

XSI34 • SETTING UP THE CROSSOVER

To set the correct loudspeaker parameters within the crossover:

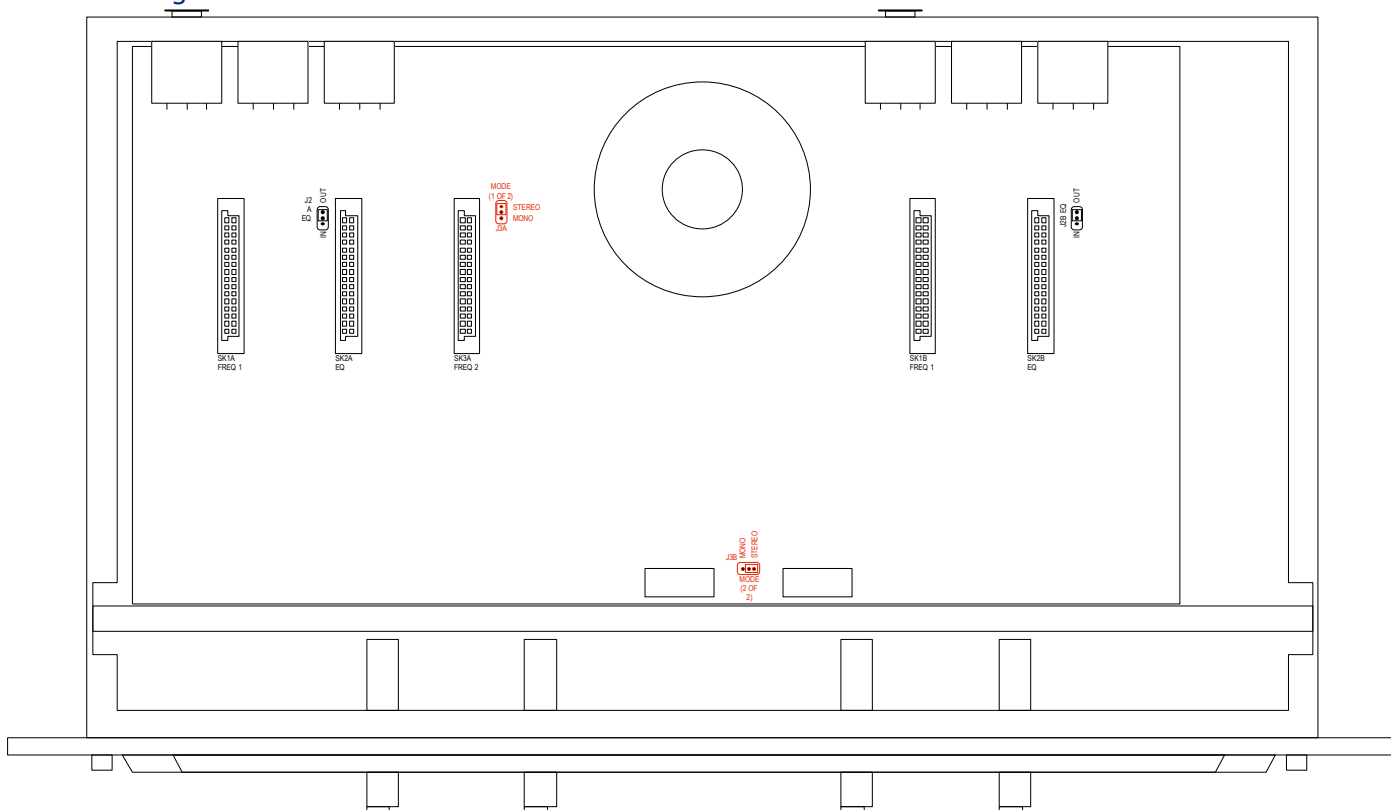
- Disconnect the power connector from the incoming mains.
 - Remove the ten screws around the edge retaining the lid with a Posidrive 1 screwdriver bit - do not remove the screw centre back that is inset slightly as this retains the earth link cable.
-

XSI34 • FUSES

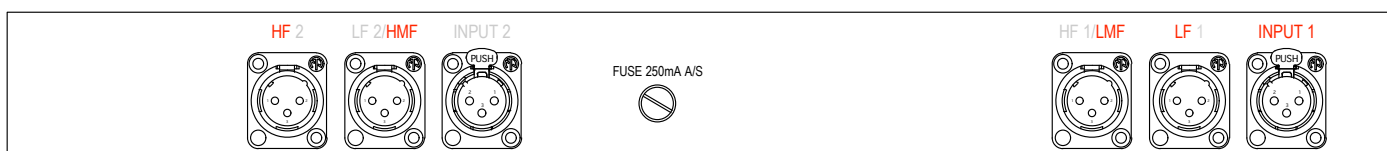
- The 13A plug should have a 32mm 3A fuse.
- The rear panel should have a 20mm T250 fuse.

XSI34 • MONO OR STEREO?

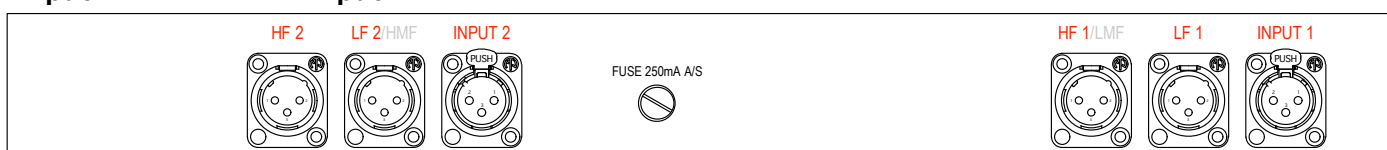
There are two jumpers J3A and J3B which both have to be selected correctly for the crossover to run in the desired configuration.



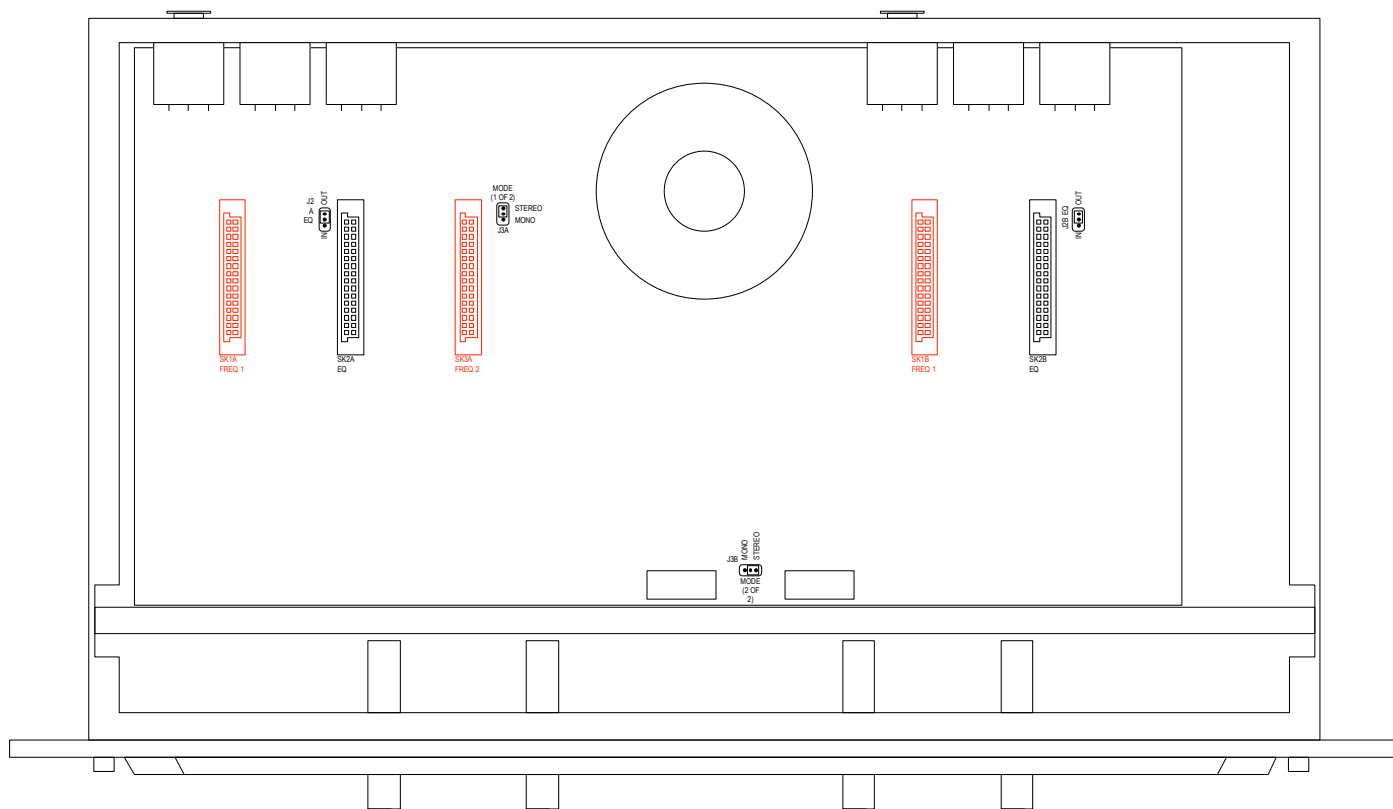
Mono will give you one set of four active outputs and the labels on the rear connectors will be (left to right as you look at the back panel) **HF - HMF - LMF - LF - Input**.



Stereo will give you two sets of two active outputs and the labels on the rear connectors will be **HF 2 - LF 2 - Input 2 - HF 1 - LF 1 - Input 1**.



XSI34 • WHICH CROSSOVER IS REQUIRED FOR WHICH LOUDSPEAKER?



In MONO mode:

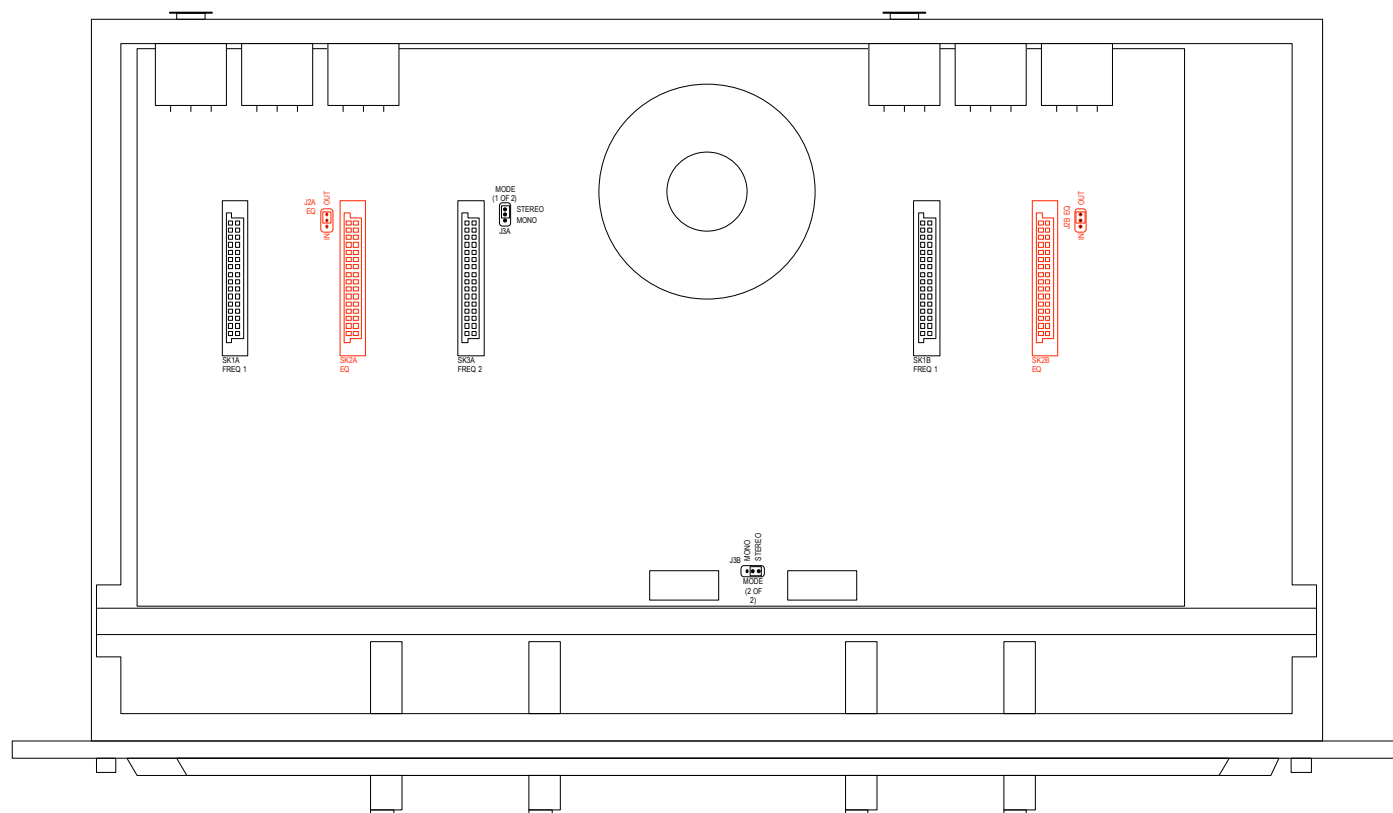
- SK1A is for the crossover card between the LF and the LMF
- SK3A is for the crossover card between the HMF and the LMF
- SK1B is for the crossover card between the HF and the HMF

In STEREO mode:

- SK1A is for the crossover card between LF 1 and HF 1
- SK1B is for the crossover card between LF 2 and HF 2

Note that SK3A has no function in the stereo configuration and is left blank.

XSI34 • WHICH EQ/DELAY IS REQUIRED FOR WHICH LOUDSPEAKER?



Two sockets SK2A and SK2B can be used to add equalisation or delay onto a particular output channel. Each socket has a respective jumper (J2A and J2B) to determine whether the socket is in use or not. If you insert a card into one of these slots, make sure that you change the jumper cover to IN.

It is not required to have a card in for some configurations.

T950/925 CROSSOVER DATA FOR XSI 34

Configuration J3A & J3B Jumpers	Stereo
SK1A Crossover	220 Hz
SK2A EQ	Empty
J2A Jumper	Out
SK3A Crossover	Empty
SK1B Crossover	220 Hz
SK2B EQ	Empty
J2B Jumper	Out

SUB BASS CROSSOVER DATA FOR XSI34

Configuration J3A & J3B Jumpers	Stereo
SK1A Crossover	80 Hz or 125 Hz
SK2A EQ	Not Used
J2A Jumper	Out
SK3A Crossover	Not Used
SK1B Crossover	80 Hz or 125 Hz
SK2B EQ	Not Used
J2B Jumper	Out

T800 CROSSOVER DATA FOR XSI 34

Configuration J3A & J3B Jumpers	Stereo
SK1A Crossover	440 Hz
SK2A EQ	800T
J2A Jumper	In
SK3A Crossover	Not Used
SK1B Crossover	440 Hz
SK2B EQ	800T
J2B Jumper	In

ISO6.3R RIBBON ONLY ASSEMBLY

Configuration J3A & J3B Jumpers	Stereo
SK1A Crossover	2k2 (Butterworth 3rd Order)
SK2A EQ	Empty
J2A Jumper	Out
SK3A Crossover	Not Used
SK1B Crossover	2k2 (Butterworth 3rd Order)
SK2B EQ	Empty
J2B Jumper	Out

XSI34 Crossover

AT1000 CROSSOVER DATA FOR XSI34	
Configuration J3A & J3B Jumpers	Mono
SK1A Crossover	125 Hz
SK2A EQ	Empty
J2A Jumper	Out
SK3A Crossover	440 Hz
SK1B Crossover	3.3 KHz
SK2B EQ	TAD 2001
J2B Jumper	In

AT1000 CROSSOVER AND AMPLIFIER LEVELS			
Crossover		Amplifier	
LF	0 dB	2500	0 dB
LMF	0 dB	1250	0 dB
HMF	-1 dB	1250	-4 dB
HF	0 dB	500	-3 dB

AT850 CROSSOVER DATA FOR XSI34	
Configuration J3A & J3B Jumpers	Mono
SK1A Crossover	125 Hz
SK2A EQ	Delay Card - link to top two pins on EQ in/out
J2A Jumper	Link from Delay Card to IN point
SK3A Crossover	440 Hz
SK1B Crossover	3.3 KHz
SK2B EQ	TAD 2001/18th Day CS EQ
J2B Jumper	In

CS850N CROSSOVER AND AMPLIFIER LEVELS			
Crossover		Amplifier	
LMF	0 dB	1250	-3dB
HF	0 dB	500	0 dB