



GAIN A @ 10, SHAPE @ 5, A LEVEL @ 5,
 GAIN B & MASTER, TONES @ 5, OCTAVE @ 0,
 CHANNEL B CLEAN, 500Hz INPUT 60mV p-p
 120VAC NO LOAD

TEST POINT	WAVE SHAPE	A.C. p-p	D.C.	SPECIAL CONDITIONS
1	~	200mV	—	
2	~	150mV	—	
3	~	3.5V	—	CHANNEL A SELECTED
4	~	3V	—	CHANNEL A SELECTED
5	~	1.5V	—	CHANNEL A SELECTED
6	~	200mV	—	
7	~	460mV	—	
8	~	700mV	—	
9	~	500Hz	22V	+/-4V
10	~	250Hz	12V	
11	~	80mV	—	
12	~	15V	—	
13	~	15V	—	
14	—	—	.7V	
15	—	—	.6V	CHANNEL A SELECTED
16	—	—	.6V	CHANNEL B SELECTED
17	—	.2 RIPPLE	21V	CHANNEL A SELECTED
18	—	.2 RIPPLE	-21V	CHANNEL B SELECTED
19	—	—	14V	
20	—	—	-14V	

Ref Des	Device(Type)	Package	C_GND	-VS	+VS	+15V	-15V	-15VX	+15VX
U1	3707201_	8DIP.3				8	4		
U2	3725001_H	TDA20XXH	3	5					
U3	3725001_H	TDA20XXH	3	5					
U4	3707201_	8DIP.3				8	4		
U5	3707201_	8DIP.3				8	4		
U6	3707201_	8DIP.3				8	4		
U7	3707201_	8DIP.3				8	4		
U8	3707201_	8DIP.3				8	4		4
U12	3741301_	14DIP.3	7						14

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.

0	12-18-00	CONTROL ISSUE				
A		INITIAL ISSUE			D000644	
REV	Date	DESCRIPTION	Ecr(s)/Ecrn(s)	Chgd By	Appvd by	Date
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
Signatures:		Date:	 11880 Borman Drive, St. Louis, MO 63146			
Drawn: RLB		6-6-00				
Checked:		First Used On:		BX50a		
Released:						
Tolerance:		Drawing Size: C	Drawing Title:		PWA - BASS AMPLIFIER	
		Drawing Type: Schematic	Drawing Number:			
		Class Code: NONE			07S779-XX	
		Sheet 1 of 2				

