#), downloaded 5012 times
 - 9) [IMG_5749.jpg](#), downloaded 4987 times
 - 10) [IMG_5750.jpg](#), downloaded 4985 times
 - 11) [IMG_5753.jpg](#), downloaded 4998 times
-

Subject: Re: Building a Home Theater & Listening Room

Posted by [hydrovac](#) on Thu, 19 Feb 2015 10:45:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

Paneling of rock wool frames almost done:

Steel trusses being enclosed in wooden beams:

File Attachments

- 1) [IMG_5769.jpg](#), downloaded 4791 times
 - 2) [IMG_5775.jpg](#), downloaded 4796 times
 - 3) [IMG_5777.jpg](#), downloaded 4775 times
 - 4) [IMG_5783.jpg](#), downloaded 4786 times
 - 5) [IMG_5790.jpg](#), downloaded 4802 times
 - 6) [IMG_5793.jpg](#), downloaded 4784 times
 - 7) [IMG_5803.jpg](#), downloaded 4783 times
-