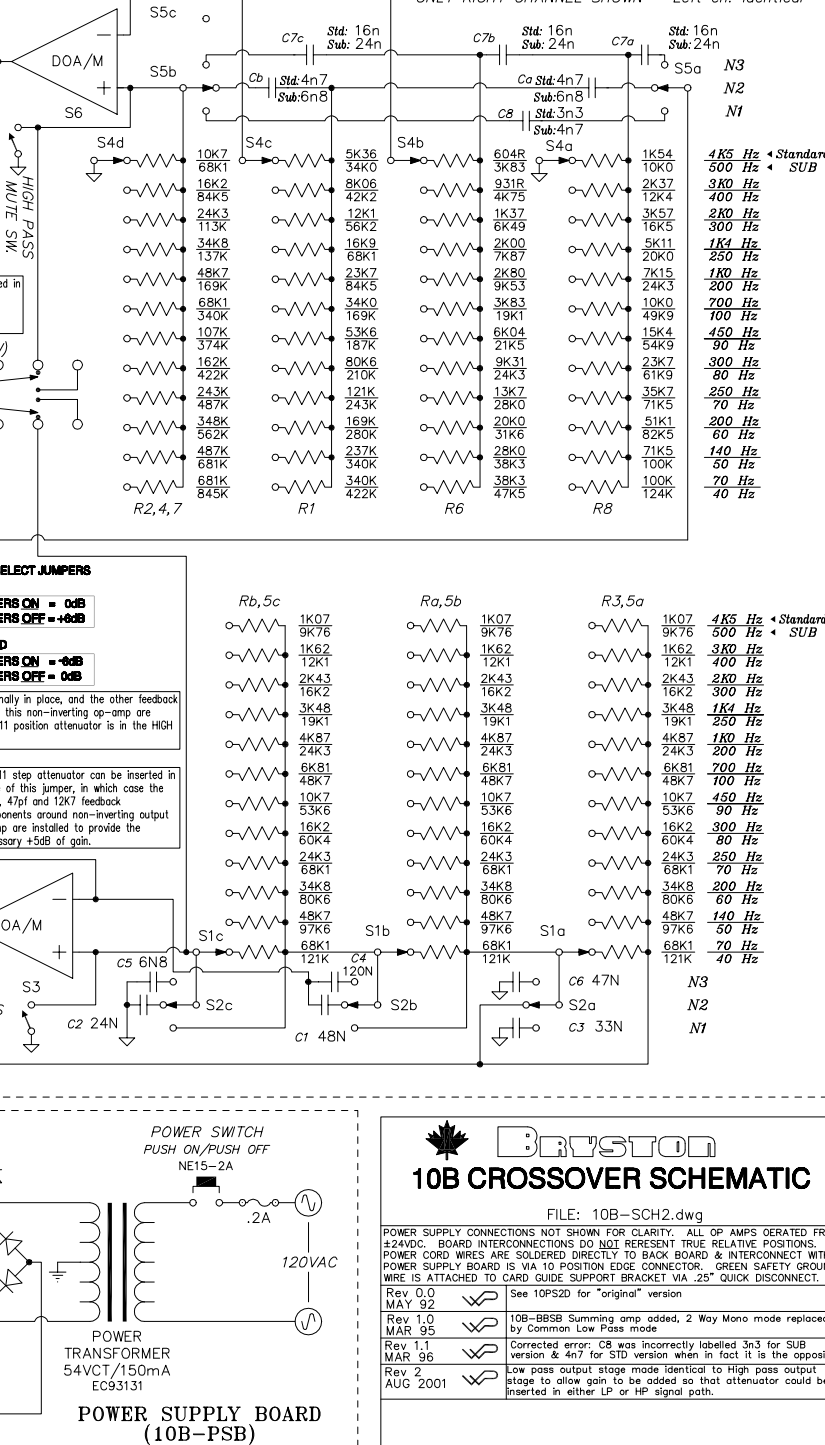
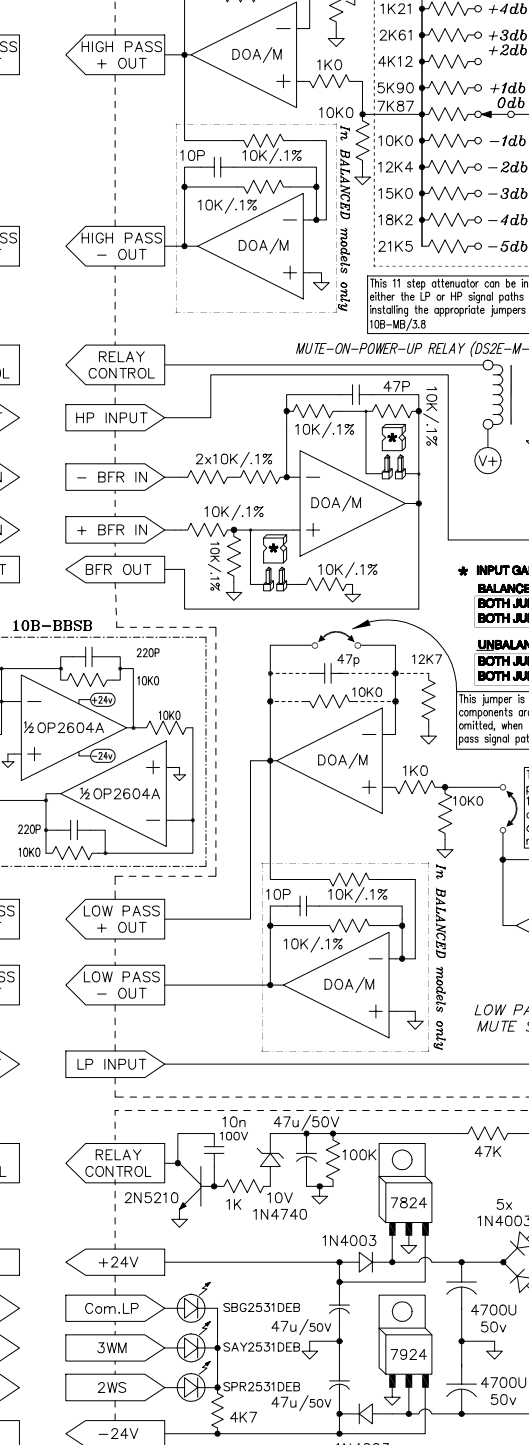
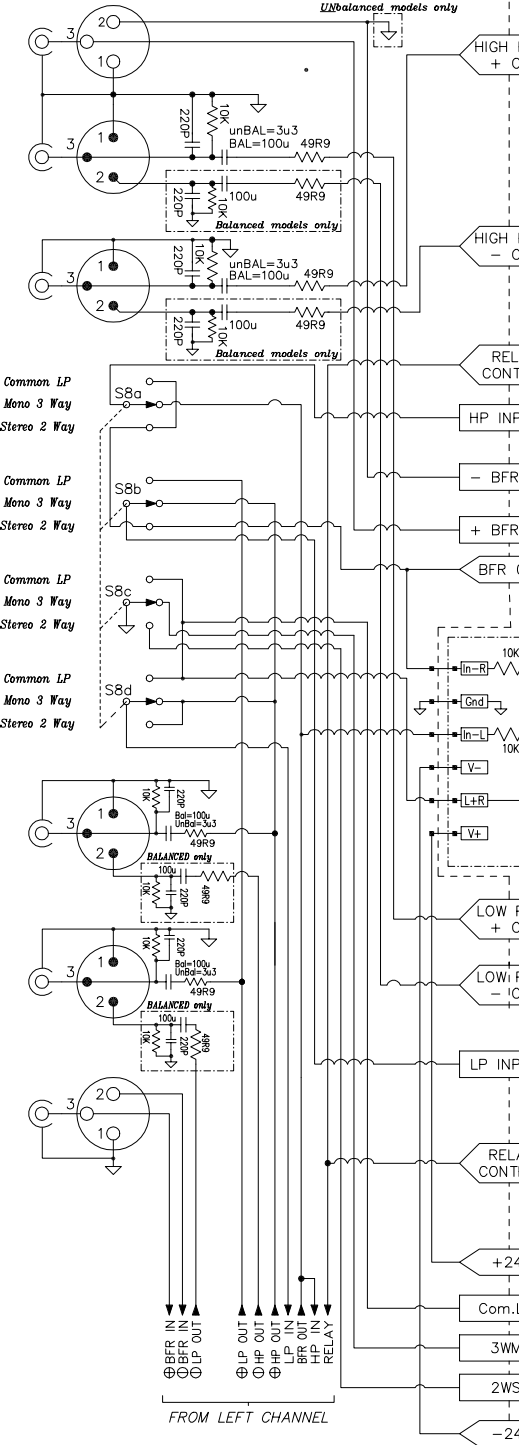


BACK BOARD (10B-BB/4.4)

MAIN BOARD (10B-MB/3.4)
ONLY RIGHT CHANNEL SHOWN - Left ch. identical



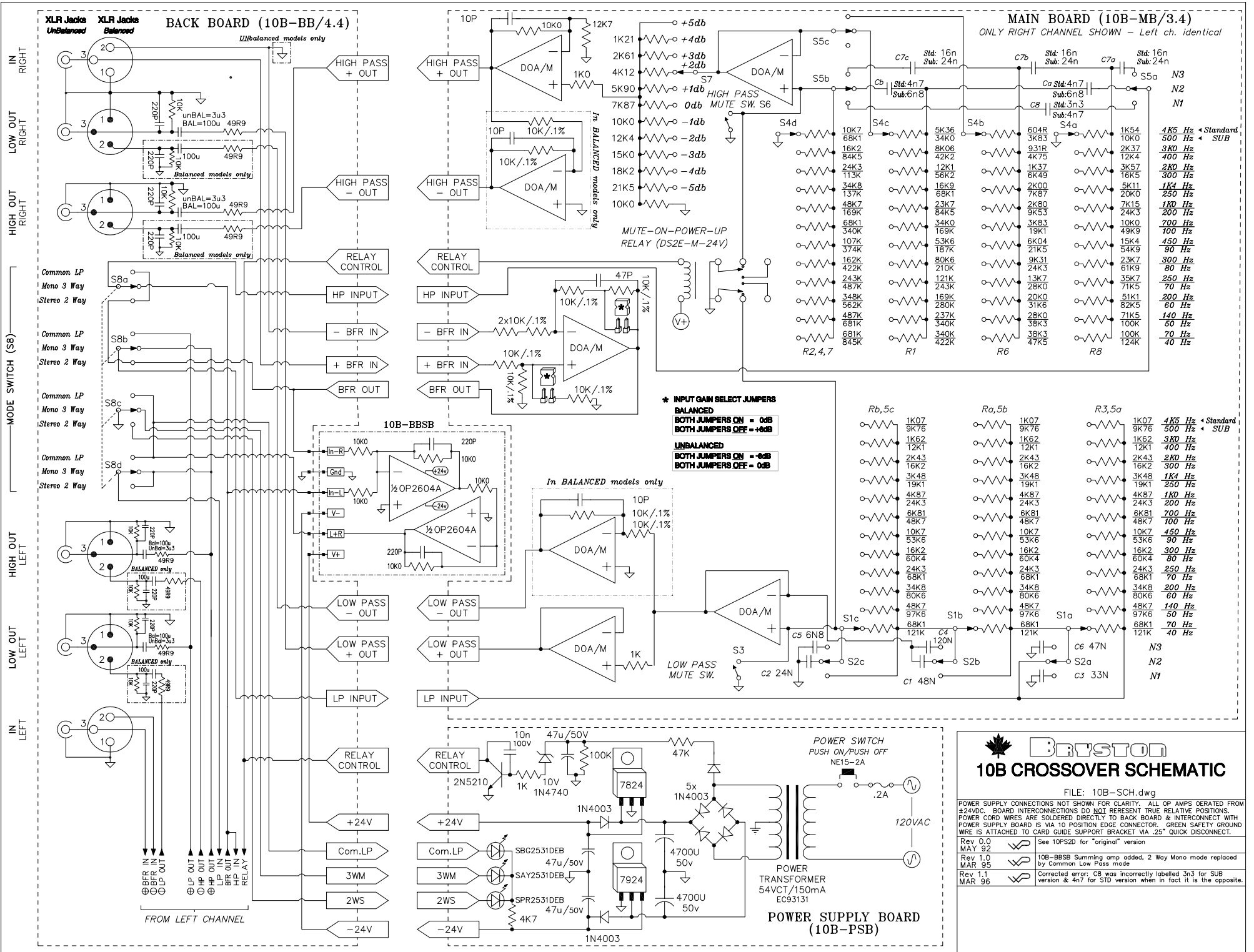
BRUSTON

10B CROSSOVER SCHEMATIC

FILE: 10B-SCH2.dwg

POWER SUPPLY CONNECTIONS NOT SHOWN FOR CLARITY. ALL OP AMPS OPERATED FROM +24VDC. BOARD INTERCONNECTIONS DO NOT REPRESENT TRUE RELATIVE POSITIONS. POWER CORD WIRES ARE SOLDERED DIRECTLY TO BACK BOARD & INTERCONNECT WITH POWER SUPPLY BOARD IS VIA 10 POSITION EDGE CONNECTOR. GREEN SAFETY GROUND WIRE IS ATTACHED TO CARD GUIDE SUPPORT BRACKET VIA .25" QUICK DISCONNECT.

Rev 0.0 MAY 92 See 10PS2D for "original" version
 Rev 1.0 MAR 95 10B-BBSSB Summing amp added, 2 Way Mono mode replaced by Common Low Pass mode
 Rev 1.1 MAR 96 Corrected error: C8 was incorrectly labeled 3n3 for SUB version & 4n7 for STD version when in fact it is the opposite.
 Rev 2 AUG 2001 Low pass output stage made identical to High pass output stage to allow gain to be added so that attenuator could be inserted in either LP or HP signal path.



BRUSTON
10B CROSSOVER SCHEMATIC

FILE: 10B-SCH.dwg

POWER SUPPLY CONNECTIONS NOT SHOWN FOR CLARITY. ALL OP AMPS OPERATED FROM +24VDC. BOARD INTERCONNECTIONS DO NOT REPRESENT TRUE RELATIVE POSITIONS. POWER CORD WIRES ARE SOLDERED DIRECTLY TO BACK BOARD & INTERCONNECT WITH POWER SUPPLY BOARD IS VIA 10 POSITION EDGE CONNECTOR. GREEN SAFETY GROUND WIRE IS ATTACHED TO CARD GUIDE SUPPORT BRACKET VIA .25" QUICK DISCONNECT.

Rev 0.0 MAY 92 See 10PS2D for "original" version
 Rev 1.0 MAR 95 10B-BB5B Summing amp added, 2 Way Mono mode replaced by Common Low Pass mode
 Rev 1.1 MAR 96 Corrected error: C8 was incorrectly labelled 3n3 for SUB version & 4n7 for STD version when in fact it is the opposite.

*** INPUT GAIN SELECT JUMPERS**

BALANCED
 BOTH JUMPERS ON = 0db
 BOTH JUMPERS OFF = +10db

UNBALANCED
 BOTH JUMPERS ON = -6db
 BOTH JUMPERS OFF = 0db

Component	Value	Component	Value	Component	Value
Rb,5c	1K07	Ra,5b	1K07	R3,5a	1K07
	9K76		9K76		9K76
	1K62		1K62		1K62
	12K1		12K1		12K1
	2K43		2K43		2K43
	16K2		16K2		16K2
	3K48		3K48		3K48
	19K1		19K1		19K1
	4K87		4K87		4K87
	24K3		24K3		24K3
	6K81		6K81		6K81
	48K7		48K7		48K7
	10K7		10K7		10K7
	53K6		53K6		53K6
	16K2		16K2		16K2
	60K4		60K4		60K4
	24K3		24K3		24K3
	68K1		68K1		68K1
	34K8		34K8		34K8
	80K6		80K6		80K6
	48K7		48K7		48K7
	97K6		97K6		97K6
	68K1		68K1		68K1
	121K		121K		121K
					N3
					N2
					N1

4K5 Hz • Standard
 500 Hz • SUB
 300 Hz
 400 Hz
 2K0 Hz
 300 Hz
 1K4 Hz
 250 Hz
 1K0 Hz
 200 Hz
 700 Hz
 100 Hz
 450 Hz
 90 Hz
 300 Hz
 250 Hz
 250 Hz
 70 Hz
 200 Hz
 60 Hz
 140 Hz
 50 Hz
 70 Hz
 40 Hz