



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.

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.

T.P.	100Hz INPUT	1000Hz INPUT	5000Hz INPUT	LO/Hi SEND SET TO B/A	WAVEFORM
1	1.0V_RMS	1.0V_RMS	1.0V_RMS	1.0V_RMS	~
2	0.5V_RMS	1.0V_RMS	1.0V_RMS	1.0V_RMS	~
3	<0.05V_RMS	<0.1V_RMS	1.0V_RMS	<0.1V_RMS	~
4	~0.5V_RMS	1.0V_RMS	<0.1V_RMS	1.0V_RMS	~
5	<0.05V_RMS	<0.1V_RMS	1.0V_RMS	<0.1V_RMS	~
6	<0.05V_RMS	<0.1V_RMS	1.0V_RMS	<0.1V_RMS	~
7	1.0V_RMS	1.0V_RMS	1.0V_RMS	1.0V_RMS	~
8	~0.5V_RMS	1.0V_RMS	1.0V_RMS	1.0V_RMS	~
9	-14VDC	+14VDC	-14VDC	-14VDC	-
10	+14VDC	+14VDC	+14VDC	+14VDC	-
11	<0.5V_RMS	1V_RMS	<0.1V_RMS	1V_RMS	~
12	<0.5V_RMS	1V_RMS	<0.1V_RMS	1V_RMS	~

TEST CONDITIONS:  
SET LOCUT FREQUENCY TO (MAX)  
SET CROSSOVER FREQUENCY TO MAX (2500)  
SET BOTH LOCUT ON  
SET CROSSOVER ON  
SET LO/Hi SEND TO A/B (OUT)  
INPUT TO BOTH INPUTS (PIN 9 & 11)

REV:	DATE:	DESCRIPTION:	ECR/ECN NO.:	CHG'D BY:	APP'D BY:	DATE:
0		CONTROL_ISSUE				
A		INITIAL_ISSUE				
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:		11899 Borman Dr. St. Louis, Missouri 63146		
DRAWN: REM		12-15-98				
CHK'D:		FIRST USED ON:		SPA1400Ca		
RLS'D:		DRAWING TITLE:		CROSSOVER_SCHEMATIC		
TOLERANCES:		DRAWING SIZE: D		DRAWING NO.:		
		DRAWING TYPE: -		07S710-XX		
		CLASS CODE:		SHEET: SHT 1 OF 1		
		SCALE: NONE				