

0	8/28/01	CONTROL ISSUE	N00632			
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		8/27/01				
Checked:				First Used On:		SVPBSPa
Released:						
Tolerance:	Drawing Size:	A		Drawing Title:		BASS PREAMP PWA
	Drawing Type:	PL				
	Class Code:			Drawing No.:		07-542-PL
	Scale:	N/A				

ASSEMBLY PART #

07-542-02

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A542-01	1	SVPBSPa RAW BOARD		
C5	10-104-41	1	.1uF 400V [10% TOL]	0.1	
C31	10-332-01	2	.0033 uF [20% TOL] UL/VDE DISK	0.0033	
C32					
C7	10-473-10	1	047 uF 400V [10% TOL] WIMA MTLPOLY	0.047	
C16	10A101-21	2	100 pF 200V 10% NPO	100 pF	
C29					
C2	10A103-11	1	.01 uF 100V 10% X7R	0.01	
C1	10A104-01	6	.1 uF 50V 10% X7R	0.1	
C4					
C14					
C19					
C49					
C57					
C24	10A152-11	1	.0015 uF 100V 10% X7R	0.0015	
C11	10A153-01	2	.015 uF 50V 10% X7R	0.015	
C28					
C55	10A223-01	1	.022 uF 50V 10% X7R	0.022	
C25	10A332-01	2	.0033 uF 100V 10% X7R	0.0033	
C27					
C15	10A471-11	3	470 pF 100V 5% NPO	470 pF	
C17					
C21					
C10	10A472-11	1	.0047 uF 100V 10% X7R	0.0047	
C12	10A473-11	8	.047 uF 100V 10% X7R	0.047	
C18					
C20					
C41					
C42					
C43					
C44					
C45					
C56	10A474-01	1	.47 uF 50V 20% X7R	0.47	
C59	10A560-21	1	56 pF 200V 5% NPO	56 pF	
C26	10A682-01	1	.0068 uF 100V 10% X7R	0.0068	
C9	10R103-03	1	.01 uF 100V 10% RAD POLY	0.01	
C54	10R104-03	1	.1 uF 100V 10% RAD POLY	0.1	
C6	10R221-04	1	20 pF 400V 10% Z5F DISK RADIAL TAPE	220 pF	
C8	10R222-02	1	.0022 uF 100V 10% RAD POLY	0.0022	
C33	12-107-94	1	100 uF 350V 20% EL	100	
C35	12-108-32	2	1000 uF 35V 20% EL	1000	
C36					
C34	12-476-42	1	47 uF 450V 20% EL	47	
C13	12R105-50	4	1 uF 50V 20% EL	1	
C30					
C39					
C40					
C23	12R105-51	3	1 uF 50V 20% EL NP		
C58					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
C60					
C37	12R106-35	3	10 uF 35V 20% EL	10	
C38					
C51					
C22	12R225-51	5	2.2 uF 50V 20% EL NP	2.2	
C46					
C47					
C50					
C52					
C48	12R226-81	2	22 uF 50V 20% EL NP	22	
C53					
J19	17-101-16	1	16 PIN HEADER .1 SPCNG DUAL	TO OUTPUT BD	
J14	17-105-03	2	.1 ST POL LOCK MLSS100-3 HEADER	TO TUBE BD	
J15				TO MAIN BD	
J16	17-105-04	2	.1 ST POL LOCK MLSS100-4 HEADER		
J17				TO TUBE BD	
J21	17-309-05	2	.156 ST POL MPSS156-5-D HEADER	TO OUTPUT BOARD	
J22				TO MAIN BOARD	
J18	17-310-07	1	.156 ST POL MFSS156-7-D HEADER	FROM XFRMR	
J13	17-450-09	1	9 PIN PC MNT TUBE SOCKET	V 1	
J2	17-604-01	1	.156 ST POL MFSS156-7-D HEADER	AC LINE CONN	
J24	17-894-01	6	.187 PC TAB STBL LOC 6024-6	TO SWITCH	
J25				FM SWITCH	
J26				BLK	
J27				BRN	
J28				BLU	
J29				WHT	
D1	21-501-01	1	RED LED ASSY, HI EFF.	RED	
D2	21-512-01	1	BILEVEL GRN & RED LED ASSY R.A.	BI-LEVEL	CLEAN
D30	21A146-01	2	3.3V .4W ZENER 28 ohm Zz	1N746	0
D31					
D18	21A402-01	10	100V PIV 1A .5W	1N4002	
D19					
D20					
D21					
D22					
D23					
D24					
D25					
D26					
D27					
D10	21A754-01	4	6.8V .5W ZENER 5 ohm Zz	1N754	
D11					
D12					
D13					
D3	21A914-01	23	75V PIV 10mA/1V .5W	1N914	
D4					
D5					
D6					
D7					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
D8					
D14					
D15					
D16					
D17					
D28					
D29					
D32					
D33					
D34					
D35					
D36					
D37					
D38					
D39					
D40					
D41					
D42					
SCRW1	30-638-53	2	6-32X3/8 PPH MS SEMS	11841	
SCRW2					
NUT1	30-700-01	2	6-32 HEX KEPNUT ASSY		
NUT2					
HS1	33-576-01	2	TO-220 CLIP-ON AAVID	0	
HS2					
IC4	37-072-01	4	TLO-72CP DUAL OP-AMP	TLO-72	
IC5					
IC6					
IC7					
IC2	37-260-01	1	NJM2060D QUAD OP AMP	NJM2060D	
IC1	37-275-01	2	OP275GP DUAL OP IC	OP275GP	
IC8					
IC3	37-532-01	1	NE5532(N/P) DUAL OP-AMP	NE5532	
VR1	37-715-01	1	UA7815CKC +15V 1A REGULATOR	7815	
VR2	37-915-01	1	UA7915CKC -15V 1A REGULATOR	7915	
J1	39-114-05	1	ERT TRS JACK W/SHUNTS L.S. LCKWS	114BPC	INPUT
J4	39-116-01	7	T/S JACK HORIZ	T/S	OVER-DRIVE OUT
J5					CLEAN OUT
J6					OVER-DRIVE FX RETUF
J7					OVER-DRIVE FX SENS
J8					CLEAN FX RETURN
J9					CLEAN FX SEND
J12					TUNER OUT
J3	39-117-01	1	TRS JACK HORIZ	TRS	FOOTSWITCH
J10	39-321-01	2	BELTON MALE HORIZ XLR	XLR M H	OVER-DRIVE BAL. OU
J11					CLEAN BAL. OUT
J23	51-149-01	1	PC MOUNT GROUND BRACK	0	0
OC1	66-101-01	1	VTL-5C3 VACTROL	VTL-5C3	
P8	70-103-22	1	10K AUDIO 15%@50% (10% TOL)	10K A	MID
P9	70-104-26	2	100K REV AUDIO 15%@50% DUAL	100K RA	FREQUENCY
P12					MASTER

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ITEM	P/N	QTY	DESC	VALUE	LABEL
P1	70-105-22	1	1M LOG 15%@50% (10% TOL)	1M LOG	GAIN
P7	70-132-01	2	10K LINEAR 30%@50% (10% TOL)	10K L	BASS
P10					TREBLE
P13	70-202-22	2	2K AUDIO 15%@50% (10% TOL)	2K A	BAL. OUT LEVEL
P14					
P2	70-254-25	5	250K AUDIO W/PULL BRK SW [10% TOL	250K A	BASS
P4					TREBLE
P5					CLEAN LEVEL
P6					GAIN
P11					O.D. LEVEL
P3	70-503-22	1	50K AUDIO 15%@50% (10% TOL)	50K A	MID
CB1	73-102-01	2	.4 A POLYSWITCH RXE 040 RAYCHEM	.4 A	0
CB2					
JW1	76-000-05	123	22 GA TINNED COPPER	0	
JW2					
JW3					
JW4					
JW5					
JW6					
JW7					
JW8					
JW9					
JW10					
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JW38					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
JW39					
JW40					
JW41					
JW42					
JW43					
JW44					
JW45					
JW46					
JW47					
JW49					
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JW83					
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JW85					
JW86					
JW87					
JW88					
JW89					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
JW90					
JW91					
JW92					
JW93					
JW94					
JW95					
JW96					
JW97					
JW98					
JW99					
JW100					
JW101					
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JW116					
JW117					
JW118					
JW119					
JW120					
JW121					
JW122					
JW123					
JW124					
JW125					
R63	76-101-01	4	100 OHM .25W 5% RESISTOR	100	
R74					
R84					
R85					
R73	76-102-01	1	1K OHM .25W 5% RESISTOR	1K	
R57	76-103-01	8	10K OHM .25W 5% RESISTOR	10K	
R61					
R65					
R77					
R89					
R93					
R131					
R132					
R5	76-103-02	1	10K OHM .25W 1% RESISTOR		

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ITEM	P/N	QTY	DESC	VALUE	LABEL
R1	76-104-01	22	100K OHM .25W 5% RESISTOR	100K	
R4					
R9					
R14					
R17					
R30					
R31					
R34					
R39					
R49					
R52					
R79					
R80					
R87					
R90					
R91					
R94					
R107					
R108					
R126					
R130					
R134					
R22	76-105-01	10	1M OHM .25W 5% RESISTOR	1M	
R35					
R36					
R37					
R38					
R48					
R75					
R121					
R125					
R127					
R28	76-152-01	1	1.5K OHM .25W 5% RESISTOR	1.5K	
R71	76-153-02	2	15.4K OHM .25W 1% RESISTOR	15.4K	
R72					
R98	76-182-01	2	1.8K OHM .25W 5% RESISTOR	1.8K	
R99					
R45	76-221-01	1	220 OHM .25W 5% RESISTOR	220	
R55	76-222-01	11	2.2K OHM .25W 5% RESISTOR	2.2K	
R59					
R64					
R68					
R109					
R110					
R111					
R114					
R115					
R116					
R119					
R8	76-223-01	11	22K OHM .25W 5% RESISTOR	22K	

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ITEM	P/N	QTY	DESC	VALUE	LABEL
R10					
R40					
R43					
R44					
R54					
R56					
R88					
R92					
R101					
R129					
R13	76-224-01	6	220K OHM .25W 5% RESISTOR	220K	
R21					
R25					
R42					
R106					
R124					
R11	76-272-01	2	2.7K OHM .25W 5% RESISTOR	2.7K	
R97					
R58	76-331-01	1	330 OHM .25W 5% RESISTOR	330	
R67	76-333-01	1	33K OHM .25W 5% RESISTOR	33K	
R23	76-334-01	3	330K OHM .25W 5% RESISTOR	330K	
R33					
R104					
R122	76-470-01	2	47 OHM .25W 5% RESISTOR	47	
R123					
R51	76-471-01	1	470 OHM .25W 5% RESISTOR	470	
R20	76-472-01	4	4.7K OHM .25W 5% RESISTOR	4.7K	
R29					
R53					
R128					
R27	76-473-01	10	47K OHM .25W 5% RESISTOR	47K	
R32					
R50					
R60					
R62					
R66					
R86					
R95					
R96					
R102					
R2	76-473-02	1	47.5K OHM .25W 1% RESISTOR	47.5K	
R100	76-474-01	1	470K OHM .25W 5% RESISTOR	470K	
R112	76-511-02	4	511 OHM .25W 1% RESISTOR	511	
R113					
R117					
R118					
R69	76-682-01	1	6.8K OHM .25W 5% RESISTOR	6.8K	
R16	76-683-01	3	68K OHM .25W 5% RESISTOR	68K	
R24					
R26					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
R83	77-103-01	1	10K OHM .5W 5% RESISTOR	10K	
R19	77-104-02	4	100K OHM .5W 1% RESISTOR	100K	
R76					
R78					
R120					
R3	77-105-02	1	1M OHM .5W 1% RESISTOR	1M	
R12	77-120-11	2	2 OHM .5W 5% RESISTOR HIGH-SURGI	12	
R41					
R103	77-152-01	2	1.5K OHM .5W 5% RESISTOR	1.5K	
R105					
R7	77-152-02	1	1.5K OHM .5W 1% RESISTOR		
R18	77-154-02	1	150K OHM .5W 1% RESISTOR	150K	
R81	77-470-03	1	47 OHM .5W 5% FLAME-PROOF	47	
R82	78A224-11	1	220K 1W 5% MOX OR CF T&R	220K	
SW3	88-302-03	1	MINI PCB DPDT W/1D911 BLACK	DPDT DUAL	PRE/POST
SW1	88-303-02	2	7B 2UEE/4UEE NO CAP/ECG DUAL DPD	DPDT	PAD
SW2					CHANNEL
T1	94-025-01	2	PC MT OUTPUT XFMR 4:1	0.167361111	0
T2					
L1	94A001-01	2	FERRITE BEAD TAPE&REEL	FERRITE	
L2					
Q4	96R013-01	1	1PSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13	
Q5	96R112-01	6	112 N-CH -35Vdg -5Vgs(off) 50ohmRdsO	J112	
Q6					
Q13					
Q14					
Q15					
Q18					
Q1	96R175-01	5	175 P-CH 30Vds 3Vgs(off) 125ohmRdsOI	J175	
Q11					
Q12					
Q16					
Q17					
Q2	96R510-01	2	2N5210 NPN 50V 1.5W 50mA	2N5210	
Q3					
Q8	96R587-01	1	2N5087 PNP -50V 1.5W -50mA	2N5087	
Q9	96R588-01	2	2N5088 NPN 30V 1.5W 50mA	2N5088	
Q10					
W1	97-168-32	1	3.5 RED STRIP WIRE	20 G RED	RED
W2	97-168-38	1	3.5 WHITE STRIP WIRE	WHT WIRE	WHT
W3	97-168-39	1	3.5 BLUE STRIP WIRE	BLUE WIRE	BLUE
RC1	99-135-11	1	3.6 16PIN FLTCBLE ASY"	FLAT CABLE	FROM MAIN BD