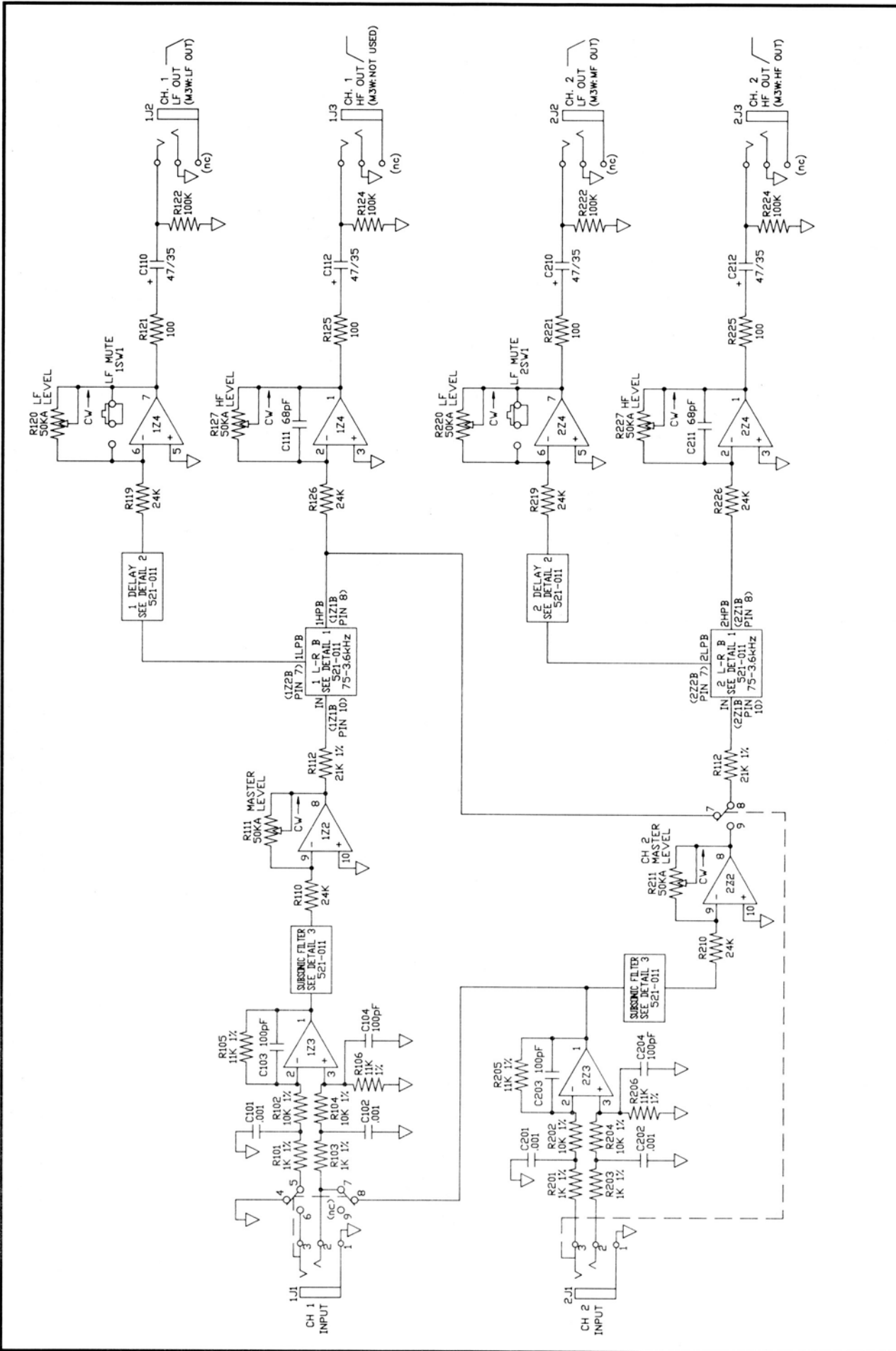


V. SCHEMATICS

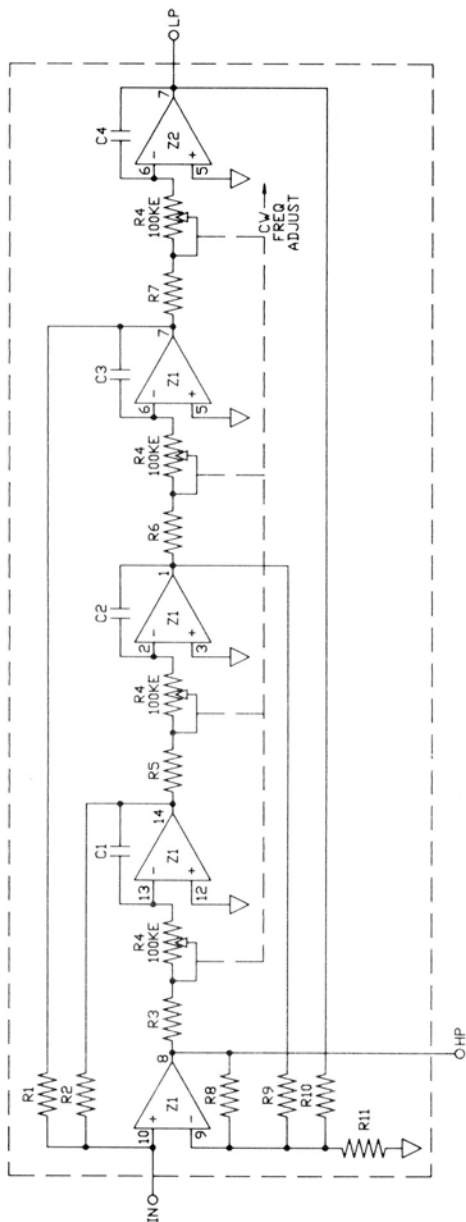


REV. ACTION		DATE	APPROVED	DO NOT SCALE DRAWING	
DRAWN S. TURNIDGE	DATE 14APR88	CHECKED A. CLAXTON	DATE 21APR88	SHEET 1	OF 2
TITLE				AC 22 SCHEMATIC	
DRW. NO.				521-010	
REV.				E	

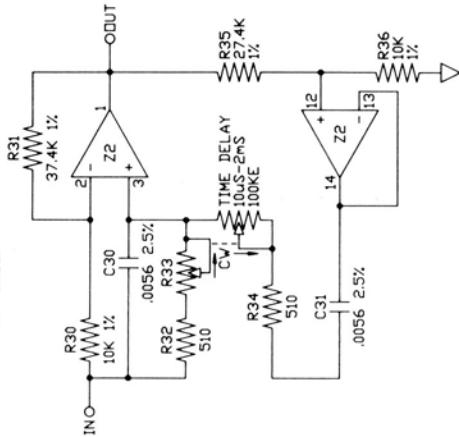
RANCO

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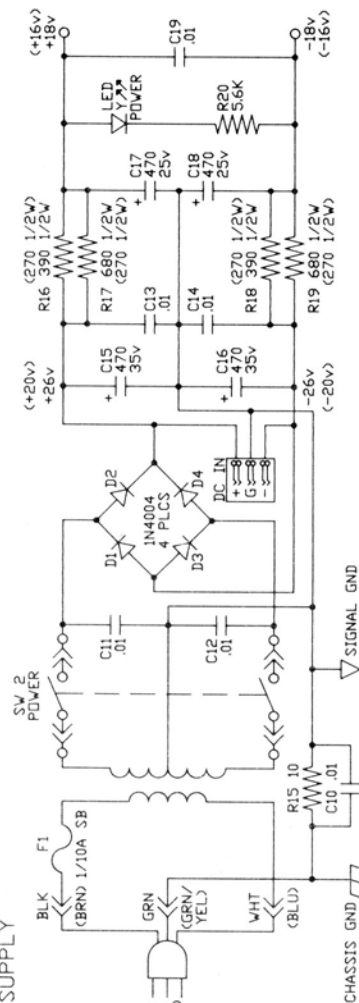
DETAIL 1: TYPICAL LINKWITZ-RILEY CROSSOVER CIRCUIT



DETAIL 2: TYPICAL DELAY



POWER SUPPLY



AC22 SHOWN, AC23 SAME EXCEPT WHERE NOTED BY PARENTHESIS.

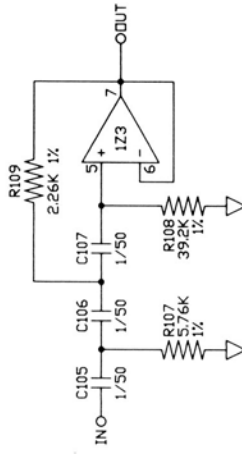
NOTES (UNLESS OTHERWISE NOTED)

1. ALL RES 1/4W, 1% METAL FILM 5% CARBON FILM.
2. ALL CAPS IN μ F/100
3. POWER SUPPLY CONNECTIONS:
4. ALL SWs SHOWN IN THEIR 'OUT' OR 'OFF' POSITION
5. IC TYPES: Z3, Z4, Z5 = 4072
Z1, Z2 = 4156

COMPONENT DESIGNATION PROTOCOL

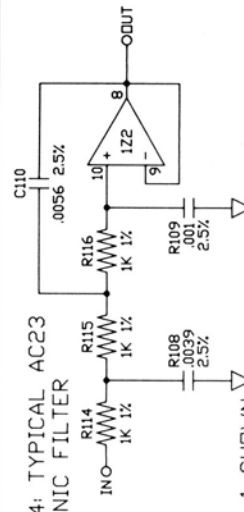
- COMMON PARTS NUMBERED 1-99
CHI PARTS- EITHER PREFIX '1' OR 100-199
CH2 PARTS- EITHER PREFIX '2' OR 200-299
ALL VALUES SUFFIXED 'A' REFER TO FREQ RANGE 70Hz-1kHz
ALL VALUES SUFFIXED 'B' REFER TO FREQ RANGE 75Hz-36kHz
ALL VALUES SUFFIXED 'C' REFER TO FREQ RANGE 450Hz-7kHz
EXAMPLE: '1R1A' -CHANNEL 1 -FREQ RANGE 70Hz-1kHz

DETAIL 3: TYPICAL SUBSONIC FILTER



CHANNEL 1 SHOWN

DETAIL 4: TYPICAL AC23 ULTRASONIC FILTER



CHANNEL 1 SHOWN



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TITLE POWER SUPPLY AND DETAILS
AC22 & AC23

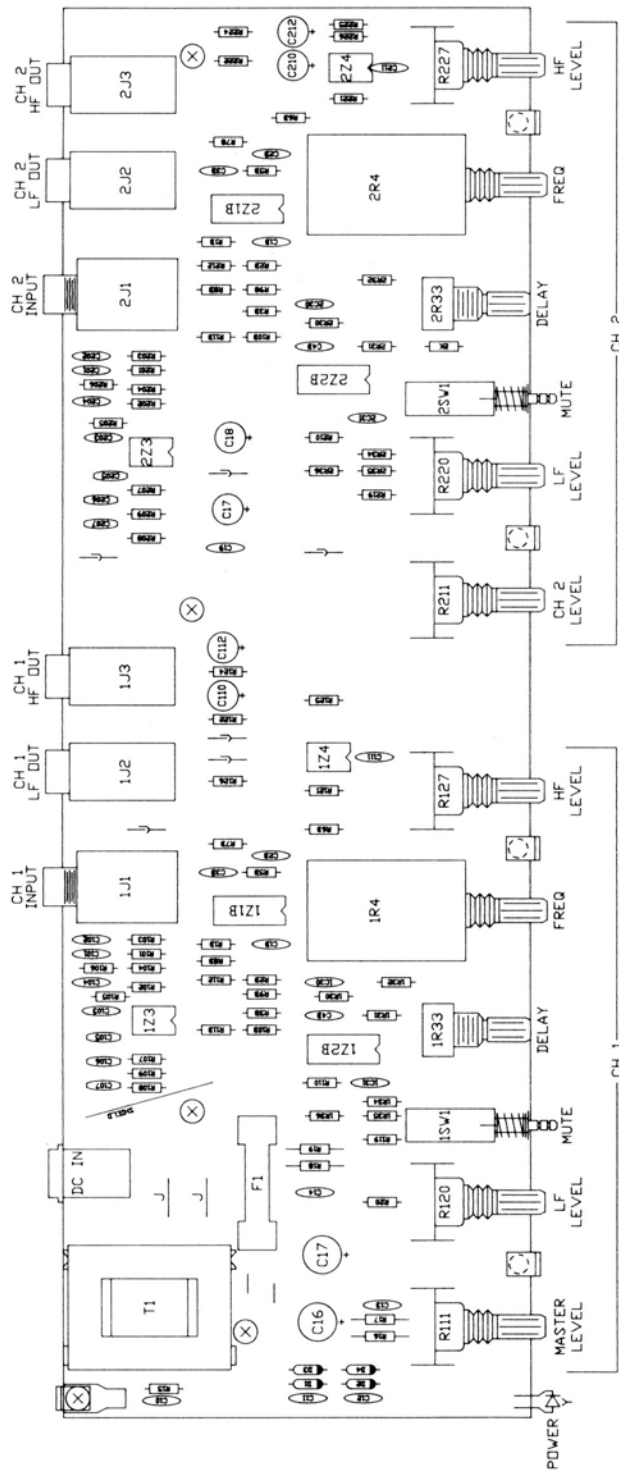
DRW. NO.

521-011

REV.

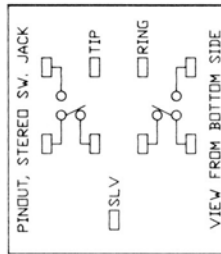
G

REVISIONS	REV.	ACTION	DATE	APPROVED	DO NOT SCALE DRAWING
DRAWN S. TURNIDGE	DATE 18APR88	CHECKED A. CLAXTON	DATE 21APR88	SHEET 2 OF 2	



NOTES—UNLESS OTHERWISE SPECIFIED

1. PINOUT OF 1J1, 2J1 IS:
 - 5 □ 6
 - 4 □ 2
 - 7 □ 3
 - 8 □ 9
 - (BOTTOM VIEW)



										TITLE		AC 22 ASSY			
										DRW. NO.		522-011		REV. E	
										Corp. 10802 47th Avenue West, Everett WA 98204-3400 (206) 355-6000					
REV. E		ACTION REMOVED Q1, Q2, Q3, Q101, Q102, Q201, Q202, R21, R22, R23, C20		DATE 29MAR88		APPROVED AVC									
DRAWN S. TURNIDGE		DATE 24APR87		CHECKED A. CLAXTON		DATE 27APR87		SHEET 1 OF 1		DO NOT SCALE DRAWING					

