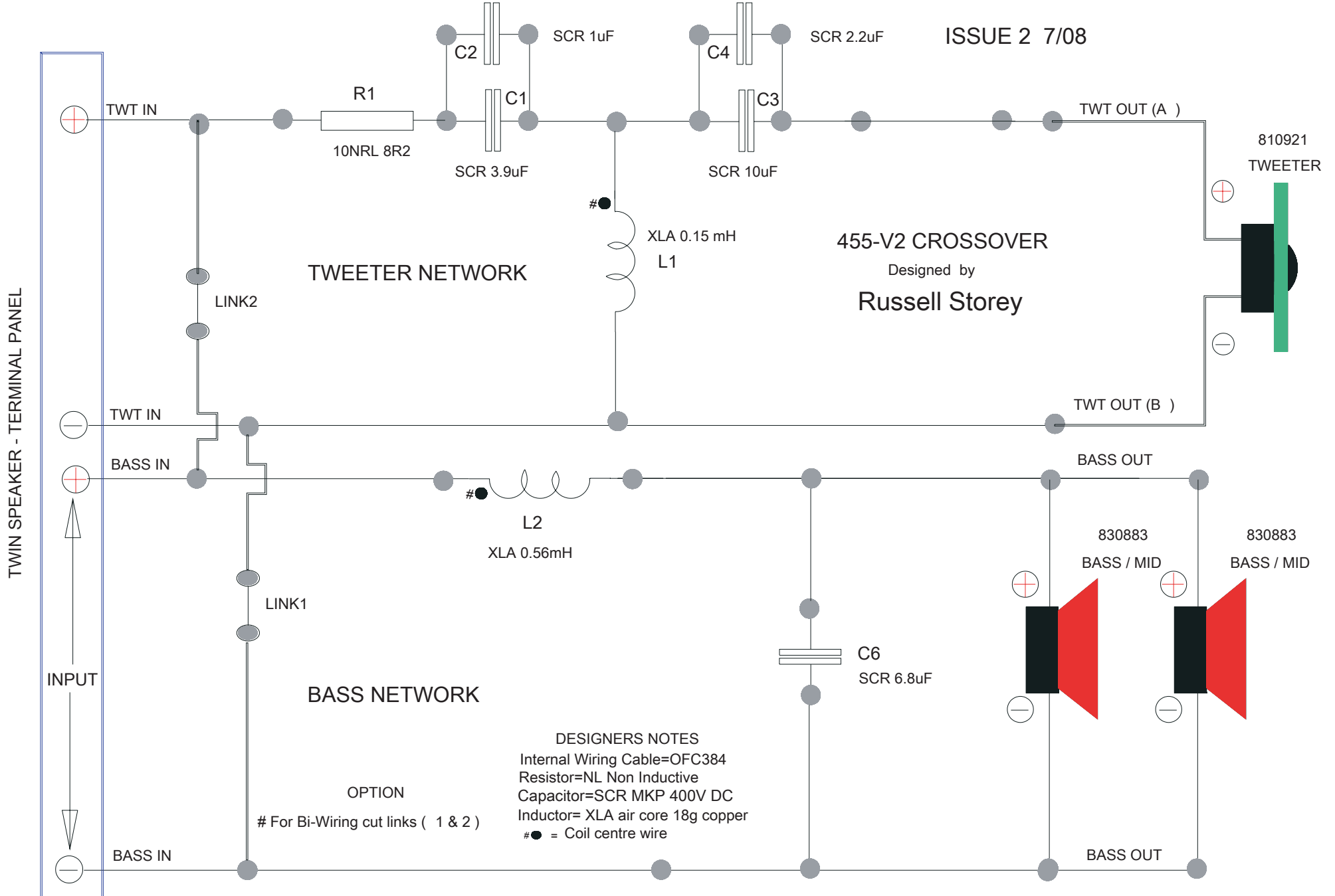


STONES SOUND STUDIO

ISSUE 2 7/08



STONES SOUND STUDIO

HDS455-V2 – (Version2) SPEAKER KIT

SPECIFICATIONS

Issue 2 9/7/08

Frequency Range (on axis)	38Hz-25kHz
Efficiency	92 dB SPL @ 1m 2.83V rms +/- 1.5db @ 22degs C averaged
Nominal Impedance	4ohms
Recommended amplifier power	
Home Theatre Receiver	5 to 150 W Unclipped program material
Stereo and Valve	5 to 150 W Unclipped program material
Harmonic Distortion THD	+/- 0.3% @ 1watt 2.83Vrms 1Khz
Relative Phase Coherence	<±30° degs 400Hz to 10Khz
Frequency Response (off axis)	44Hz to 20Khz Horz / Vert +/- 45 30 degs
Crossover (No Soldering required)	<p>Printed Circuit Board : Fully finished includes all components, Velcro mounting tabs & wiring</p> <p>Wiring cable : Internal speaker cable high quality OFC 384 strand with push on connections</p> <p>Speaker terminals : 4mm twin gold plated binding post</p> <p>Filter : 2 way off set Bessel / Butterworth , linear phase</p> <p>Freq : 3.3Khz</p> <p>Order : 2nd Lp, 3rd Hp</p> <p>Components: High quality, Copper Air core inductors ,SCR 400V metalized MKP capacitors Non Inductive resistors</p> <p>Bi-wiring : Option provided</p>
Drivers	
Bass	2 x Peerless 830883 HDS Woofer 6.5" Nomex
Tweeter	1 x Peerless 810921 HDS Tweeter 1" (104mm)
Input Terminals	Gold plated 2way
Cabinet	<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>Features : 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>
Finishes	Black wood grain Vinyl , Jarrah and Tasmanian Oak veneers
Size	
Height	1100 mm 1150mm (with Base Plinth)
Width	210 mm
Depth	365 mm
Mass	25 kg ea