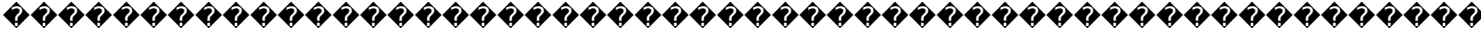


Loudspeaker Enclosure Designer, Crossover Design Module v1.0

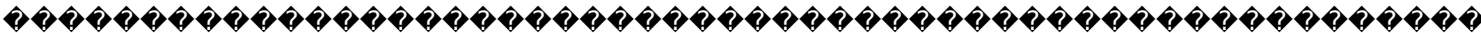


ALIGNMENT



LINKWITZ/RILEY:

LINKWITZ/RILEY:



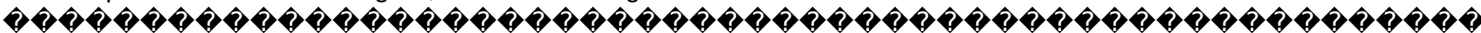
High-pass F-3dB:



<ALT-S> Schematic <ALT-L> Low-Pass Filters <ALT-P> Print values

<ALT-Q> Quit to As Easy As

Loudspeaker Enclosure Designer, Crossover Design Module v1.0



ALIGNMENT



LINKWITZ/RILEY:

LINKWITZ/RILEY:



Low-pass F-3dB:



<ALT-S> Schematic <ALT-H> High-Pass Filters <ALT-P> Print values

<ALT-Q> Quit to As Easy As

HIGH-PASS FILTERS



ORDER



1

2

2

2

2

2

3

4

4

4

4



LOW-PASS FILTERS



ORDER



1

2

2

2

2

2

3

4

4

4

4



{menuoff}{borderoff}/UIV{DN}~{ESC 3}{HOME}{goto}C36~/SGRA{menuon}{tone 500,300}

▶

CAPACITOR

C1

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

ENTER CUT-OFF AND IMPEDANCE:

0

0

CAPACITOR

C3

#DIV/0!
#DIV/0!
#DIV/0!
#DIV/0!
#DIV/0!

#DIV/0!

#DIV/0!
#DIV/0!
#DIV/0!
#DIV/0!

ENTER CUT-OFF AND IMPEDANCE:

0

0

Sheet1

{home}{goto}L1~{goto}O37~{BEEP}

{home}{goto}C36~{BEEP}

VALUES

C2

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

Hz, high-pass filter cut-off frequency

ohms, Tweeter impedance at cut-off frequency

VALUES

C4

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? ---

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

Hz, low-pass filter cut-off frequency

ohms, Woofer impedance at cut-off frequency

{home}{goto}A46~{goto}C81~{BEEP} {MENUOFF}/FNY

INDUCTOR

L1

#NAME? ---

#NAME?	#DIV/0!
#NAME?	#DIV/0!
#NAME?	#DIV/0!
#NAME?	#DIV/0!
#NAME?	#DIV/0!

#NAME?	#DIV/0!
--------	---------

#NAME?	#DIV/0!
#NAME?	#DIV/0!
#NAME?	#DIV/0!
#NAME?	#DIV/0!

INDUCTOR

L3

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

#NAME? #DIV/0!

{MENUOFF}{SCRNOFF}/PPRA1..K40~GPRA46..K85~GPQ{SCRNON}{UPDATE}{MENUON}{BEEP}

VALUES

mH

mH
mH
mH
mH
mH

mH

mH
mH
mH
mH

<ALT-D> Quit to DOS

VALUES

mH

mH

mH

mH

mH

mH

mH

mH

mH

mH

mH

<ALT-D> Quit to DOS

{MENUOFF}/EY

	L2	Filter Q
---	mH	
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	

#DIV/0! mH
#DIV/0! mH
#DIV/0! mH
#DIV/0! mH

	L4	Filter Q
---	mH	
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!
---	mH	#DIV/0!

#DIV/0! mH

#DIV/0! mH
#DIV/0! mH
#DIV/0! mH
#DIV/0! mH



FROM
AMPLIFIER

SELECT THE ORDER (ROLLOFF CHARACTERISTIC) FOR EACH FILTER:



<ALT-H> High-Pass Filters

<ALT-L> Low-Pass Filters

#NAME?	#VALUE!	#VALUE!	#VALUE!	#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME? CAP C1		#VALUE! CAP C2		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME? COIL L1		#VALUE! COIL L2		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?				
#NAME?				
#NAME?	#VALUE!	#VALUE!	#VALUE!	#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME? COIL L3		#VALUE! COIL L4		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME? CAP C3		#VALUE! CAP C4		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!
#NAME?		#VALUE!		#VALUE!

HIGH-PASS FILTER:

Order: 4 (1, 2, 3 or 4)

LOW-PASS FILTER:

Order: 4 (1, 2, 3 or 4)



<ALT-Q> Quit

<ALT-D> Quit to DOS



#NAME?
#NAME?
#NAME?
#NAME? #VALUE!
#NAME?
#NAME? mid
#NAME? or
#NAME? tweeter
#NAME?
#NAME? #VALUE!
#NAME?
#NAME?
#NAME?



#NAME?
#NAME?
#NAME?
#NAME?
#NAME?
#NAME? bass
#NAME? driver
#NAME?
#NAME?
#NAME?
#NAME?
#NAME?
#NAME?
#NAME?



ORDER/SLOPE:

- 1 6 dB/octave
- 2 12 dB/octave
- 3 18 dB/octave
- 4 24 dB/octave