

# WARNING !

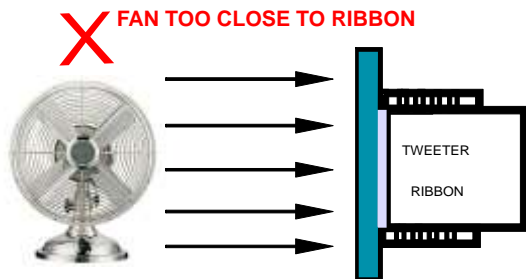
**RIBBON TWEETERS ARE IMMEDIATELY DAMAGED BY DC ! DO NOT CONNECT DIRECTLY TO AN AMPLIFIER SOURCE WITHOUT A DC-BLOCKING HIGH-PASS CROSSOVER DAMAGE RESULTING FROM DC IS NOT COVERED BY WARRANTY ITEMS PURCHASED AT CUSTOMER RISK. EXPERIENCE REQUIRED Visit [www.fountek.com.au](http://www.fountek.com.au) for further information.**

## "FOUNTEK RIBBON TWEETER "

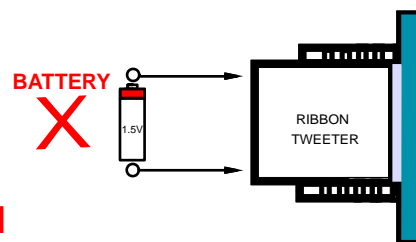
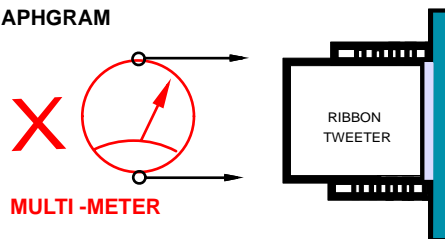
### " INSTALLATION WARNING "

DO NOT CONNECT A BATTERY , AMPLIFIER OR MULTI -METER "DIRECT" ACROSS THE RIBBON TWEETER TERMINALS WITH OUT A 18DB/OCT 2.5KHZ or higher CROSSOVER UNIT OR DC BLOCKING CAPACITOR

THIS MAY RESULT IN DAMAGE TO THE RIBBON TWEETER DIAPHRAGM

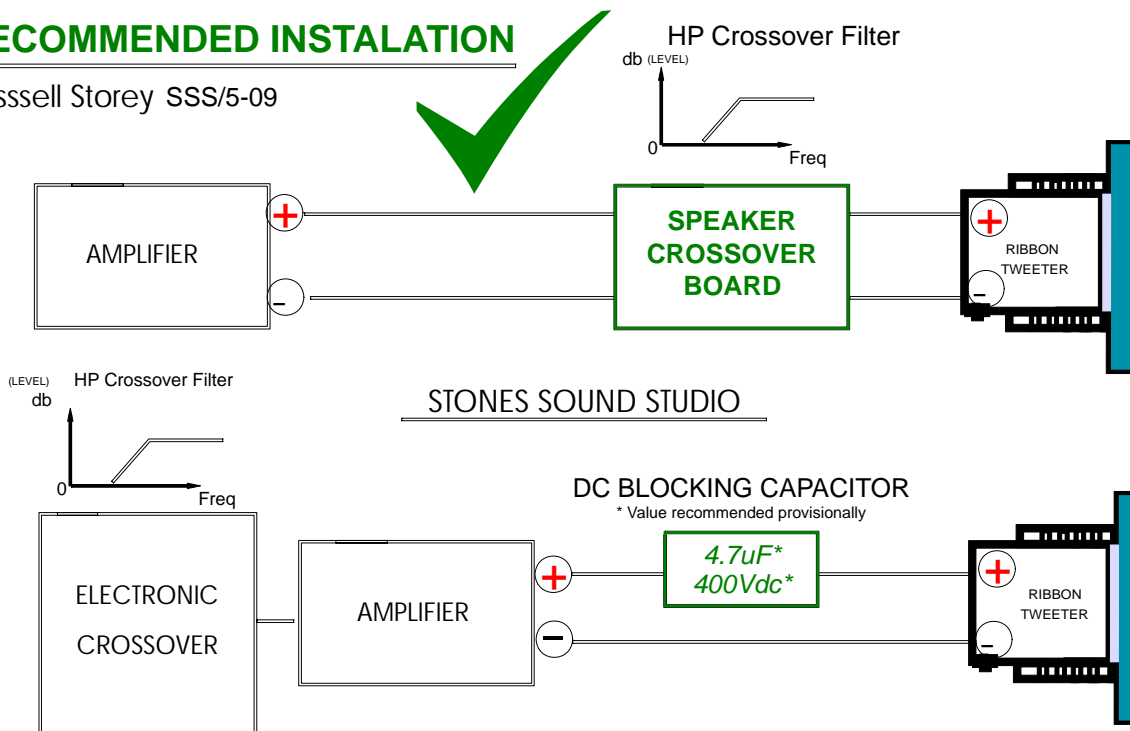


**THIS MAY RESULT IN DAMAGE TO THE RIBBON TWEETER DIAPHRAGM**



## RECOMMENDED INSTALATION

Russell Storey SSS/5-09

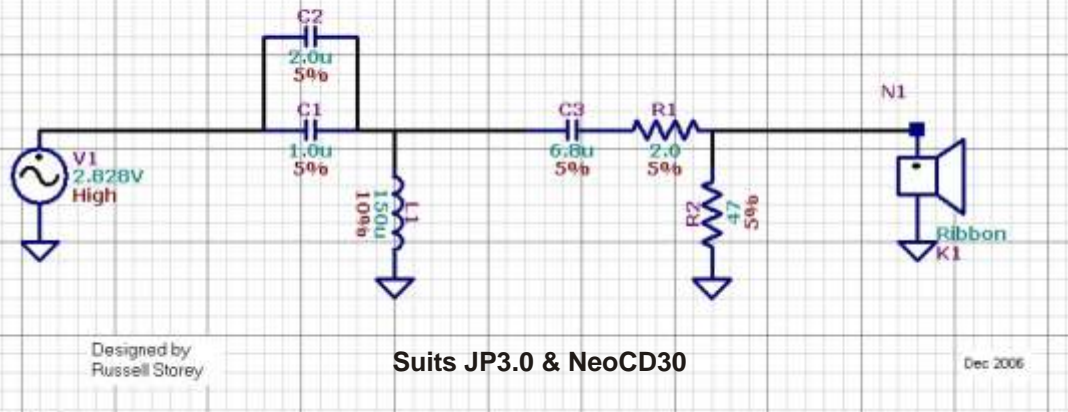


Stones Sound Studio .com.au

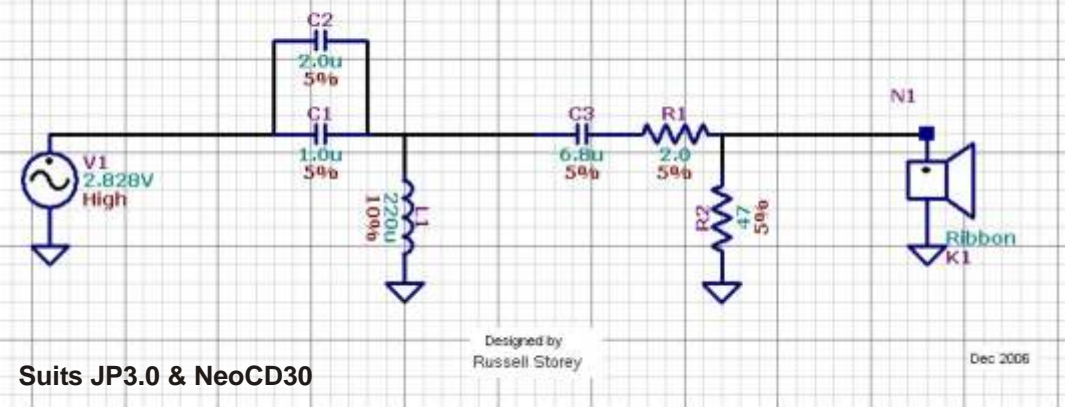
Russell Storey  
SSS/5-09

STONES SOUND STUDIO  
JP.0 Ribbon Crossover Version2  
18db/oct @ 7.5Khz  
8ohm nominal system

**Fountek**  
www.fountek.com.au

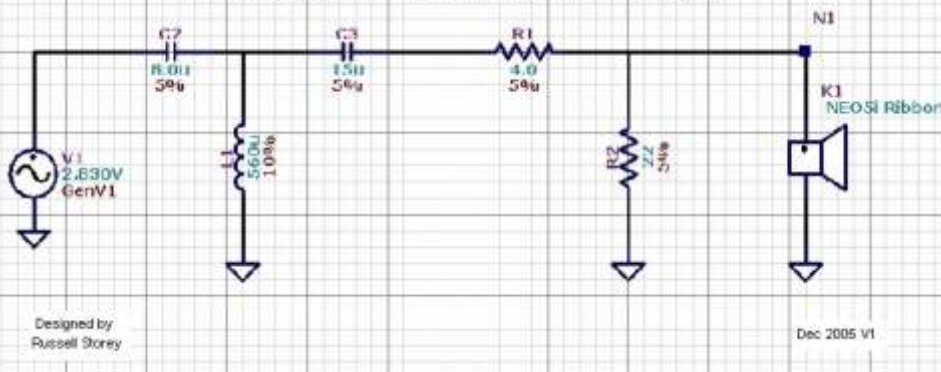


STONES SOUND STUDIO  
JP3.0 Ribbon Crossover Version2  
18db/oct @ 4KHz  
8ohm nominal system



STONES SOUND STUDIO  
Neo Pro 5i Ribbon Crossover

18db/oct & 1.8Khz (Attenuation set for 95dB SPL)



The output with attenuation is set to around 95dB SPL average.

Individual results may vary. Too bright? Changing the value of R2 to a lower value 15 ohm will add further attenuation for level matching in lower sensitivity bass/mid speaker systems if required. To increase the ribbon level to maximum of around 97dB, remove the R2 resistor altogether. The tweeter phase (polarity) may have to be reversed in some systems depending on mid-range crossover matching. This is a matter of experiment with polarity and component values to achieve your own personal sound signature preference and correct Mid/Bass driver matching and phase. The quality of a sound signature depends on the individual components chosen and how they interact with each other and the crossover circuit board layout to ultimately determine the end response. Use only quality components. This design was developed with "NL" Series non-inductive resistors SCR "MKP" Series 400V capacitors. Solen Air Core Inductors or "XLA" Inductors will substitute OK. Available from WES Components.

www.fountek.com.au  
for more crossover circuits with different frequencies