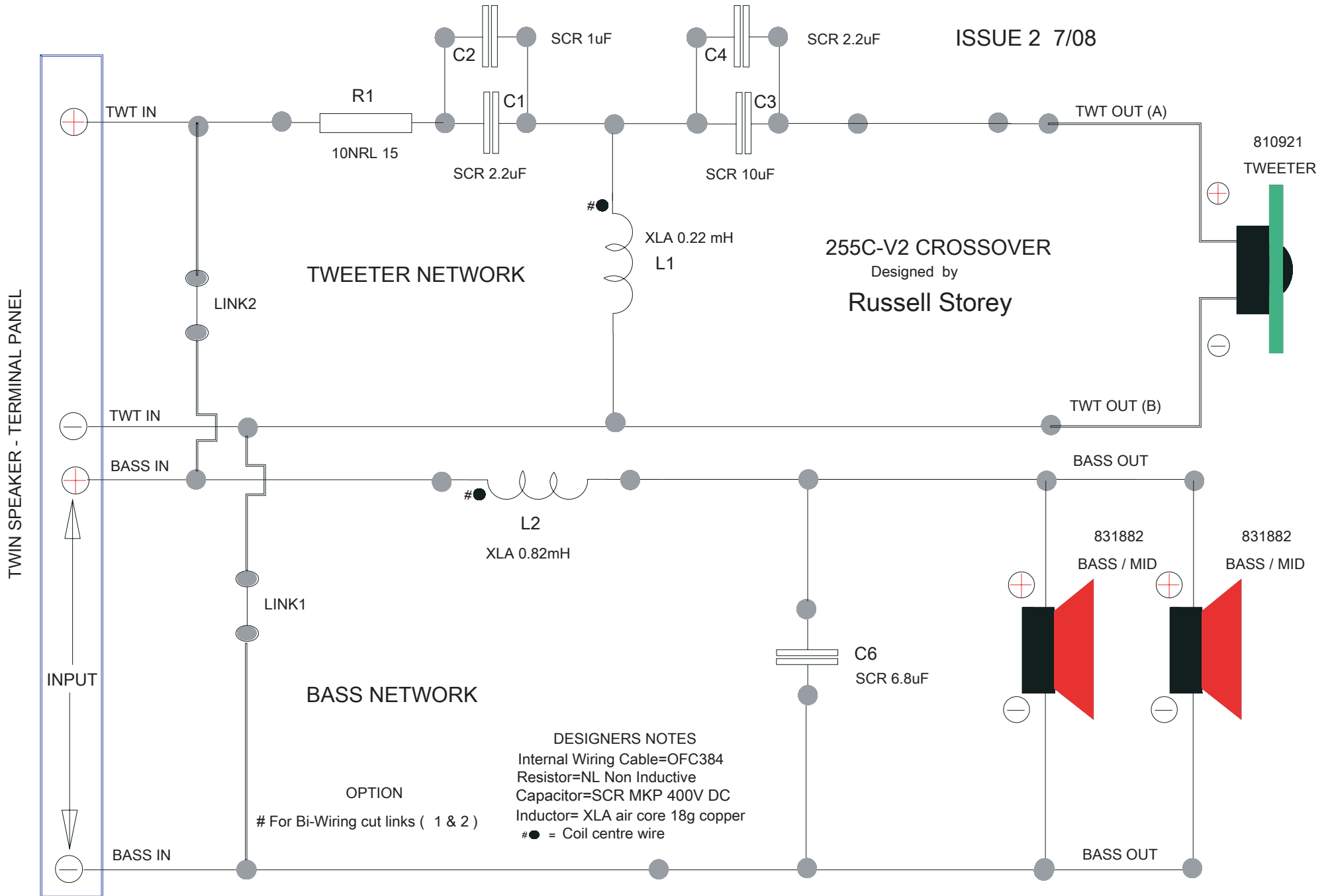


# STONES SOUND STUDIO

ISSUE 2 7/08



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## HDS255C-V2 – ( Version2 ) SPEAKER KIT

### SPECIFICATIONS

Issue 2 9/7/08

<b>Frequency Range</b> (on axis)	47Hz-25kHz
<b>Efficiency</b>	91.5 dB      SPL @ 1m 2.83V rms +/- 1.5db      @ 22degs C averaged
<b>Nominal Impedance</b>	4ohms
<b>Recommended amplifier power</b>	
Home Theatre Receiver	5 to 150 W      Unclipped program material
Stereo and Valve	5 to 150 W      Unclipped program material
<b>Harmonic Distortion THD</b>	+/- 0.3%      @ 1watt 2.83Vrms      1Khz
<b>Relative Phase Coherence</b>	<±30° degs 400Hz to 10Khz
<b>Frequency Response</b> (off axis)	47Hz to 20Khz    Horz / Vert +/- 65 30 degs
<b>Crossover</b>  (No Soldering required )	<p><b>Printed Circuit Board</b> : Fully finished includes all components, Velcro mounting tabs &amp; wiring</p> <p><b>Wiring cable</b> : Internal speaker cable high quality OFC 384 strand with push on connections</p> <p><b>Speaker terminals</b> : 4mm twin gold plated binding post</p> <p><b>Filter</b> : 2 way off set Bessel / Butterworth , linear phase</p> <p><b>Freq</b> : 3.2Khz</p> <p><b>Order</b> : 2nd Lp, 3rd Hp</p> <p><b>Components</b>: High quality, Copper Air core inductors ,SCR 400V metalized MKP capacitors Non Inductive resistors</p> <p><b>Bi-wiring</b> : Option provided</p>
<b>Drivers</b>	
Bass	2 x Peerless 831882      HDS Woofer    5" Nomex
Tweeter	1 x Peerless 810921      HDS Tweeter    1" (104mm)
<b>Input Terminals</b>	Gold plated 2way
<b>Cabinet</b>	<p>High quality enclosure supplied fully finished with, pre drilled screw holes, port, speaker mounting holes, grill panel , acoustic felt lined ,mounting screws</p> <p><b>Features</b> : Low resonant chamber ,36mm thick front baffle , hardwood bracing ribs ,rounded edge speaker hole, rear port , low loss acoustic grill material, felt cup for tweeter magnet , acoustic port plug for wall or in cabinet mounting, Xpolar tweeter mounting option</p>
<b>Finishes</b>	Black wood grain Vinyl , Jarrah and Tasmanian Oak veneers
<b>Size</b>	
Height	594 mm
Width	180 mm
Depth	305 mm
<b>Mass</b>	15 kg ea