

NOTES

- 1) CAUTION! SHOCK HAZARD!!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH .1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 4) CIRCUIT GROUND --- LED GROUND --- CHASSIS GROUND ---

CAUTION:

THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

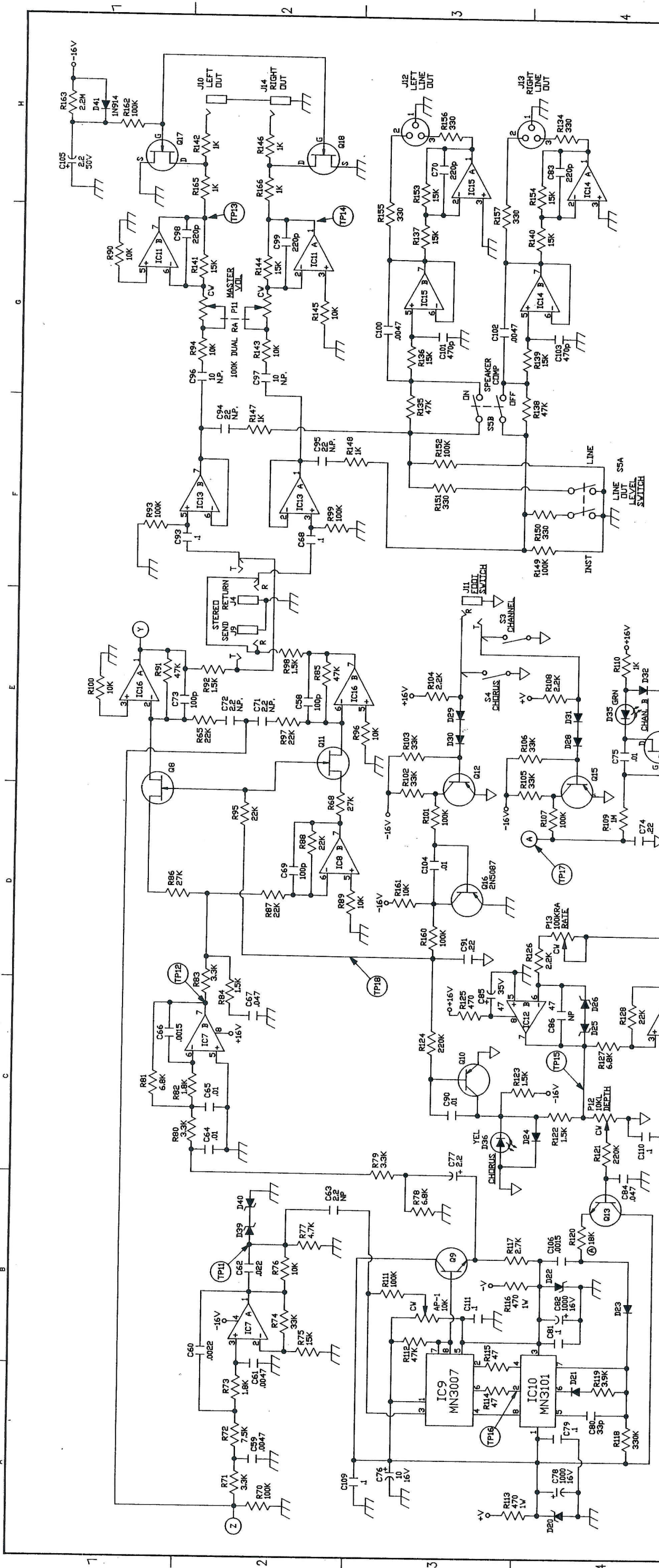
REV	DATE	BY	CHK'D	DESCRIPTION
1	2/28/91	SWR		REVISIONS TO SLO-BLOW CHANGED TO 1/16A
2				TO BE DISCHARGED. R120 FROM 15K TO 10K

DRAWN:	ML	DATE:	08/27/90
CHK'D:	TEK	PROJECT NAME:	XLP PREAMP
APP'D:	TEK	ISSUED:	02/15/91
		PLOT DATE:	02/25/91
		PLOT TIME:	09:58:23
		FILE NAME:	1627501A

SCALE:	NONE
SHEET:	1 of 2

SCHEMATIC DRAWING

DRAWING NO. 16-275-01



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CHANNEL A:		CHANNEL B:		SPECIAL CONDITIONS	
T.P.	WAVE	VOLTAGES	WAVE	VOLTAGES	
1	165mVpp	60mVpp			
2	.85Vpp				
3	10Vpp 3Vdc				
4	6Vpp -3Vdc				
5	4Vpp 1Vdc				
6	3Vpp -1Vdc				
7					
8					
9	3Vpp (.7Vpp)	1.3Vpp			
10	3Vpp	1.3Vpp (.4Vpp)			
11	10Vpp	1.3Vpp			
12	6Vpp	2Vpp			
13	9Vpp	2.5Vpp			
14	8Vpp	4Vpp			
15	6Vpp	6Vpp			
16	15Vpp	15Vpp			
17	-15Vpp	0Vdc			
18	-10Vpp	0Vdc			

DESIGNATOR	DESCRIPTION	PART NUMBER	DESIGNATOR	DESCRIPTION	PART NUMBER
D1-D2	1N4754	21A754-01	P10	10KA	70-103-22
D3-D4	1N4754	21A754-01	P11	100K DUAL RA	70-104-26
D5-D6	1N4754	21A754-01	P12	10K	70-132-01
D7-D8	1N4754	21A754-01	P13	100KRA	70-104-23
D9-D10	1N4754	21A754-01	AP-1	10K TRIM	71-103-02
D11-D12	1N4754	21A754-01	IC6	MN3007	37-538-01
D13-D14	1N4754	21A754-01	IC7	MN3101	37-458-01
D15-D16	1N4754	21A754-01	IC8	MN3007	37-538-01
D17-D18	1N4754	21A754-01	IC9	MN3101	37-307-01
D19-D20	1N4754	21A754-01	IC10	MN3007	37-307-01
D21-D22	1N4754	21A754-01	IC11	MN3101	37-458-01
D23-D24	1N4754	21A754-01	IC12	MN3007	37-458-01
D25-D26	1N4754	21A754-01	IC13	MN3101	37-458-01
D27-D28	1N4754	21A754-01	IC14	MN3007	37-458-01
D29-D30	1N4754	21A754-01	IC15	MN3101	37-458-01
D31-D32	1N4754	21A754-01	IC16	MN3007	37-458-01
D33-D34	1N4754	21A754-01	IC17	MN3101	37-458-01
D35-D36	1N4754	21A754-01	IC18	MN3007	37-458-01
D37-D38	1N4754	21A754-01	IC19	MN3101	37-458-01
D39-D40	1N4754	21A754-01	IC20	MN3007	37-458-01
D41-D42	1N4754	21A754-01	IC21	MN3101	37-458-01
D43-D44	1N4754	21A754-01	IC22	MN3007	37-458-01
D45-D46	1N4754	21A754-01	IC23	MN3101	37-458-01
D47-D48	1N4754	21A754-01	IC24	MN3007	37-458-01
D49-D50	1N4754	21A754-01	IC25	MN3101	37-458-01
D51-D52	1N4754	21A754-01	IC26	MN3007	37-458-01
D53-D54	1N4754	21A754-01	IC27	MN3101	37-458-01
D55-D56	1N4754	21A754-01	IC28	MN3007	37-458-01
D57-D58	1N4754	21A754-01	IC29	MN3101	37-458-01
D59-D60	1N4754	21A754-01	IC30	MN3007	37-458-01
D61-D62	1N4754	21A754-01	IC31	MN3101	37-458-01
D63-D64	1N4754	21A754-01	IC32	MN3007	37-458-01
D65-D66	1N4754	21A754-01	IC33	MN3101	37-458-01
D67-D68	1N4754	21A754-01	IC34	MN3007	37-458-01
D69-D70	1N4754	21A754-01	IC35	MN3101	37-458-01
D71-D72	1N4754	21A754-01	IC36	MN3007	37-458-01
D73-D74	1N4754	21A754-01	IC37	MN3101	37-458-01
D75-D76	1N4754	21A754-01	IC38	MN3007	37-458-01
D77-D78	1N4754	21A754-01	IC39	MN3101	37-458-01
D79-D80	1N4754	21A754-01	IC40	MN3007	37-458-01
D81-D82	1N4754	21A754-01	IC41	MN3101	37-458-01
D83-D84	1N4754	21A754-01	IC42	MN3007	37-458-01
D85-D86	1N4754	21A754-01	IC43	MN3101	37-458-01
D87-D88	1N4754	21A754-01	IC44	MN3007	37-458-01
D89-D90	1N4754	21A754-01	IC45	MN3101	37-458-01
D91-D92	1N4754	21A754-01	IC46	MN3007	37-458-01
D93-D94	1N4754	21A754-01	IC47	MN3101	37-458-01
D95-D96	1N4754	21A754-01	IC48	MN3007	37-458-01
D97-D98	1N4754	21A754-01	IC49	MN3101	37-458-01
D99-D100	1N4754	21A754-01	IC50	MN3007	37-458-01
D101-D102	1N4754	21A754-01	IC51	MN3101	37-458-01
D103-D104	1N4754	21A754-01	IC52	MN3007	37-458-01
D105-D106	1N4754	21A754-01	IC53	MN3101	37-458-01
D107-D108	1N4754	21A754-01	IC54	MN3007	37-458-01
D109-D110	1N4754	21A754-01	IC55	MN3101	37-458-01
D111-D112	1N4754	21A754-01	IC56	MN3007	37-458-01
D113-D114	1N4754	21A754-01	IC57	MN3101	37-458-01
D115-D116	1N4754	21A754-01	IC58	MN3007	37-458-01
D117-D118	1N4754	21A754-01	IC59	MN3101	37-458-01
D119-D120	1N4754	21A754-01	IC60	MN3007	37-458-01
D121-D122	1N4754	21A754-01	IC61	MN3101	37-458-01
D123-D124	1N4754	21A754-01	IC62	MN3007	37-458-01
D125-D126	1N4754	21A754-01	IC63	MN3101	37-458-01
D127-D128	1N4754	21A754-01	IC64	MN3007	37-458-01
D129-D130	1N4754	21A754-01	IC65	MN3101	37-458-01
D131-D132	1N4754	21A754-01	IC66	MN3007	37-458-01
D133-D134	1N4754	21A754-01	IC67	MN3101	37-458-01
D135-D136	1N4754	21A754-01	IC68	MN3007	37-458-01
D137-D138	1N4754	21A754-01	IC69	MN3101	37-458-01
D139-D140	1N4754	21A754-01	IC70	MN3007	37-458-01
D141-D142	1N4754	21A754-01	IC71	MN3101	37-458-01
D143-D144	1N4754	21A754-01	IC72	MN3007	37-458-01
D145-D146	1N4754	21A754-01	IC73	MN3101	37-458-01
D147-D148	1N4754	21A754-01	IC74	MN3007	37-458-01
D149-D150	1N4754	21A754-01	IC75	MN3101	37-458-01
D151-D152	1N4754	21A754-01	IC76	MN3007	37-458-01
D153-D154	1N4754	21A754-01	IC77	MN3101	37-458-01
D155-D156	1N4754	21A754-01	IC78	MN3007	37-458-01
D157-D158	1N4754	21A754-01	IC79	MN3101	37-458-01
D159-D160	1N4754	21A754-01	IC80	MN3007	37-458-01
D161-D162	1N4754	21A754-01	IC81	MN3101	37-458-01
D163-D164	1N4754	21A754-01	IC82	MN3007	37-458-01
D165-D166	1N4754	21A754-01	IC83	MN3101	37-458-01
D167-D168	1N4754	21A754-01	IC84	MN3007	37-458-01
D169-D170	1N4754	21A754-01	IC85	MN3101	37-458-01
D171-D172	1N4754	21A754-01	IC86	MN3007	37-458-01
D173-D174	1N4754	21A754-01	IC87	MN3101	37-458-01
D175-D176	1N4754	21A754-01	IC88	MN3007	37-458-01
D177-D178	1N4754	21A754-01	IC89	MN3101	37-458-01
D179-D180	1N4754	21A754-01	IC90	MN3007	37-458-01
D181-D182	1N4754	21A754-01	IC91	MN3101	37-458-01
D183-D184	1N4754	21A754-01	IC92	MN3007	37-458-01
D185-D186	1N4754	21A754-01	IC93	MN3101	37-458-01
D187-D188	1N4754	21A754-01	IC94	MN3007	37-458-01
D189-D190	1N4754	21A754-01	IC95	MN3101	37-458-01
D191-D192	1N4754	21A754-01	IC96	MN3007	37-458-01
D193-D194	1N4754	21A754-01	IC97	MN3101	37-458-01
D195-D196	1N4754	21A754-01	IC98	MN3007	37-458-01
D197-D198	1N4754	21A754-01	IC99	MN3101	37-458-01
D199-D200	1N4754	21A754-01	IC100	MN3007	37-458-01