

**VIKING**

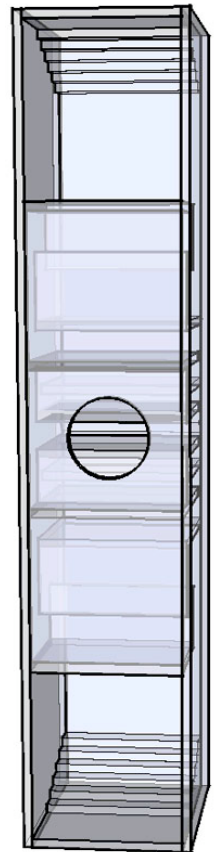
Sachiko -- Spawn of Frugel-Horn  
FE206e Nagaoko-style / Double  
Mouth Horn 1v0  
Sheet 0 -- panel placement & layout  
designed by Scott Lindgren  
drawn by dld  
23-march-2007

Notes:

0/ drawn using 3/4" (19mm) material

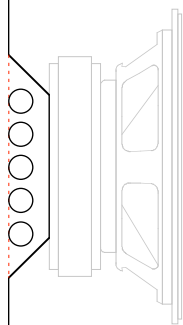
1/ Hiro is the same but 9" (229mm) internal width

2/ you may replace the stacked corner deflectors with a single angled piece



Panel A configured as a brace

Actual detail of the tongue should be configured with the driver in hand (i'm just using Fostex specs) and will be dependent on whether the driver is rebated or not and whether a supraBaffle of some sort is used.



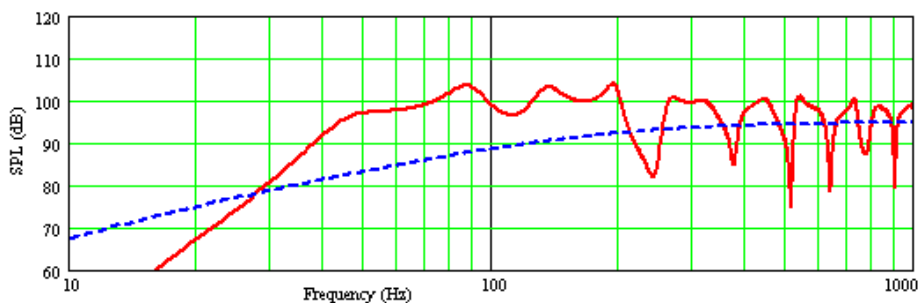
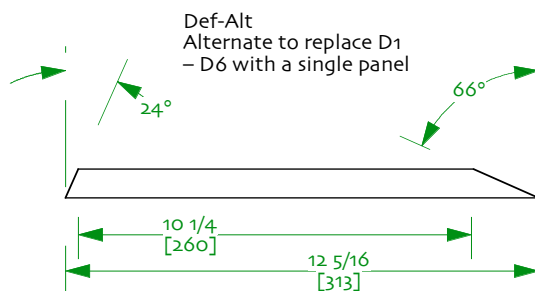
### Cut-list

3/4" (19mm) material (plan originated in inches, dimensions are rounded to the mm or to 1/16")

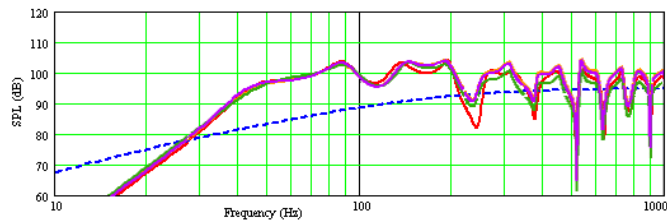
all panels width = 11 3/4" (298 mm) except sides

Sides are 18" x 72" (457x1829 mm)

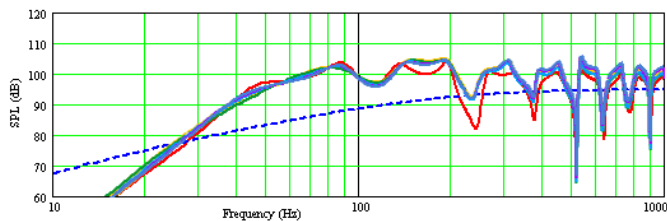
Panel (quantity/box)	L (inches)	L (mm)
A -- see note (2)	11 3/4	298
B (2)	4	102
C (2)	10 3/4	273
D (2)	14 1/2	368
E (2)	13	330
F (2)	6	152
G (2)	5	127
H (2)	9 1/2	241
Baffle (1)	40 1/2	1029
Def1 (2)	10 7/16	264
Def2 (2)	8 3/4	221
Def3 (2)	7 1/16	179
Def4 (2)	5 3/8	136
Def5 (2)	3 11/16	93
Def6 (2)	2	50
Def-Alt (2)	see diagram	
Back (1)	70 1/2	1791
Top/Bottom (2)	18	457



Fostex FE207e, FE206eSR, FE208eΣ. For reference red is the FE206e as above. The FE207e is green.



Lowther PM6C, PM6A, PM2C, PM2A, DX2, DX3, DX4. Red is the FE206e.



F	F		Def1
E	E	F	Def1
		F	
E	E	G	Def1
		G	
C	C	G	Def1
		G	
C	C	H	Def2
		H	Def2
		H	Def2
		H	Def2
		H	Def2
			Def2

Def6
Def6
Def6
Def6
Def5
Def5
Def5
Def5
Def4
Def4
Def4
Def4
Def3
Def3
Def3
Def3
Def3
Def3

F	F		
E	E	F	
		F	
E	E	G	
		G	
C	C	G	
		G	
C	C	H	
		H	Def-Alt
		H	
		H	Def-Alt
		Def-Alt	Def-Alt

Alternate cut sheet when using Def-Alt

D		D		A
TOP		BOTTOM		B
				B
SIDE		SIDE		BACK

D		D		A
TOP		BOTTOM		B
				B
SIDE		SIDE		BACK


Notes::

o/ suggested cut-plan for a pair of Sachiko using 4x8 foot (1219x2439mm) 3/4" (19mm) of void-free plywood.

1/ Sachiko requires 4 sheets if built with the stepped deflector. If you use the alternate deflector it can be built with 3. The top row of cut sheets represent the stepped deflector (2 seats on top left) and the alternate cut sheet (top right sheet)

1/ in this instance it would not be a hardship to make every secound deflector piece in the stepped deflector out of an alternate material (ie scraps of MDF or HDF)

2/ The cut sheets allow for a 3 mm (1/8") kerf and it is a tight fit.



Sachiko -- Spawn of Frugel-Horn  
FE2o6e Nagaoko-style / Double  
Mouth Horn 1v0  
Sheet 2 -- Cut PlanChris Bobiakdld  
23-march-2007