

1	9/6/00	R79 WAS 10K		RLB		
0	2/18/00	CONTRL ISSUE		WFB		
A	1/29/99	INITIAL ISSUE				
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 63146				
Signatures:		Date:				
Drawn: WFB		2/18/00				
Checked:		First Used On:		B5Ra		
Released:						
Tolerance:	Drawing Size:	A		Drawing Title:	PWA BASS PREAMP	
	Drawing Type:	PL				
	Class Code:			Drawing No.:	07-558-PL	
	Scale:	N/A				

ASSEMBLY PART #

07-558-01

REVISION 1

ITEM	QTY	REFDES	P/N	DESC	VALUE
1	1	PWB1	06A558-01	PWB BASS PREAMP	
2	2	C5	10A101-21	100 pF 200V 10% NPO	100 pF
		C63			
3	2	C20	10A102-11	.001 uF 100V 10% X7R	0.001
		C25			
4	6	C2	10A103-11	.01 uF 100V 10% X7R	0.01
		C23			
		C27			
		C28			
		C33			
		C46			
5	6	C3	10A104-01	.1 uF 50V 10% X7R	0.1
		C11			
		C15			
		C22			
		C50			
		C60			
6	3	C10	10A153-01	.015 uF 50V 10% X7R	0.015
		C34			
		C38			
7	1	C26	10A221-11	220 pF 100V 10% NPO	220 pF
8	2	C45	10A222-11	.0022uF 100V 10% NPO	0.0022
		C59			
9	2	C24	10A223-01	.022 uF 50V 10% X7R	0.022
		C58			
10	3	C16	10A224-01	.22 uF 50V 10% X7R	0.22
		C17			
		C31			
11	3	C12	10A332-01	.0033 uF 100V 10% X7R	0.0033
		C56			
		C67			
12	1	C40	10A333-01	.033 uF 50V 10% X7R	0.033
13	2	C18	10A471-11	470 pF 100V 5% NPO	470 pF
		C37			
14	2	C8	10A472-11	.0047 uF 100V 10% X7R	0.0047
		C32			
15	8	C9	10A473-11	.047 uF 100V 10% X7R	0.047
		C13			
		C14			
		C47			
		C48			
		C49			
		C55			
		C57			
16	3	C4	10A560-21	56 pF 200V 5% NPO	56 pF
		C29			
		C51			
17	5	C19	10F224-03	.22 uF 100V 10% RAD POLY FORMED	0.22
		C42			

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ITEM	QTY	REFDES	P/N	DESC	VALUE
		C43			
		C44			
		C61			
18	1	C1	10R473-03	.047 uF 100V 10% RAD POLY	0.047
19	4	C39	12R105-50	1 uF 50V 20% EL	1
		C41			
		C52			
		C66			
20	4	C21	12R105-51	1 uF 50V 20% EL NP	
		C36			
		C54			
		C65			
21	1	C64	12R106-36	10 uF 35V 20% EL NP	10
22	4	C6	12R225-51	2.2 uF 50V 20% EL NP	2.2
		C7			
		C30			
		C35			
23	2	C53	12R226-82	22 uF 16V 20% EL NP	22
		C62			
24	1	J10	17-105-03	.1 ST POL LOCK MLSS100-3 HEADER	0
25	2	J8	17-105-05	.1 ST POL LOCK MTSS100-5 HEADER"	
		J9			
26	1	J11	17-105-12	.1 ST POL LOCK MTSS100-12 HEADER"	
27	1	D1	21-501-01	RED LED ASSY, HI EFF.	RED
28	1	D2	21-512-01	BILEVEL GRN & RED LED ASSY R.A.	BI-LEVEL
29	4	D3	21A754-01	6.8V .5W ZENER 5 ohm Zz	1N754ARL
		D4			
		D5			
		D6			
30	15	D7	21A914-01	75V PIV 10mA/1V .5W	1N914
		D8			
		D9			
		D10			
		D11			
		D12			
		D13			
		D14			
		D15			
		D16			
		D17			
		D18			
		D19			
		D20			
		D21			
31	3	U3	37-072-01	TLO-72CP DUAL OP-AMP	TLO-72
		U6			
		U7			
32	2	U2	37-074-01	TLO-74 QUAD OP-AMP	TLO-74
		U8			
33	2	U1	37-275-01	OP275GP DUAL OP IC	OP275GP

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ITEM	QTY	REFDES	P/N	DESC	VALUE
		U5			
34	1	U4	37-413-01	CD4013 DUAL FLIP-FLOP CMOS 'D' TYPE	CD4013
35	2	J1	39-114-02	VERT TRS JACK W/SHUNTS L.S. LCKWSH	114BPC
		J2			
36	3	J5	39-116-01	T/S JACK HORIZ	T/S
		J6			
		J7			
37	1	J3	39-117-01	TRS JACK HORIZ	TRS
38	1	J4	39-321-01	BELTON MALE HORIZ XLR	XLR M H
39	2	P3	70-103-22	10K AUDIO 15%@50% (10% TOL)	10K A
		P6			
40	1	P7	70-104-23	100K REV AUDIO 15%@50%	100KRA
41	1	P8	70-133-01	50K LINEAR 30%@50% (10% TOL)	50K LIN
42	1	P9	70-202-22	2K AUDIO 15%@50% (10% TOL)	2K A
43	1	P5	70-254-22	250K AUDIO 5%@50% [10% TOL]	250K A
44	2	P2	70-503-22	50K AUDIO 15%@50% (10% TOL)	50K A
		P4			
45	1	P1	70-503-23	50K REV AUDIO [10% TOL]	50K RA
46	68	JW1	76-000-05	22 GA TINNED COPPER	0
		JW2			
		JW3			
		JW4			
		JW5			
		JW6			
		JW7			
		JW8			
		JW9			
		JW10			
		JW11			
		JW12			
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		JW29			
		JW30			
		JW31			
		JW32			

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REVISION 1

ITEM	QTY	REFDES	P/N	DESC	VALUE
		JW33			
		JW34			
		JW35			
		JW36			
		JW37			
		JW38			
		JW39			
		JW40			
		JW41			
		JW42			
		JW43			
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		JW46			
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		JW61			
		JW62			
		JW63			
		JW64			
		JW65			
		JW66			
		JW67			
		JW68			
47	3	R49	76-101-01	100 OHM .25W 5% RESISTOR	100
		R96			
		R97			
48	13	R3	76-102-01	1K OHM .25W 5% RESISTOR	1K
		R5			
		R25			
		R28			
		R36			
		R50			
		R55			
		R70			
		R78			
		R80			
		R101			

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ITEM	QTY	REFDES	P/N	DESC	VALUE
		R106			
		R108			
49	16	R40	76-103-01	10K OHM .25W 5% RESISTOR	10K
		R41			
		R45			
		R53			
		R58			
		R61			
		R62			
		R63			
		R64			
		R67			
		R74			
		R85			
		R98			
		R99			
		R105			
		R107			
50	14	R6	76-104-01	100K OHM .25W 5% RESISTOR	100K
		R20			
		R23			
		R54			
		R56			
		R72			
		R86			
		R87			
		R88			
		R89			
		R91			
		R100			
		R104			
		R124			
51	7	R19	76-105-01	1M OHM .25W 5% RESISTOR	1M
		R29			
		R37			
		R71			
		R109			
		R110			
		R123			
52	1	R8	76-152-01	1.5K OHM .25W 5% RESISTOR	1.5K
53	1	R1	76-153-01	15K OHM .25W 5% RESISTOR	15K
54	7	R14	76-154-01	150K OHM .25W 5% RESISTOR	150K
		R17			
		R18			
		R24			
		R27			
		R65			
		R111			
55	1	R82	76-182-01	1.8K OHM .25W 5% RESISTOR	1.8K
56	3	R66	76-221-01	220 OHM .25W 5% RESISTOR	220

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ITEM	QTY	REFDES	P/N	DESC	VALUE
		R68			
		R92			
57	7	R9	76-222-01	2.2K OHM .25W 5% RESISTOR	2.2K
		R31			
		R32			
		R43			
		R48			
		R75			
		R102			
58	12	R10	76-223-01	22K OHM .25W 5% RESISTOR	22K
		R11			
		R16			
		R38			
		R44			
		R69			
		R113			
		R115			
		R117			
		R120			
		R121			
		R122			
59	3	R60	76-224-01	220K OHM .25W 5% RESISTOR	220K
		R84			
		R93			
60	2	R81	76-272-01	2.7K OHM .25W 5% RESISTOR	2.7K
		R95			
61	1	R42	76-331-01	330 OHM .25W 5% RESISTOR	330
62	1	R34	76-332-01	3.3K OHM .25W 5% RESISTOR	3.3K
63	2	R51	76-333-01	33K OHM .25W 5% RESISTOR	33K
		R52			
64	1	R90	76-335-01	3.3M OHM .25W 5% RESISTOR	3.3M
65	3	R26	76-471-01	470 OHM .25W 5% RESISTOR	470
		R33			
		R118			
66	4	R30	76-472-01	4.7K OHM .25W 5% RESISTOR	4.7K
		R59			
		R103			
		R114			
67	8	R2	76-473-01	47K OHM .25W 5% RESISTOR	47K
		R7			
		R39			
		R46			
		R47			
		R76			
		R77			
		R119			
68	2	R4	76-474-01	470K OHM .25W 5% RESISTOR	470K
		R83			
69	2	R57	76-682-01	6.8K OHM .25W 5% RESISTOR	6.8K
		R73			

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REVISION 1

ITEM	QTY	REFDES	P/N	DESC	VALUE
70	7	R12	76-683-01	68K OHM .25W 5% RESISTOR	68K
		R15			
		R22			
		R35			
		R94			
		R112			
		R116			
71	3	R13	76-822-01	8.2K OHM .25W 5% RESISTOR	8.2K
		R21			
		R79			
72	2	SW2	88-108-01	5PST ROTARY RA PC MT	STYLE
		SW4			OD_STYLE
73	2	SW1	88-303-02	LTB 2UEE/4UEE NO CAP/ECG DUAL DPDT	MUTE
		SW3			CHANNEL
74	1	T1	94-025-01	PC MT OUTPUT XFMR 4:1	94-025-01
75	1	Q1	96-222-02	MPQ2222A NPN 40V .65W EA. .5A EA.	MPQ2222A
76	1	Q13	96R013-01	MPSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13
77	7	Q5	96R175-01	J175 P-CH 30Vds 3Vgs(off) 125ohmRdsON	J175
		Q6			
		Q7			
		Q9			
		Q10			
		Q11			
		Q14			
78	3	Q2	96R510-01	2N5210 NPN 50V 1.5W 50mA	2N5210
		Q8			
		Q15			
79	1	Q12	96R587-01	2N5087 PNP -50V 1.5W -50mA	2N5087
80	2	Q3	96R588-01	2N5088 NPN 30V 1.5W 50mA	2N5088
		Q4			
81	1	W1	97-168-32	3.5 RED STRIP WIRE"	RED WIRE
82	1	W2	97-168-39	3.5 BLUE STRIP WIRE"	BLUE WIRE