



NOTES:  
1. GOOP IN ACCORDANCE WITH PRODUCTION S.O.P.

CAUTION:  
THIS ASSEMBLY DRAWING 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	DESCRIPTION	Ecr(s)/Ecn(s)	Chgd By	Appvd by	Date
0	1/31/2000	CONTROL ISSUE				
D	12/21/99	VALUE CHANGES	R00277			
C	10/20/99	INITIAL ISSUE				

THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO  
ST. LOUIS MUSIC, INC.

Signatures:	Date:	 11880 Borman Drive, St. Louis, MO 63148
Drawn: REM	10/20/99	
Checked:		
Released:		
Plot Date: Wed Jan 17, 2001	Drawing Size: B	First Used On: BFX50a
Plot Time: 13:17:25	Drawing Type: ASSEMBLY	Drawing Title: PWA-BASS AMPLIFIER
Tolerance:	Class Code: NONE	Drawing Number: 07-447-XX
	Sheet 1 of 1	

<b>0</b>	<b>1/31/00</b>	<b>CONTROL ISSUE</b>		<b>REM</b>		
<b>D</b>	<b>12/21/99</b>	<b>VALUE CHGS</b>	<b>R00277</b>	<b>REM</b>		
<b>C</b>	<b>10/9/99</b>	<b>INITIAL ISSUE</b>				
Rev.	Date	DESC.	ECR(s)/ECN(s)	Chgd by	Appvd by	DATE
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO						
ST. LOUIS MUSIC, INC.						
			SLM Electronics 11880 Borman Drive, St. Louis, MO 63141			
Signatures:		Date:				
Drawn: REM		12/21/99				
Checked:			First Used On:	BFX50a		
Released:						
Tolerance:	Drawing Size:	A	Drawing Title:	PWA-BASS AMPLIFIER		
	Drawing Type:	PL				
	Class Code:		Drawing No.:	07-447-PL		
	Scale:	N/A				

ASSEMBLY PART #

07-447-XX

REVISION 0

ITEM	QTY	REFDES	P/N	DESC
1	1	PWB1	06A446-01	BFX-25/50
2	1	C35	10-332-01	.0033 UF [20% TOL] UL/VDE DISK
3	1	C17	10A101-21	100 pF 200V 10% NPO
4	1	C6	10A102-11	.001 uF 100V 10% X7R
5	2	C11	10A103-11	.01 uF 100V 10% X7R
		C36		
6	3	C12	10A104-01	.1 uF 50V 10% X7R
		C24		
		C25		
7	2	C3	10A221-11	220 pF 100V 10% NPO
		C20		
8	1	C13	10A222-11	.0022uF 100V 10% NPO
9	1	C7	10A472-11	.0047 uF 100V 10% X7R
10	1	C1	10A473-11	.047 uF 100V 10% X7R
11	3	C2	10A560-21	56 pF 200V 5% NPO
		C9		
		C14		
12	1	C21	10F224-03	.22 uF 100V 10% RAD POLY FORMED
13	2	C27	10R104-03	.1 uF 100V 10% RAD POLY
		C28		
14	2	C26	12-478-25	4700 uF 25V 20% EL
		C32		
15	2	C8	12R105-50	1 uF 50V 20% EL
		C10		
16	2	C5	12R106-10	10 uF 100V 20% EL
		C18		
17	2	C33	12R107-32	100 uF 35V 20% EL
		C34		
18	3	C4	12R225-50	2.2 uF 50V 20% EL
		C19		
		C31		
19	1	J5	17-310-02	.156" ST POL MFSS156-2-D HEADER
20	2	J15	17-836-01	.250 PC TAB STBL LOC 6021-6
		J16		
21	8	J6	17-894-01	.187 PC TAB STBL LOC 6024-6
		J7		
		J8		
		J9		
		J10		
		J11		
		J12		
		J13		
22	1	D4	21-501-01	RED LED ASSY, HI EFF.
23	4	D14	21-541-01	1N5401 DIODE/MOTOROLA
		D15		
		D16		
		D17		
24	4	D10	21A402-01	100V PIV 1A .5W
		D11		

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ITEM	QTY	REFDES	P/N	DESC
		D12		
		D13		
25	2	D18	21A444-01	15V 1W ZENER 14 ohm Zz
		D19		
26	7	D1	21A914-01	75V PIV 10mA/1V .5W
		D2		
		D3		
		D6		
		D7		
		D8		
		D9		
27	1	F1	23-301-05	1AMP SLO BLO FUSE 250V
28	2	FC1	23-926-02	Universal Fuse Clip
		FC2		
29	1	SCREW2	30-408-52	4-40 X 1/2 PPHEAD M/S
30	1	NUT4	30-442-52	4-40 A.F. HEXKEPS ASSY
31	2	SCREW3	30-638-53	6-32X3/8 PPH MS SEMS
		SCREW4		
32	2	NUT2	30-700-01	6-32 HEX KEPNUT ASSY
		NUT3		
33	1	HS1	33-133-51	BX-25 HEATSINK BRAKT
34	1	INS2	35-043-01	NYLON BUSHING NATURAL
35	1	INS3	35-575-01	BERQUIST K10-58 INS
36	2	U1	37-072-01	TLO-72CP DUAL OP-AMP
		U4		
37	1	U2	37-250-01	TDA-2050V 30W IC
38	2	J1	39-116-01	T/S JACK HORIZ
		J3		
39	1	J4	39-117-01	TRS JACK HORIZ
40	1	OC4	66-100-01	VTL-5C7 VACTROL
41	2	P4	70-103-91	10K LINEAR [10% TOL]
		P8		
42	1	P7	70-503-61	50K LINEAR [10% TOL]
43	6	P1	70-503-91	10 KL ( 10% TOL )
		P2		
		P3		
		P5		
		P6		
		P9		
44	24	C15	76-000-05	22 GA TINNED COPPER
		C16		
		JW3		
		JW4		
		JW5		
		JW6		
		JW8		
		JW9		
		JW10		
		JW11		
		JW12		

ITEM	QTY	REFDES	P/N	DESC
		JW13		
		JW14		
		JW15		
		JW16		
		JW17		
		JW18		
		JW19		
		JW20		
		JW21		
		JW22		
		JW23		
		JW24		
		JWOPT1		
45	1	R25	76-047-01	4.7 OHM .25W 5% RESISTOR
46	3	R32	76-101-01	100 OHM .25W 5% RESISTOR
		R45		
		R46		
47	5	R4	76-102-01	1K OHM .25W 5% RESISTOR
		R5		
		R8		
		R18		
		R19		
48	4	R7	76-103-01	10K OHM .25W 5% RESISTOR
		R13		
		R14		
		R44		
49	3	R10	76-104-01	100K OHM .25W 5% RESISTOR
		R16		
		R41		
50	1	R23	76-105-01	1M OHM .25W 5% RESISTOR
51	3	R3	76-153-01	15K OHM .25W 5% RESISTOR
		R12		
		R20		
52	1	R9	76-221-01	220 OHM .25W 5% RESISTOR
53	1	R6	76-222-01	2.2K OHM .25W 5% RESISTOR
54	3	R1	76-223-01	22K OHM .25W 5% RESISTOR
		R17		
		R21		
55	1	R2	76-224-01	220K OHM .25W 5% RESISTOR
56	1	R40	76-330-01	33 OHM .25W 5% RESISTOR
57	2	R37	76-471-01	470 OHM .25W 5% RESISTOR
		R38		
58	1	R11	76-472-01	4.7K OHM .25W 5% RESISTOR
59	2	R15	76-473-01	47K OHM .25W 5% RESISTOR
		R22		
60	1	R24	76-681-01	680 OHM .25W 5% RESISTOR
61	1	R31	77-102-03	1K OHM .5W 5% RESISTOR FLAME-PROOF
62	1	R33	77-152-01	1.5K OHM .5W 5% RESISTOR
63	2	R42	77-221-01	220 OHM .5W 5% RESISTOR
		R43		

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ITEM	QTY	REFDES	P/N	DESC
64	1	R39	78-152-01	1.5K 1W 5%
65	1	SW1	88-302-03	MINI PCB DPDT W/1D911 BLACK
66	1	Q1	96R175-01	J175 P-CH 30Vds 3Vgs(off) 125ohmRdsON
67	1	RC1	99-124-02	12 PIN 3 FLAT CABLE
68	1	RC2	99-195-18	8-PIN 180MM ECONOCABLE
69	0		0	0