



Schematic Set

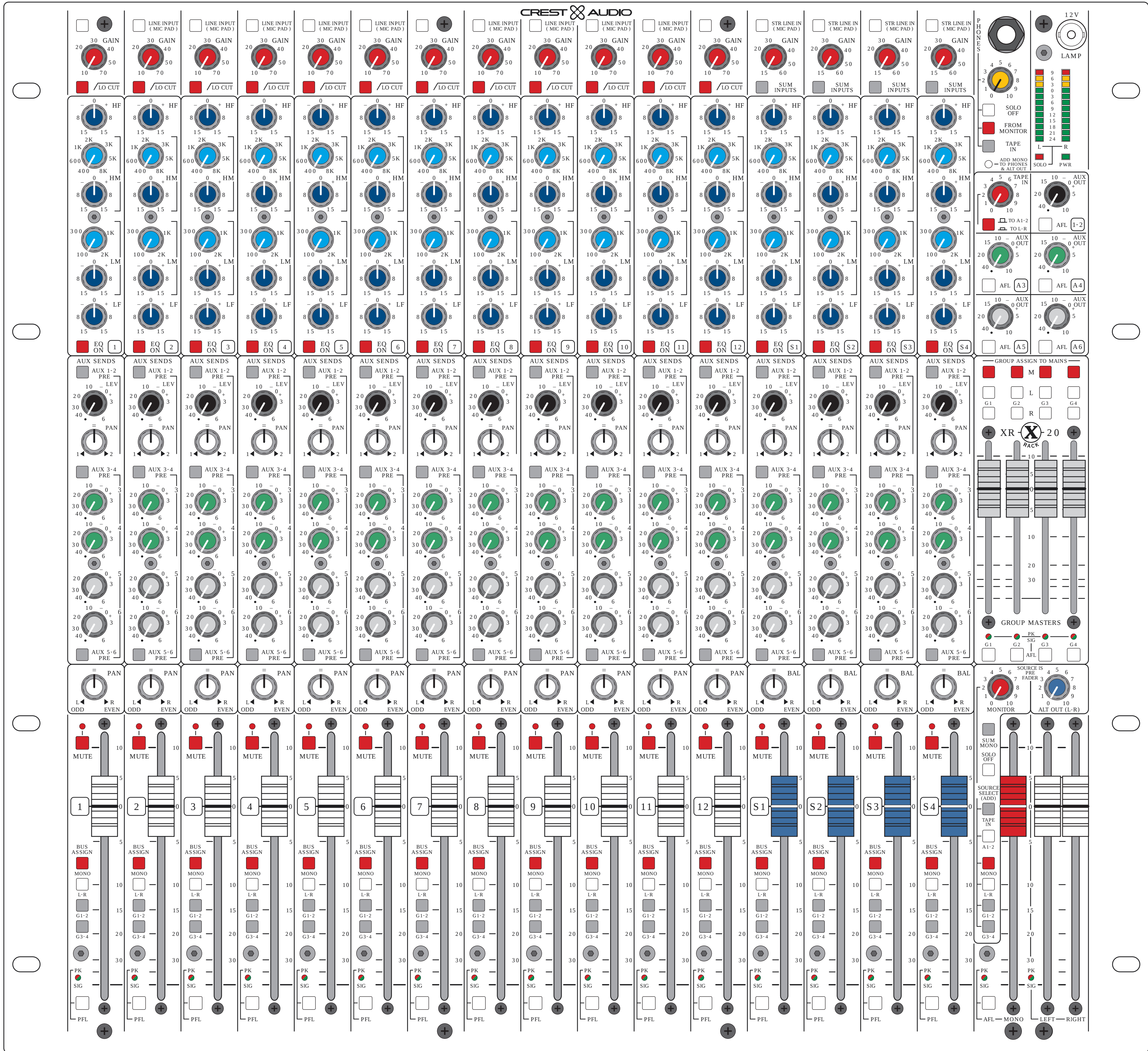
For XR-20 and XR-24 Rack-Mount Mixers

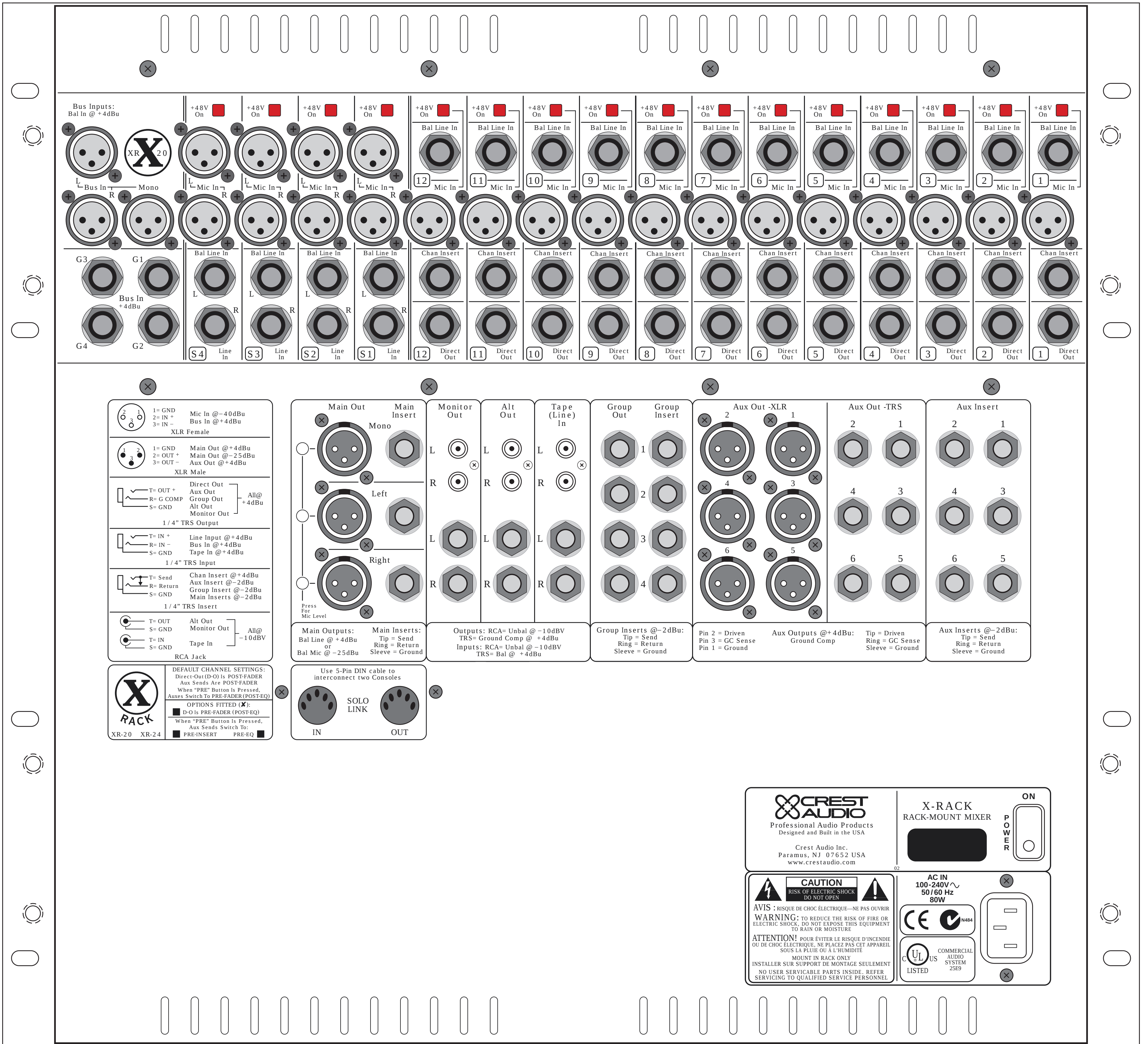
XR-20

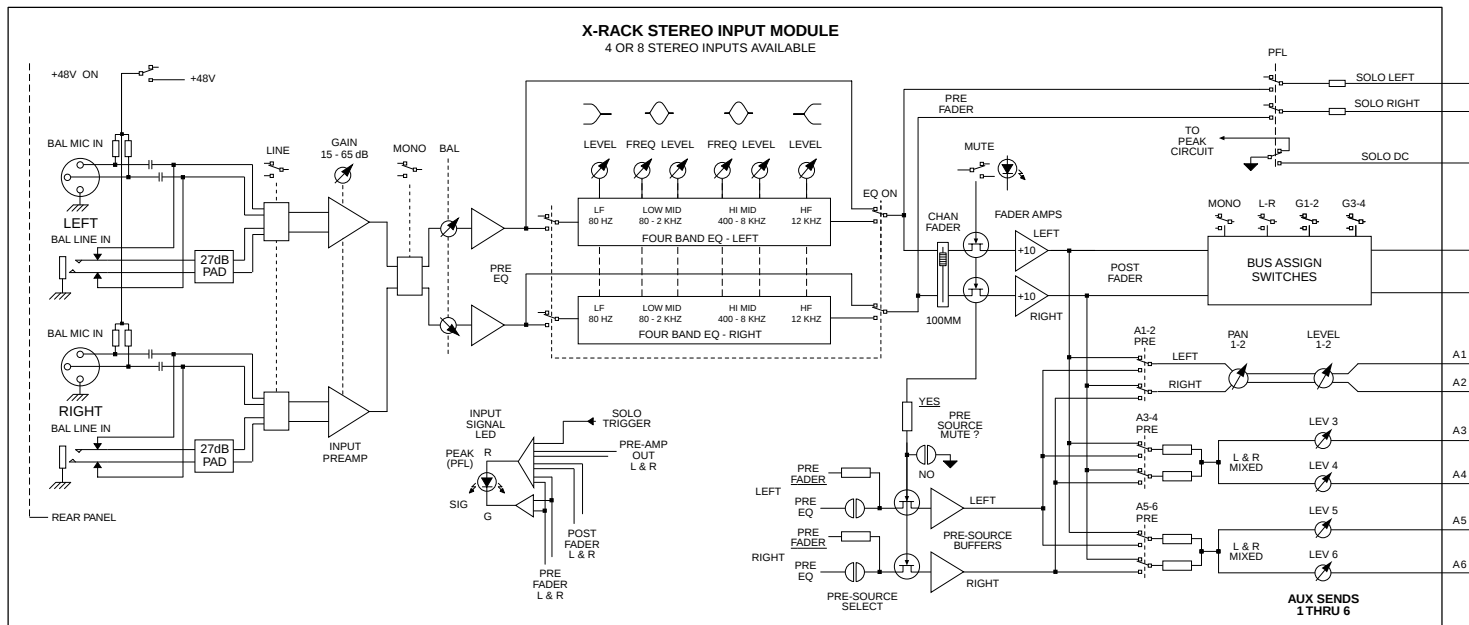
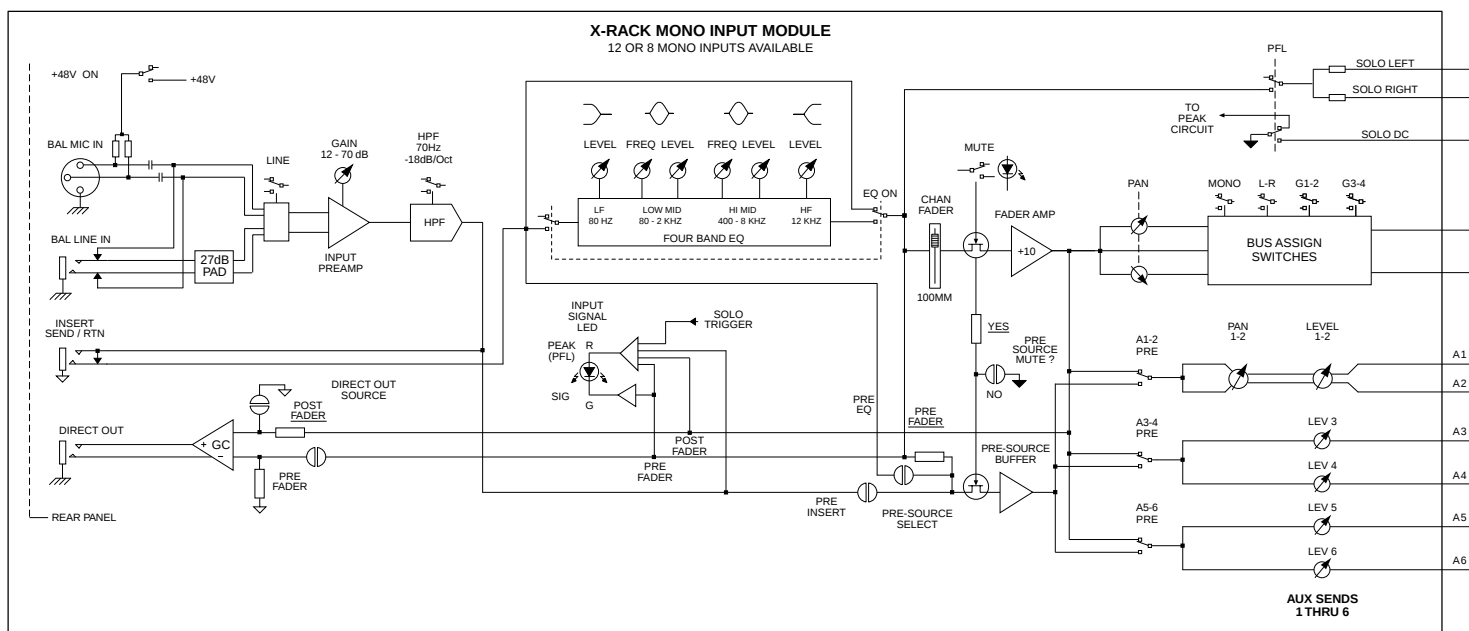
12 Mono Inputs • 4 Stereo Inputs

XR-24

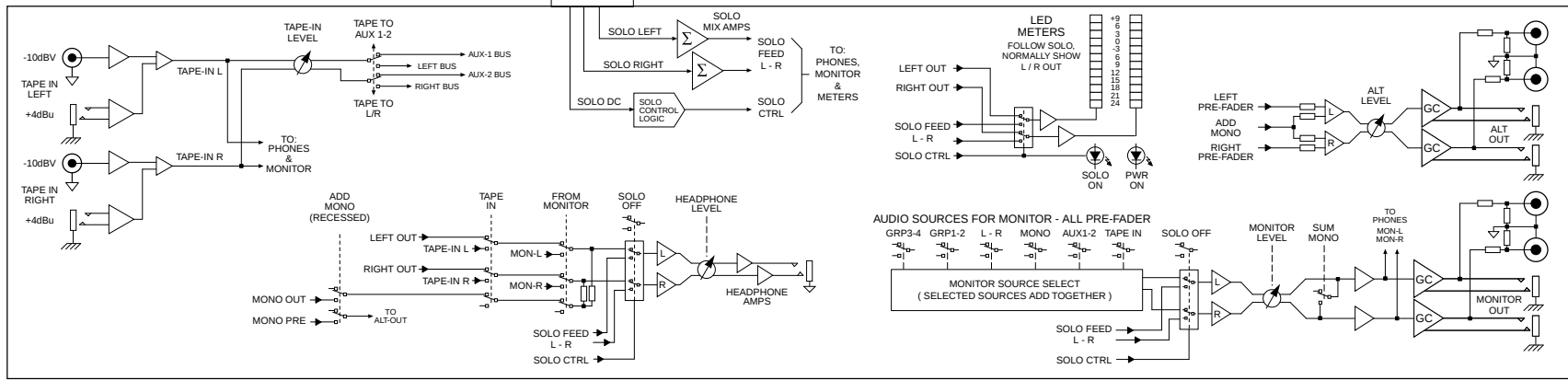
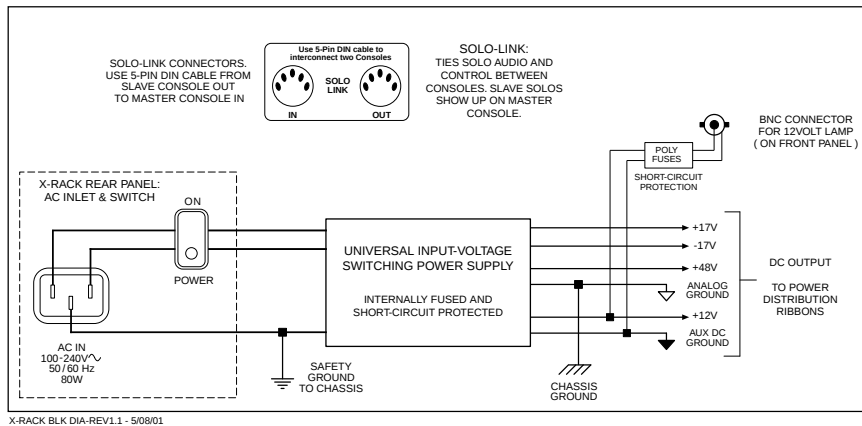
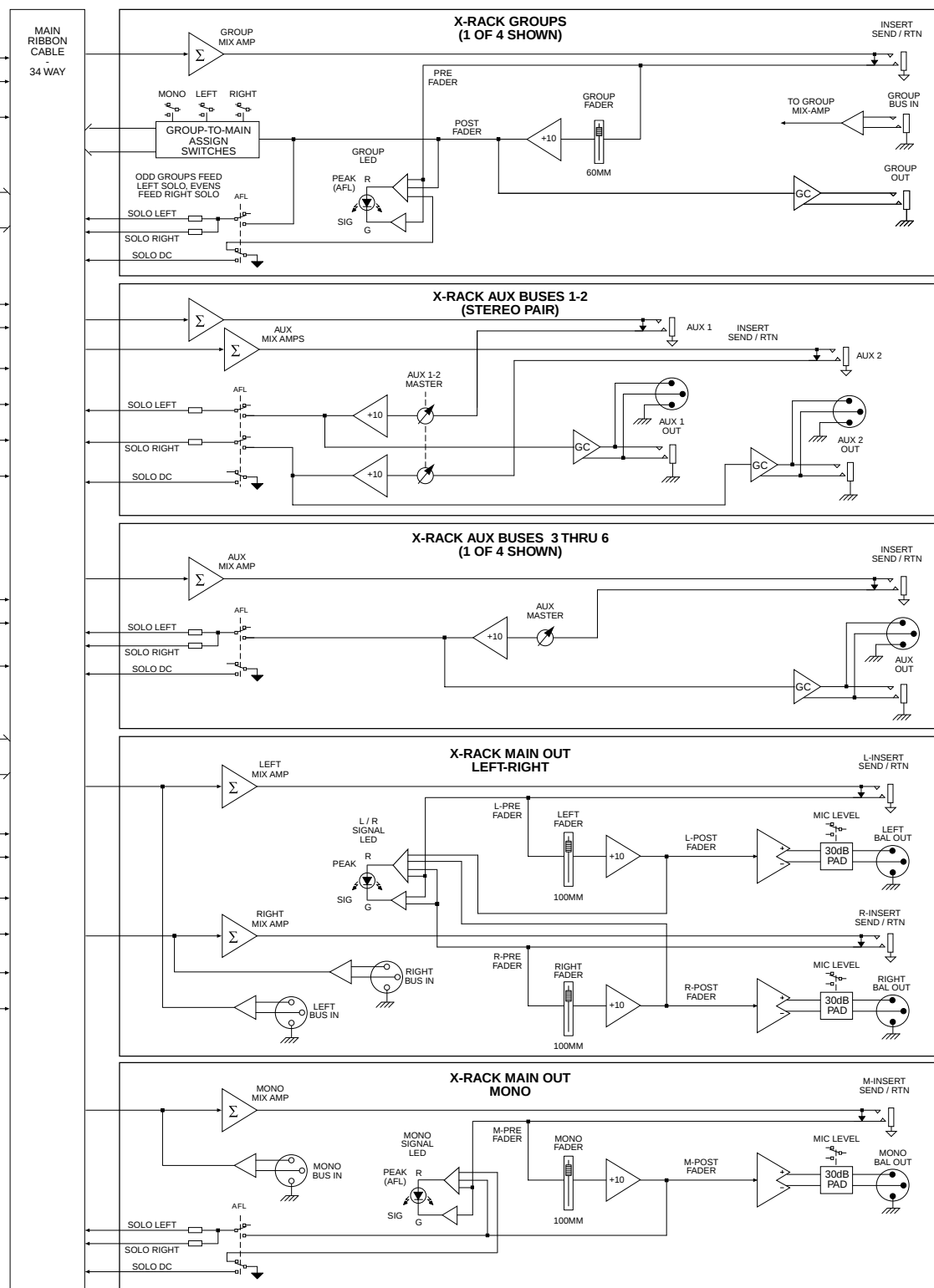
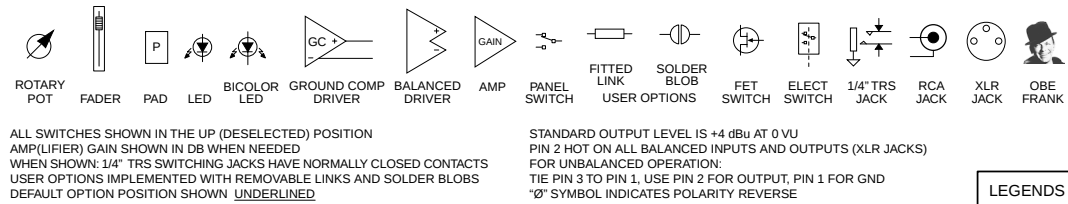
8 Mono Inputs • 8 Stereo Inputs







FOR MODELS:
XR-20 : 12 MONO / 4 STEREO
XR-24: 8 MONO / 8 STEREO



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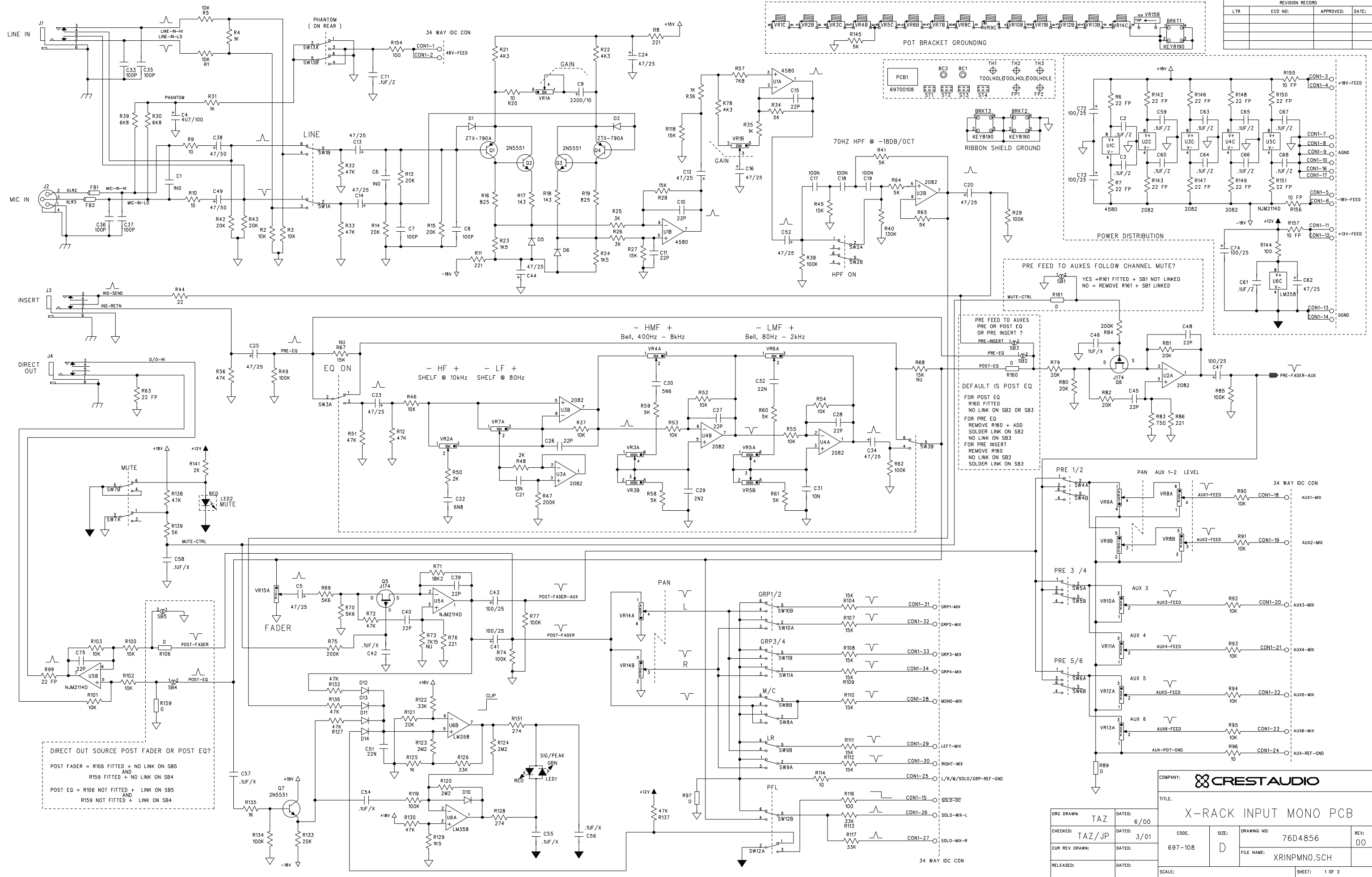
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

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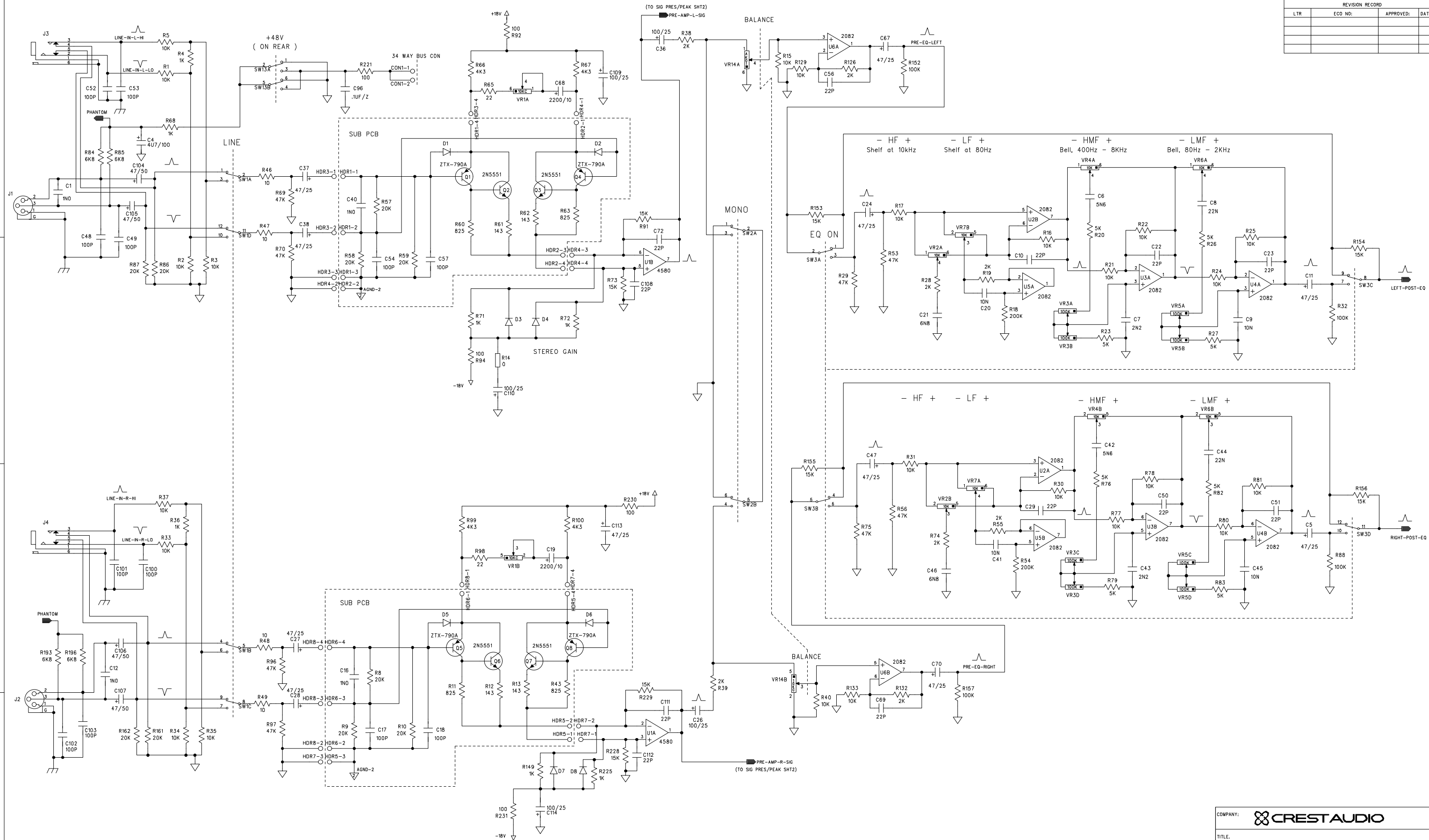
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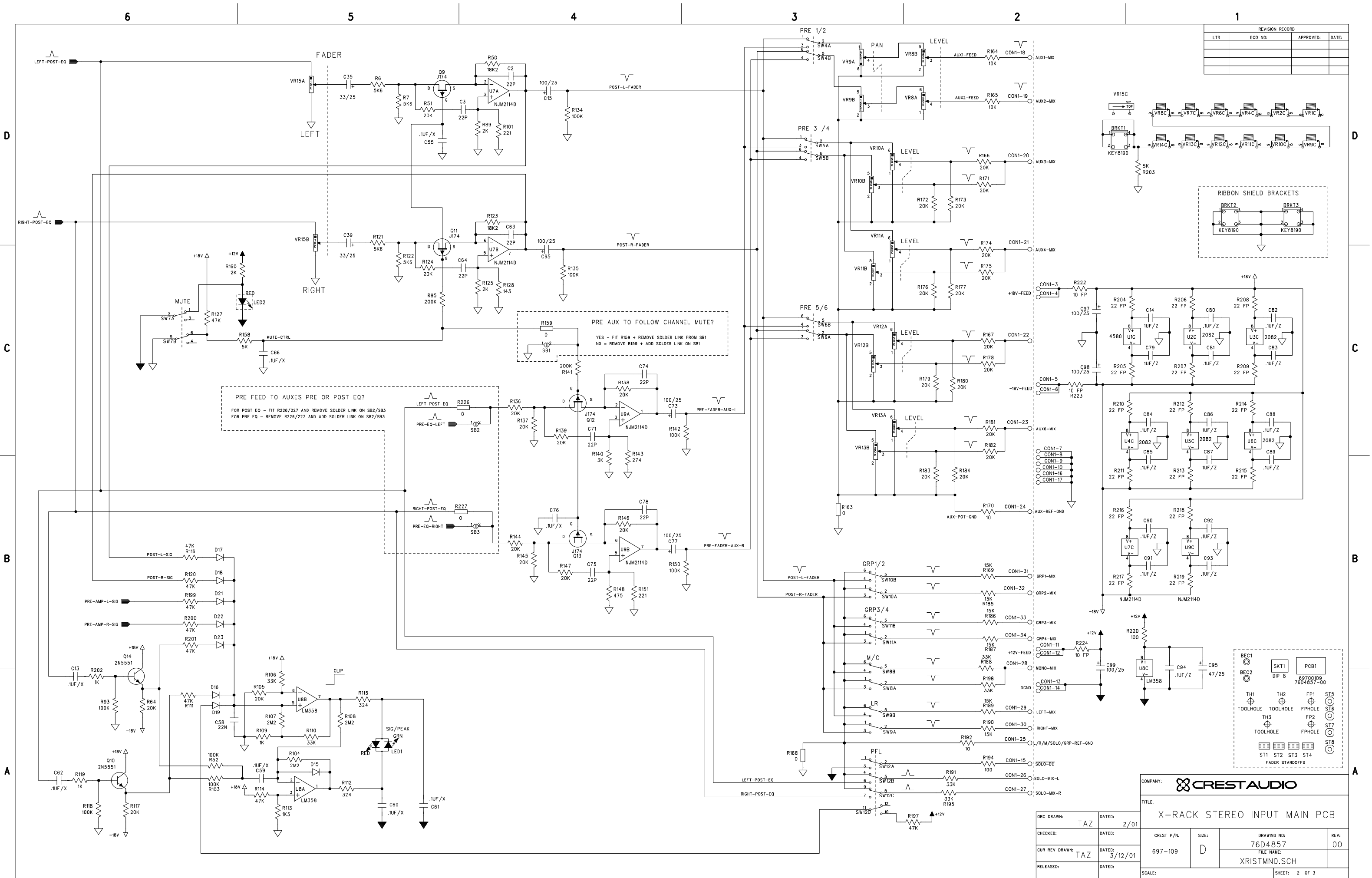


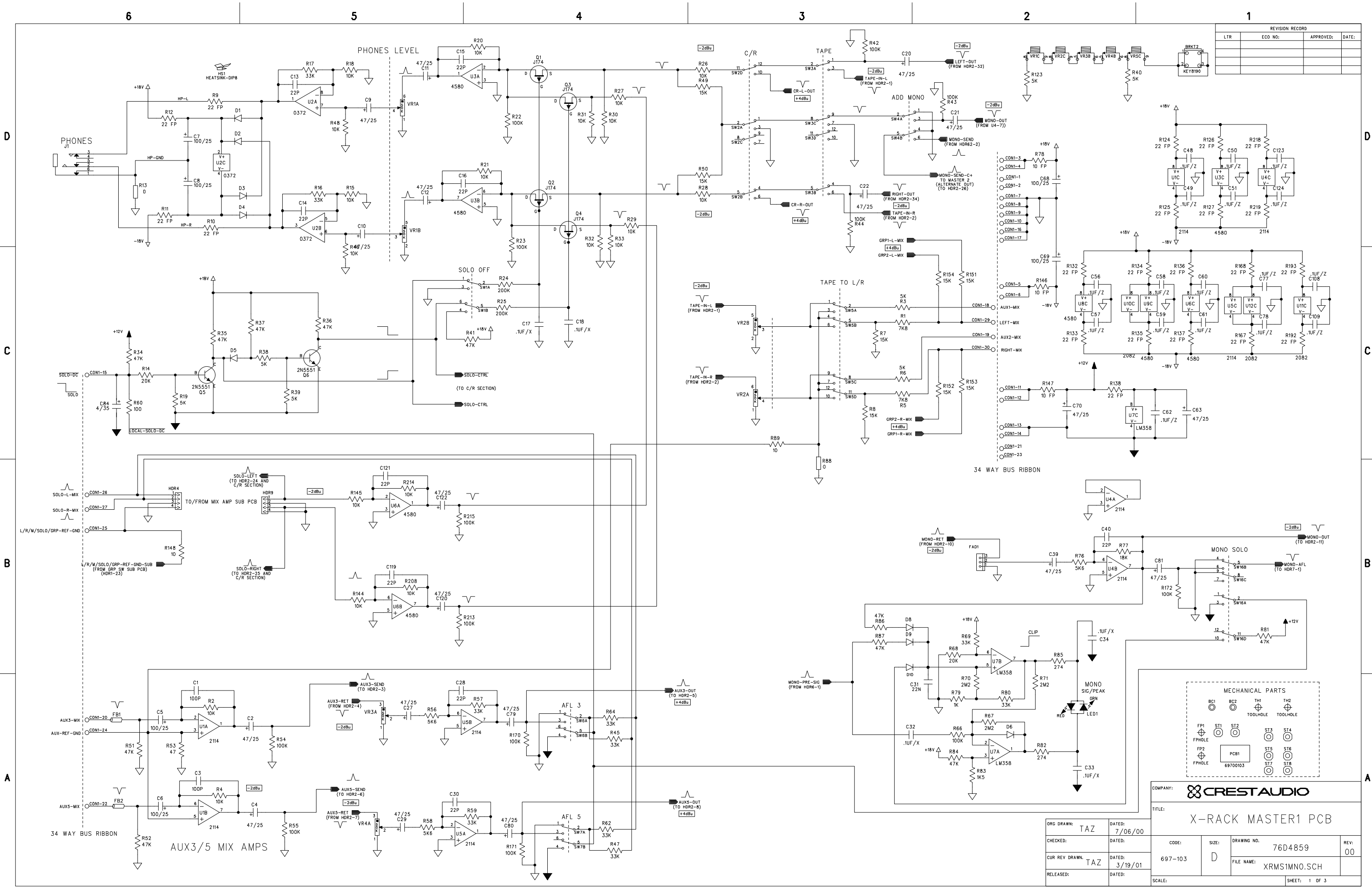
COMPANY: CRESTAUDIO

TITLE: X-RACK STEREO INPUT MAIN PCB

ORG DRAWN: TAZ	DATED: 2/01
CHECKED: TAZ	DATED: 3/12/01
CUR REV DRAWN: TAZ	DATED: 3/12/01
RELEASED:	DATED:

CREST P/N: 697-109	SIZE: D	DRAWING NO: 76D4857	REV: 00
FILE NAME: XRSTMNO.SCH	SCALE:	SHEET: 1 OF 3	

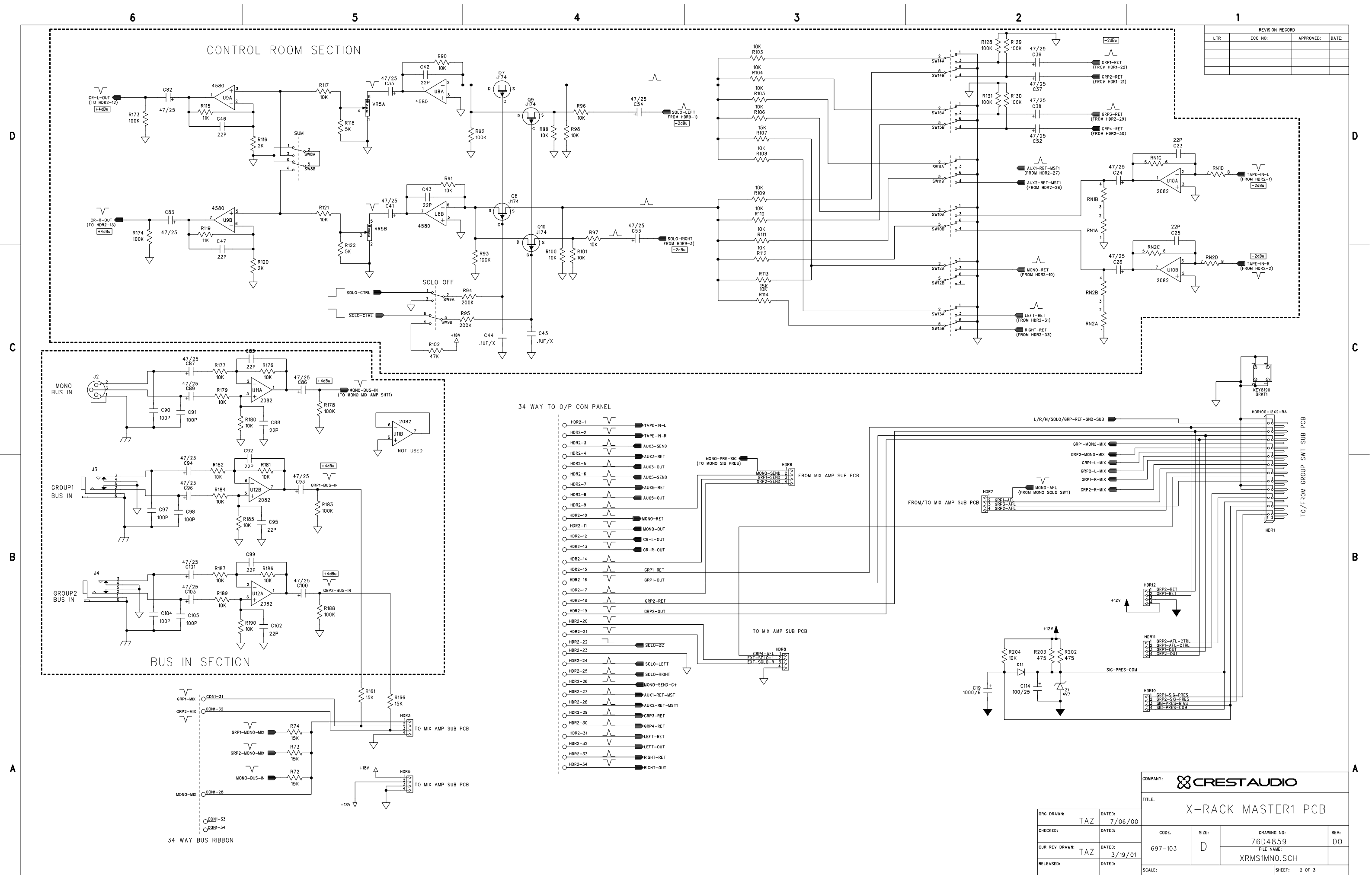


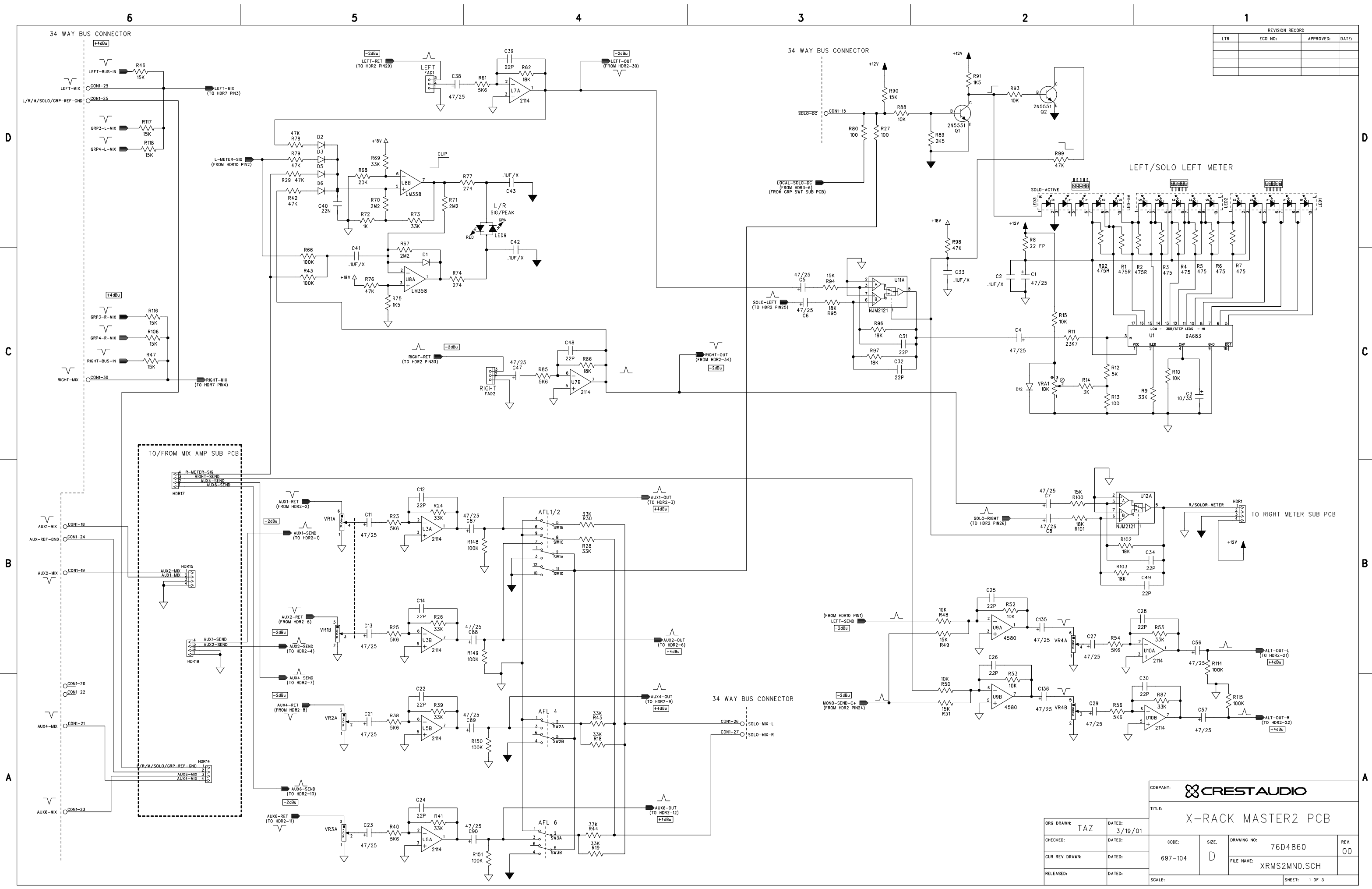


REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

BC1	BC2	TH1	TH2
FP1	ST1	ST2	ST3
FP2	ST4	ST5	ST6
FP3	ST7	ST8	ST9

COMPANY: CRESTAUDIO		TITLE: X-RACK MASTER1 PCB	
ORD DRAWN: TAZ	DATED: 7/06/00	CODE: 697-103	SIZE: D
CHECKED: TAZ	DATED: 3/19/01	DRAWING NO. 76D4859	REV: 00
CUR REV DRAWN: TAZ	DATED: 3/19/01	FILE NAME: XRMS1MNO.SCH	
RELEASED:	DATED:	SCALE:	SHEET: 1 OF 3





REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

LEFT/SOLO LEFT METER

TO RIGHT METER SUB PCB

COMPANY: 			
TITLE: X-RACK MASTER2 PCB			
ORG DRAWN: TAZ	DATED: 3/19/01	CODE: 697-104	SIZE: D
CHECKED:	DATED:	DRAWING NO: 76D4860	REV. 00
CUR REV DRAWN:	DATED:	FILE NAME: XRMS2MN0.SCH	
RELEASED:	DATED:	SCALE:	SHEET: 1 OF 3

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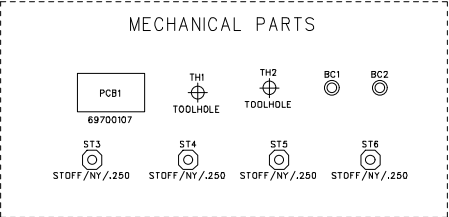
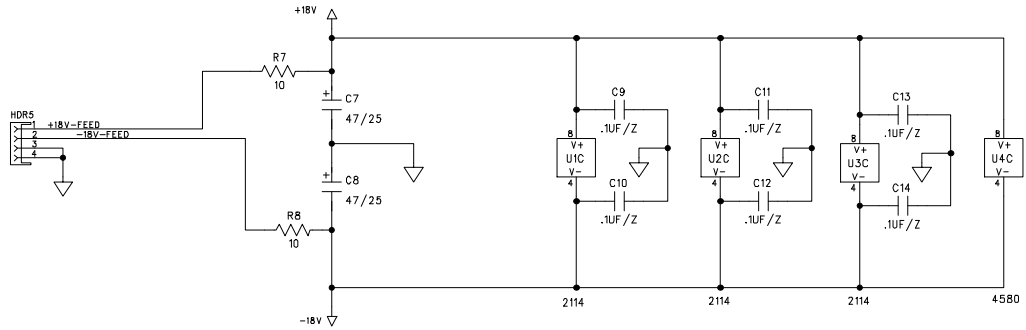
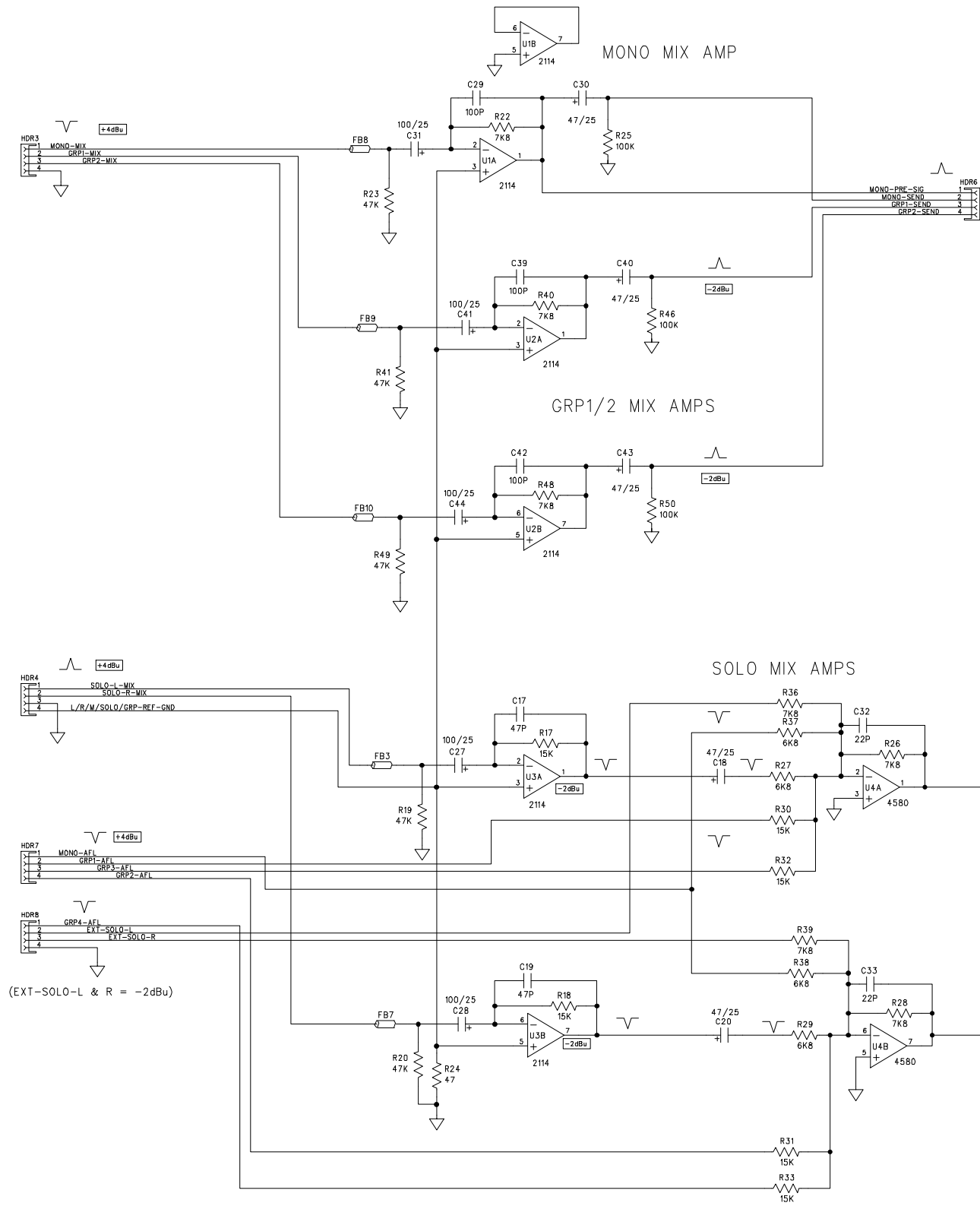
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



ORG DRAWN: TAZ		DATED: 3/19/01		COMPANY: CRESTAUDIO	
CHECKED:		DATED:		TITLE: X-RACK MASTER SUB PCB'S	
CUR REV DRAWN:		DATED:		MASTER1 MIX SUB PCB	
RELEASED:		DATED:		CODE: 697-107	
				SIZE: D	
				DRAWING NO: 76D4863	
				FILE NAME: XRMS1MN0.SCH	
				REV: 00	
				SCALE:	
				SHEET: 1 OF 3	

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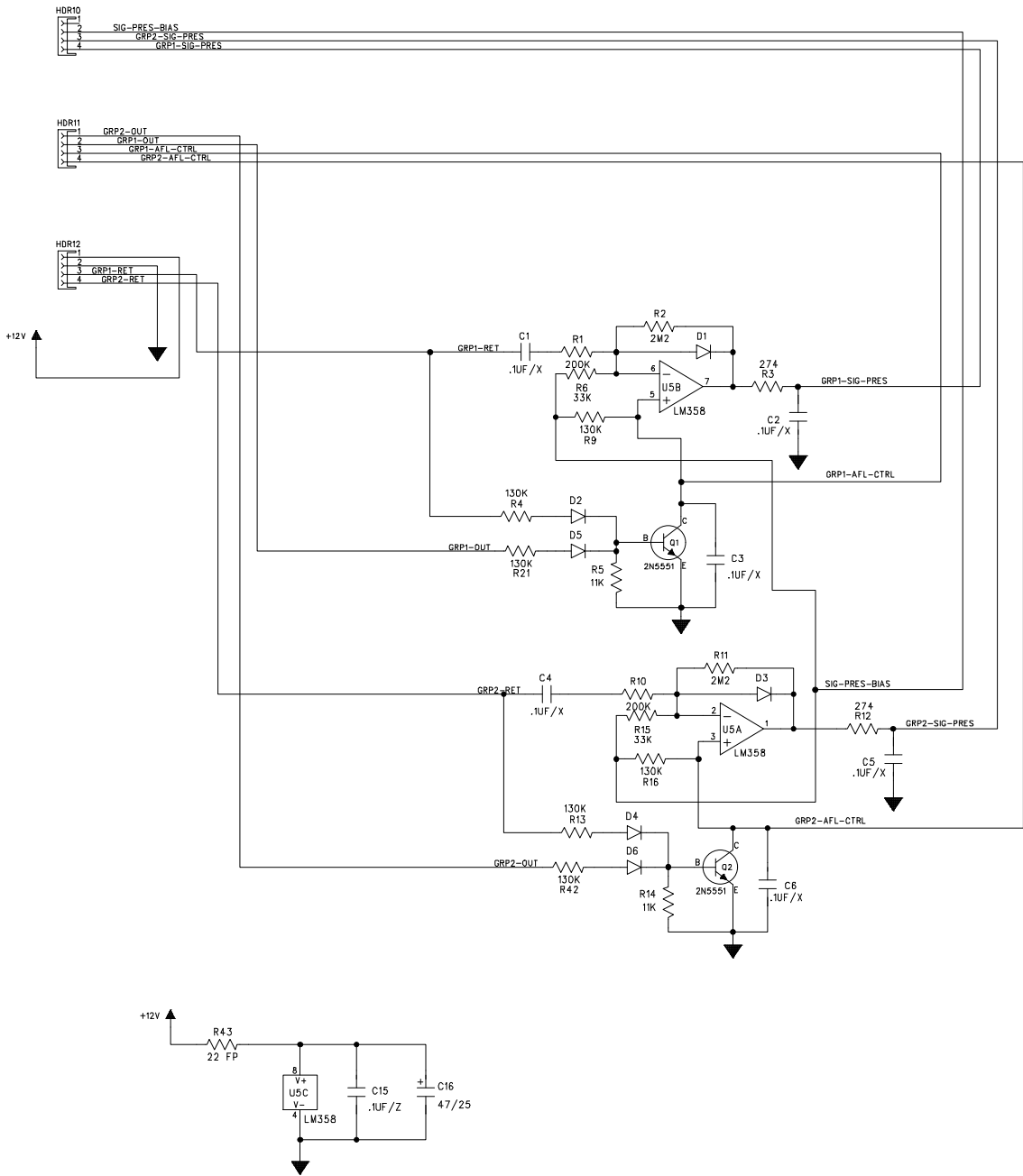
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



MECHANICAL PARTS	
S18 STOFF / NY / .250	S17 STOFF / NY / .250

COMPANY:		CREST AUDIO			
TITLE:		X-RACK MASTER SUB PCB'S X-RACK MASTER1 SIG PRES SUB PCB			
ORG DRAWN:	DATE:	CODE:	SIZE:	DRAWING NO:	REV:
TAZ	3/19/01	697-107	D	76D4863	00
CUR REV DRAWN:	DATE:	FILE NAME:		XRMSMSB0.SCH	
RELEASED:	DATE:	SCALE:		SHEET: 2 OF 3	

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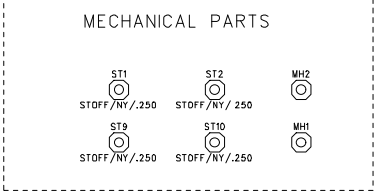
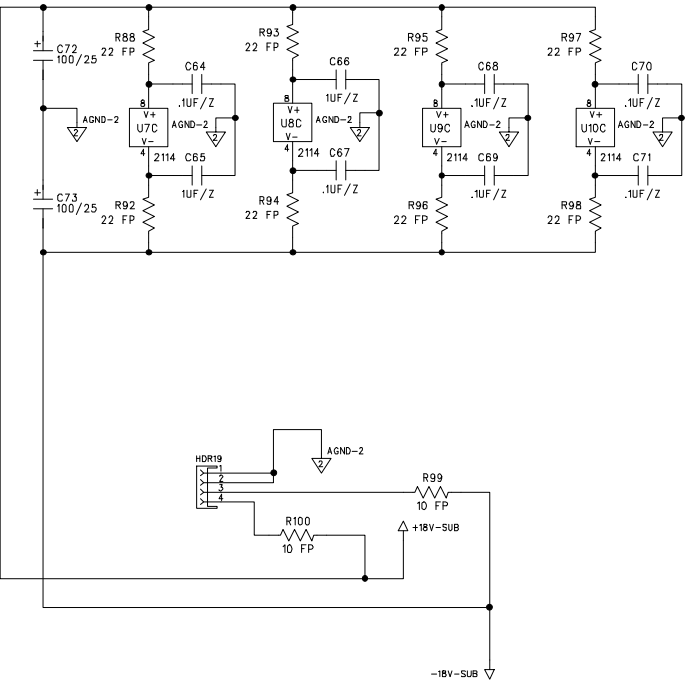
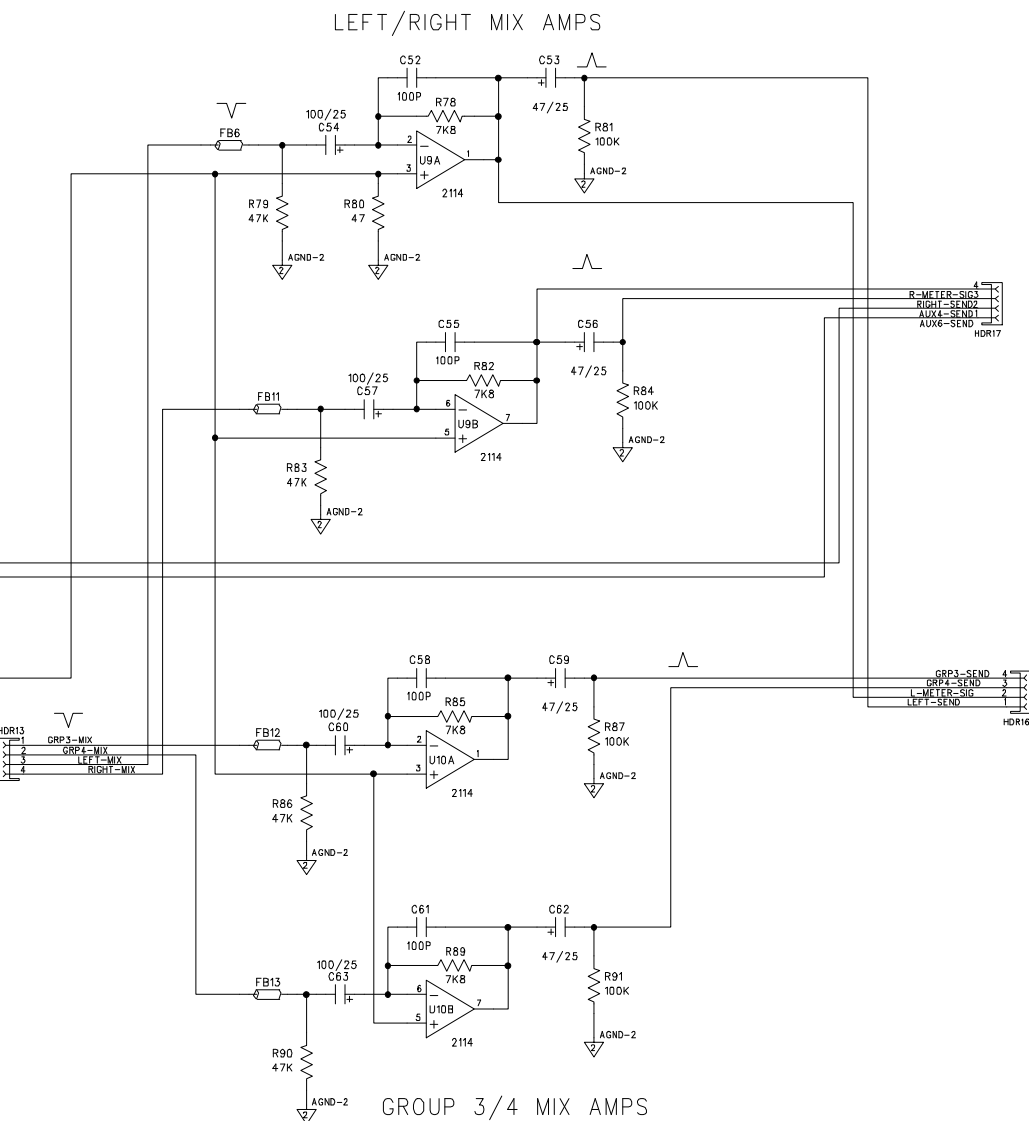
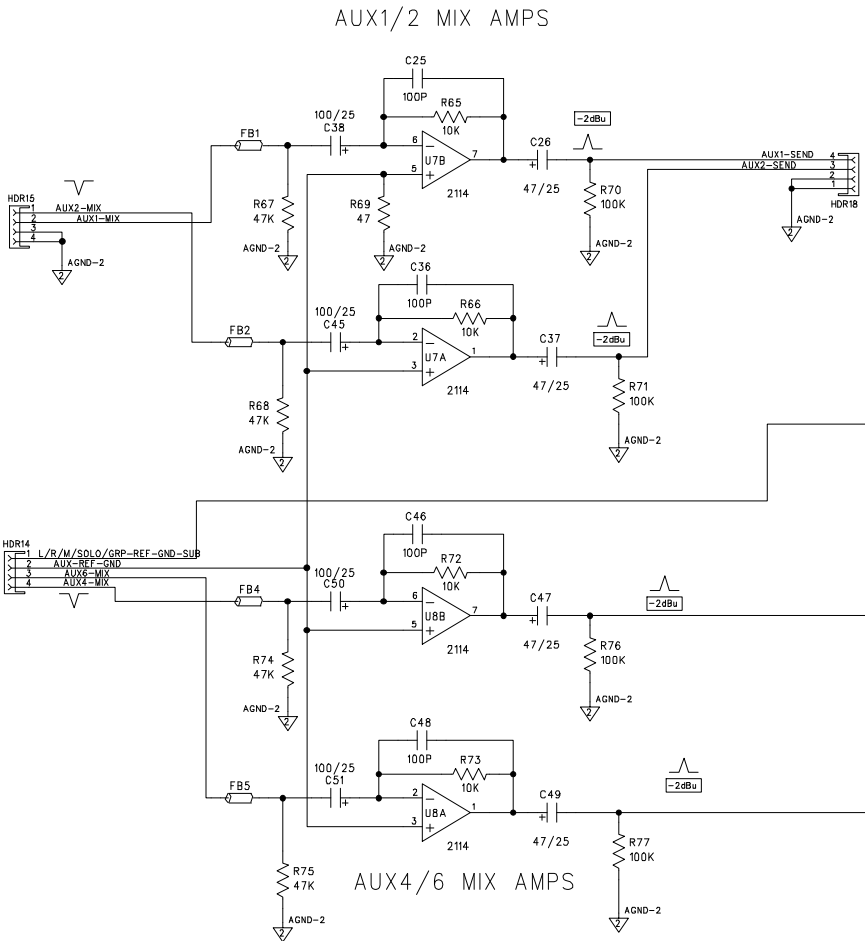
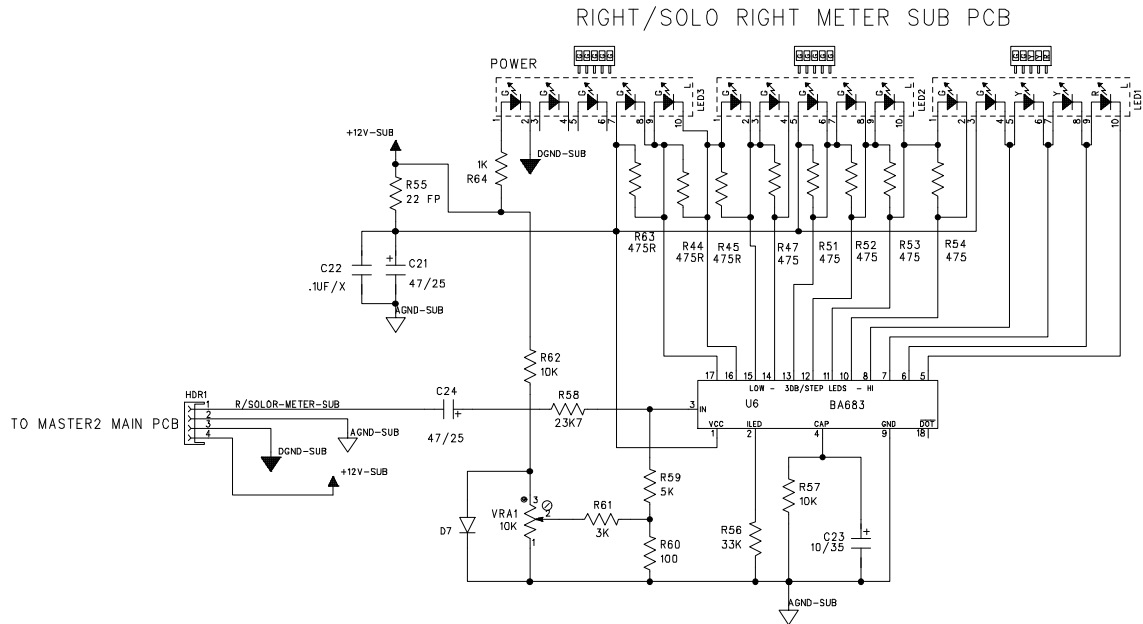
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

REVISION RECORD					
REV LEVEL	ASMBLY LEVEL	DATE	ECO	ENG.	DESCRIPTION
A	A	09/00		TAZ	PROTOTYPE BUY
A	B	12/1/00	DCO 1217	TAZ	CHANGE TO PROTOTYPE CHANGE R37,R38, FROM 15K0 TO 6K81 CHANGE R27,R29, FROM 7K15 TO 6K81 REPLACE C34, C35 WITH LINK REMOVE R34, R35 CHANGE R1, R10 FROM 100K0 TO 200K0 CHANGE R59 FROM 3K01 TO 4K99 CHANGE C31,C41,C44,C27,C28,C38,C45,C50,C51,C54,C57,C60,C63 FROM 1000U/6V TO 100U/25-UM
B	A	12/1/00	1218	TAZ	NEW REV PCB TO FIX PITCH ON 100U/25-UM CAPS
00	A	3/19/01	ECO 4246	TAZ	NEW REV PCB FOR PRODUCTION RELEASE CHANGED FABRICATION INFO (ADDED MANUF LOT #/NO "X" OUTS.



ORG DRAWN: TAZ		DATED: 3/19/01		COMPANY: CRESTAUDIO	
CHECKED:		DATED:		TITLE: X-RACK MASTER SUB PCB'S (MASTER2 MIX/DSPLY PCB)	
CUR REV DRAWN:		DATED:		CODE: 697-107	SIZE: D
RELEASED:		DATED:		DRAWING NO: 76D4863	REV: 00
				FILE NAME: XRMSMSB0.SCH	
				SCALE:	SHEET: 3 OF 3

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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:
	DC01207		

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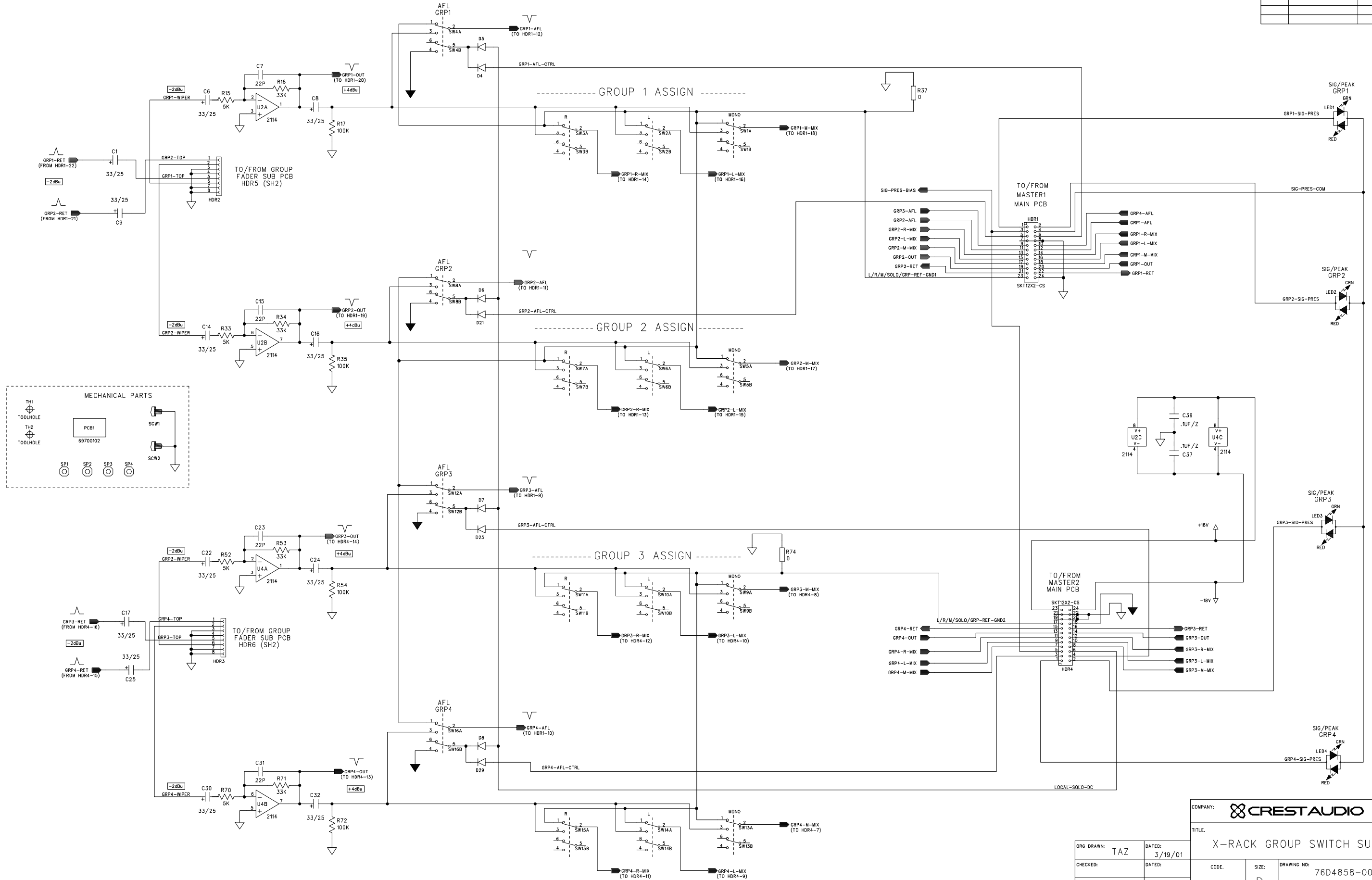
C

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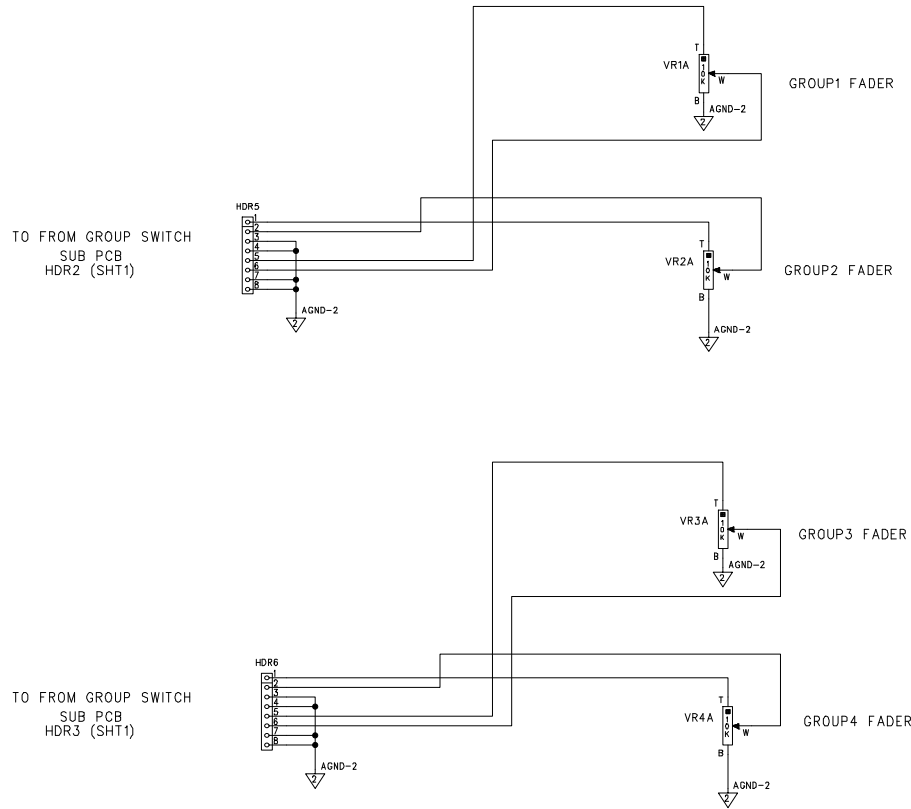
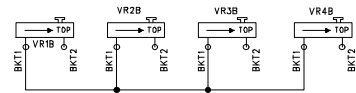
B

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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



REVISION RECORD					
REV LEVEL	ASMBLY LEVEL	DATE	ECO	ENG.	DESCRIPTION
A	A	9/00		TAZ	
A	B	11/27/00		TAZ	MISSING AGND ON FADER BOTTOMS, FLOOD IS BROKEN. HAND MOD
B	A	11/27/00	DCO 1210	TAZ	NEW REV PCB GROUP OUT FEEDS ARE FED PRE O/P CAP, REDUCE SIG PRES DIST CHASSIS GROUND FOR FADERS LINKED ONLY TO ONE PIN FOR ROUTING .
B	B	12/20/00	DCO 1226	TAZ	CHANGED LED SPACERS SP1 -SP4 FROM 5/8 TO 13MM
B	C	12/20/00	DCO 1226	TAZ	CHANGED LED SPACERS SP1 -SP4 FROM 13MM TO 15MM
B	A	12/20/00	ECO 4246	TAZ	NEW REV PCB FOR RELEASE TO PRODUCTION CHANGED FABRICATION INFO (ADDED MANUF LOT NUMBER/NO "X"OUTS)

ORG DRAWN: TAZ
CHECKED:
CUR REV DRAWN:
RELEASED:

DATED: 3/19/01
DATED:
DATED:
DATED:

COMPANY: CRESTAUDIO
TITLE: X-RACK GROUP SUB PCB (FADER PCB)
CODE: 697-102
SIZE: D
DRAWING NO: 76D4858
FILE NAME: XRGRSWS0.SCH
SCALE:

REV: 00
SHEET: 2 OF 2

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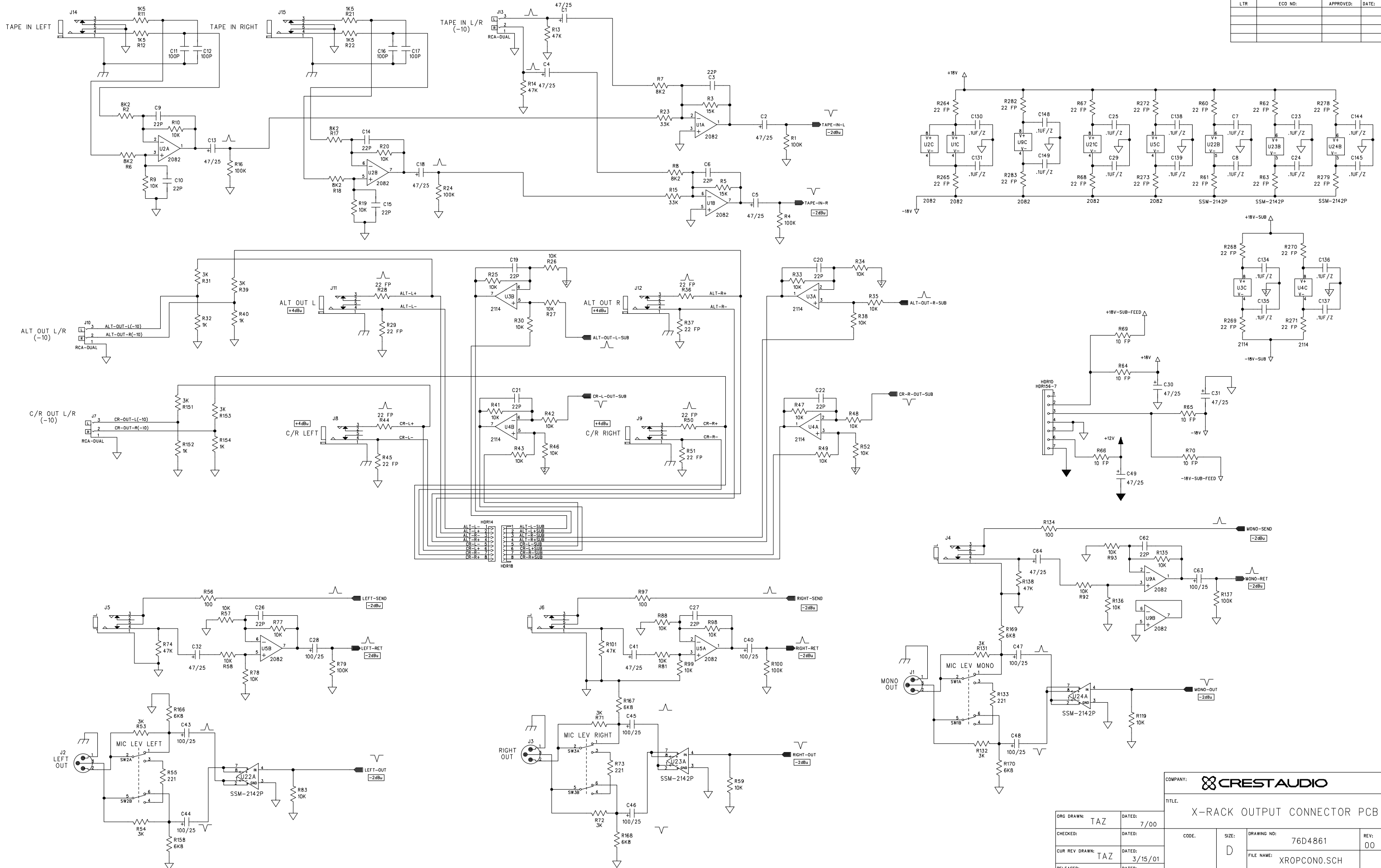
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

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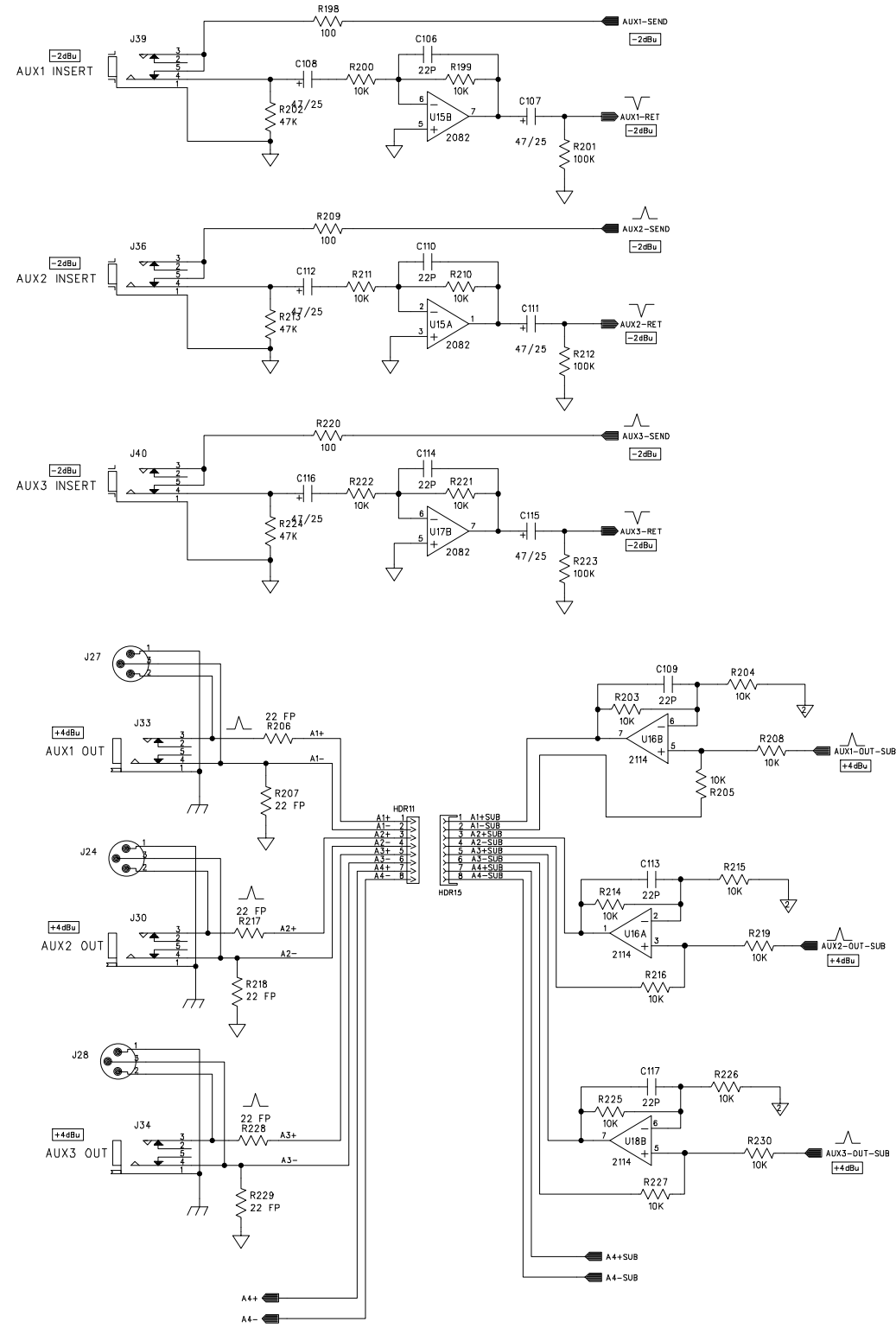
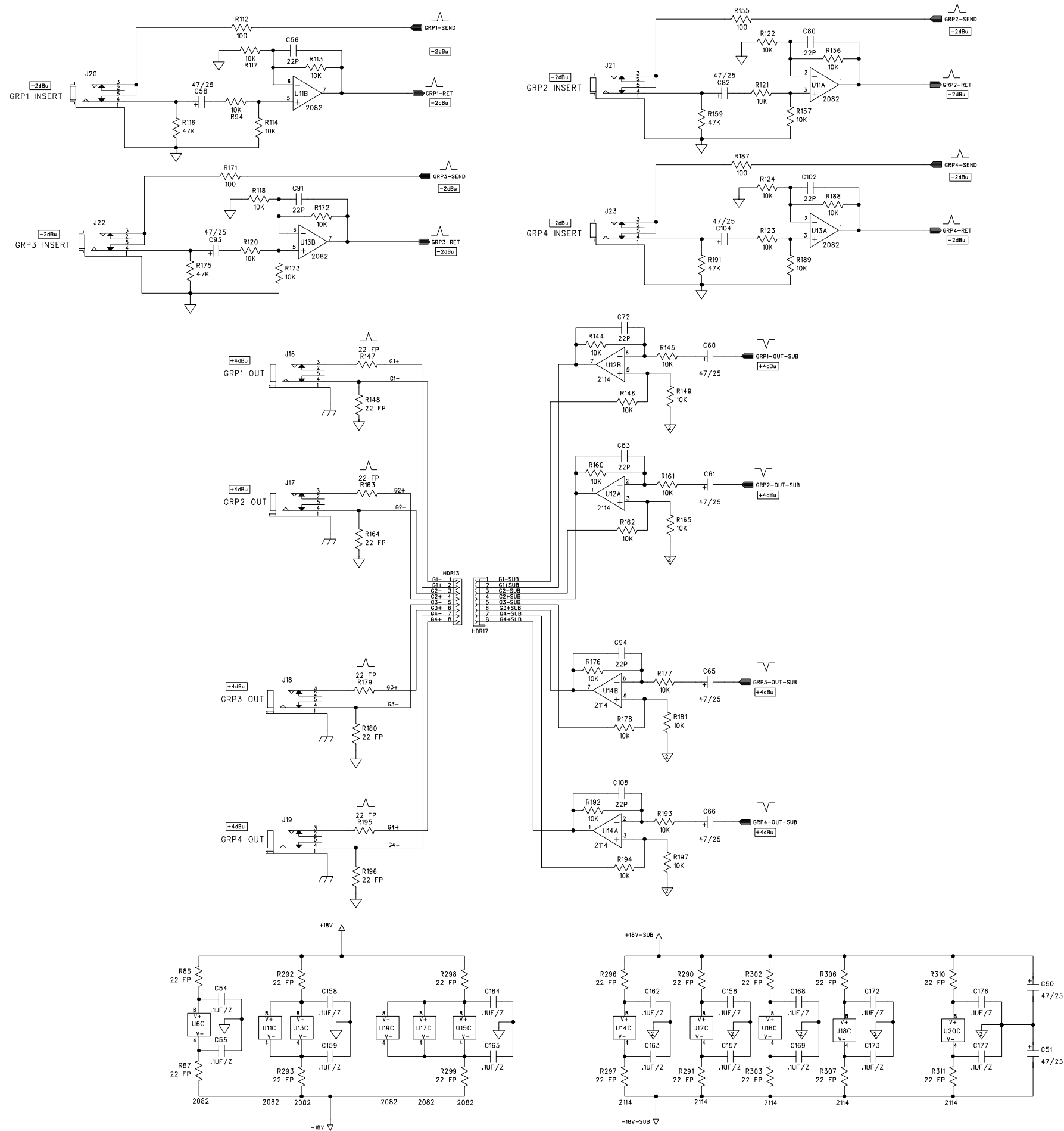
C

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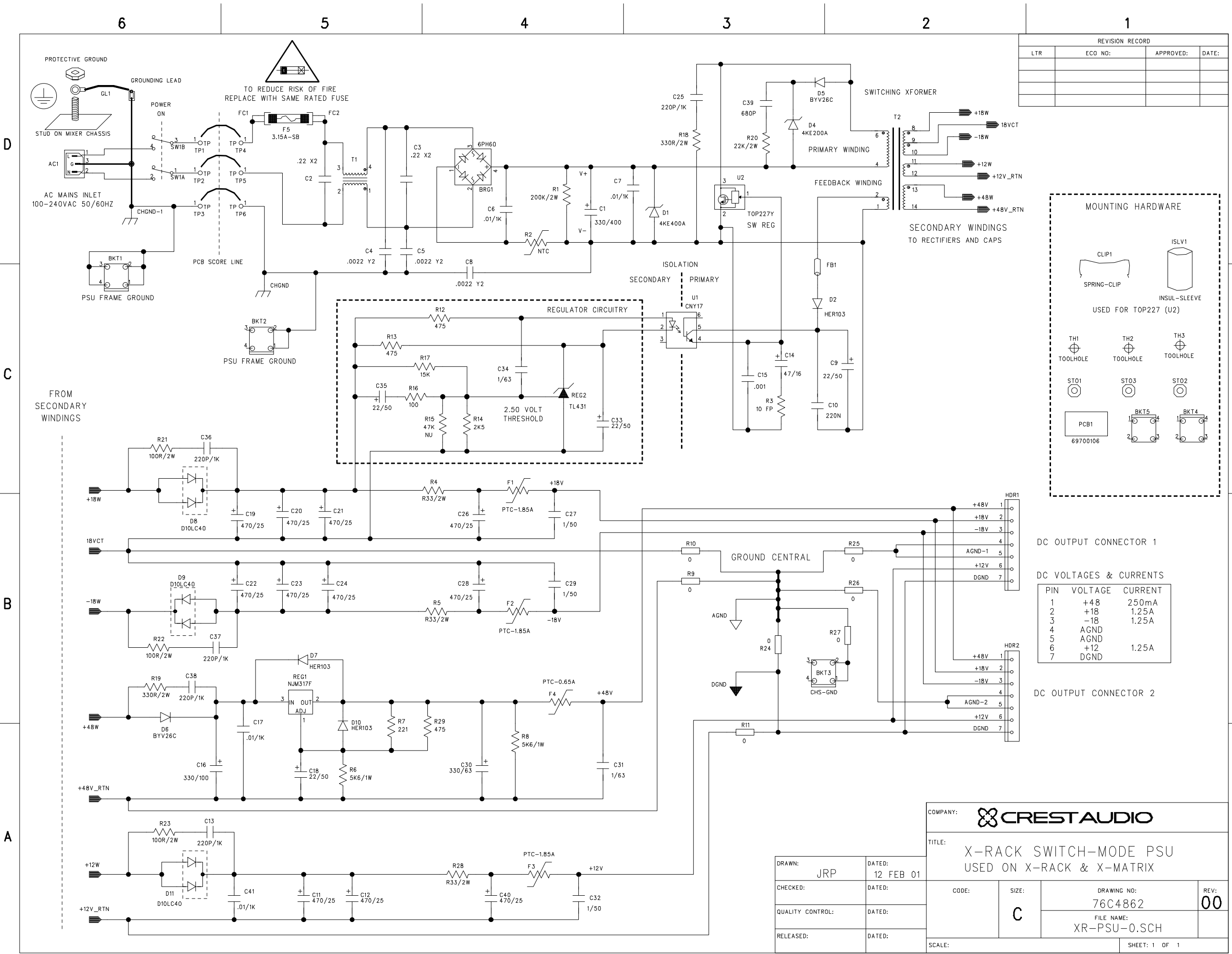
A



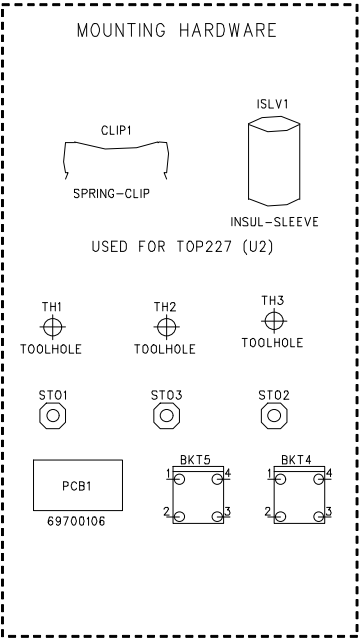
COMPANY: CRESTAUDIO

TITLE: X-RACK OUTPUT CONNECTOR PCB

ORG DRAWN: TAZ	DATED: 7/00	CODE: D	SIZE: D	DRAWING NO: 76D4861	REV: 00
CHECKED: TAZ	DATED: 3/15/01	FILE NAME: XROPCON0.SCH	SCALE: 1:1	SHEET: 2 OF 4	



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



DC OUTPUT CONNECTOR 1

DC VOLTAGES & CURRENTS

PIN	VOLTAGE	CURRENT
1	+48	250mA
2	+18	1.25A
3	-18	1.25A
4	AGND	
5	AGND	
6	+12	1.25A
7	DGND	

DC OUTPUT CONNECTOR 2

COMPANY: **CREST AUDIO**

TITLE: **X-RACK SWITCH-MODE PSU
USED ON X-RACK & X-MATRIX**

DRAWN:	DATED:
JRP	12 FEB 01
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

CODE:	SIZE:	DRAWING NO:	REV:
	C	76C4862	00
		FILE NAME:	
		XR-PSU-0.SCH	
SCALE:	SHEET: 1 OF 1		