

<b>0</b>	<b>2/20/02</b>	<b>CONTROL 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 63146			
Signatures:		Date:				
Drawn: WFB		11/12/01				
Checked:				First Used On:	GFX2200Ha	
Released:						
Tolerance:	Drawing Size:	A		Drawing Title:	PRE-AMP	
	Drawing Type:	PL				
	Class Code:			Drawing No.:	07-528-PL	
	Scale:	N/A				

ASSEMBLY PART #

07-528-XX

**PARTS LIST**

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A528-01	1	PWB PREAMP GUITAR		
C26	10A101-21	1	100 pF 200V 10% NPO	100 pF	
C8	10A102-11	1	.001 uF 100V 10% X7R	0.001	
C21	10A103-11	6	.01 uF 100V 10% X7R	0.01	
C30					
C32					
C33					
C44					
C48					
C9	10A104-01	2	.1 uF 50V 10% X7R	0.1	
C25					
C5	10A153-01	2	.015 uF 50V 10% X7R	0.015	
C6					
C4	10A224-01	5	.22 uF 50V 10% X7R	0.22	
C10					
C13					
C17					
C42					
C15	10A331-11	1	330 pF 100V 10% NPO	330 pF	
C3	10A332-01	1	.0033 uF 100V 10% X7R	0.0033	
C12	10A333-01	1	.033 uF 50V 10% X7R	0.033	
C27	10A473-11	7	.047 uF 100V 10% X7R	0.047	
C29					
C31					
C34					
C35					
C40					
C49					
C16	10A474-01	2	.47 uF 50V 20% X7R	0.47	
C45					
C18	10A560-21	2	56 pF 200V 5% NPO	56 pF	
C23					
C11	10A562-01	1	.0056 uF 100V 10% X7R	0.0056	
C1	10A682-01	2	.0068 uF 100V 10% X7R	0.0068	
C2					
C24	12R105-50	1	1 uF 50V 20% EL	1	
C7	12R105-51	4	1 uF 50V 20% EL NP		
C22					
C41					
C43					
C19	12R106-35	1	10 uF 35V 20% EL	10	
C36	12R107-32	3	100 uF 35V 20% EL	100	
C37					
C47					
C14	12R225-50	2	2.2 uF 50V 20% EL	2.2	
C28					
C20	12R225-51	1	2.2 uF 50V 20% EL NP		
C46	12R227-12	1	220 uF 16V 20% EL	220	
C38	12R476-35	2	47 uF 35V 20% EL	47	

**PARTS LIST**

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ITEM	P/N	QTY	DESC	VALUE	LABEL
C39					
J2	17-105-02	1	.1 ST POL LOCK MTSS100-2 HEADER	0	
J14	17-105-03	1	.1 ST POL LOCK MLSS100-3 HEADER	TO TUNER	
J16	17-105-04	1	.1 ST POL LOCK MLSS100-4 HEADER	0	
J17	17-105-06	1	.1 ST POL LOCK MTSS100-6 HEADER	TO DSP	
J15	17-108-04	1	.08 VERT 52007-0410 MOLEX HEADER		
J3	17-310-05	1	.156 ST POL MFSS156-5-D HEADER	TO PWRAMP	
D16	21-501-01	2	RED LED ASSY, HI EFF.	RED	
D17					
D15	21-502-01	1	GREEN LED ASSY HI-EFF	GRN	
D10	21-503-01	1	YELLOW LED ASSY HI-EFF	YEL	
D23	21-553-01	2	1N5353B 16V ZEN DIODE	1N5353B	
D24					
D3	21A146-01	4	3.3V .4W ZENER 28 ohm Zz	1N746ARL	
D4					
D14					
D22					
D8	21A754-01	1	6.8V .5W ZENER 5 ohm Zz	1N754ARL	
D1	21A914-01	12	75V PIV 10mA/1V .5W	1N914	
D2					
D5					
D6					
D7					
D9					
D11					
D12					
D13					
D18					
D19					
D25					
IC1	37-072-01	5	TLO-72CP DUAL OP-AMP	TLO-72	
IC2					
IC3					
IC5					
IC6					
J1	39-119-01	2	T/S JACK HORIZ CHROME NUT	T/S	INPUT JACK
J4					DSP FS
J9	39-120-01	1	T/R/S JACK CHROME NUT	T/R/S	FS JACK
P1	70-103-22	2	10K AUDIO 15%@50% (10% TOL)	10K A	GAIN 1
P11					CHAN A
P2	70-132-01	3	10K LINEAR 30%@50% (10% TOL)	10K L	GAIN 2
P6					LEVEL A
P10					LEVEL B
P5	70-133-01	2	50K LINEAR 30%@50% (10% TOL)	50K L	HIGH A
P9					HIGH B
P4	70-202-22	2	2K AUDIO 15%@50% (10% TOL)	2K A	MID A
P8					MID B
P3	70-503-22	2	50K AUDIO 15%@50% (10% TOL)	50K A	LOW A
P7					LOW B
JW1	76-000-05	42	22 GA TINNED COPPER	0	

**PARTS LIST**

ITEM	P/N	QTY	DESC	VALUE	LABEL
JW2					
JW3					
JW4					
JW5					
JW6					
JW7					
JW8					
JW9					
JW10					
JW11					
JW12					
JW13					
JW14					
JW15					
JW16					
JW17					
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JW31					
JW32					
JW33					
JW34					
JW35					
JW36					
JW37					
JW38					
JW39					
JW40					
JW41					
JWO1					
R14	76-102-01	5	1K OHM .25W 5% RESISTOR	1K	
R25					
R27					
R32					
R45					
R13	76-103-01	8	10K OHM .25W 5% RESISTOR	10K	
R21					
R23					
R33					

**PARTS LIST**

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ITEM	P/N	QTY	DESC	VALUE	LABEL
R36					
R75					
R76					
R77					
R11	76-105-01	6	1M OHM .25W 5% RESISTOR	1M	
R35					
R48					
R56					
R61					
R64					
R9	76-152-01	3	1.5K OHM .25W 5% RESISTOR	1.5K	
R59					
R73					
R1	76-153-01	2	15K OHM .25W 5% RESISTOR	15K	
R3					
R30	76-154-01	1	150K OHM .25W 5% RESISTOR	150K	
R53	76-182-01	2	1.8K OHM .25W 5% RESISTOR	1.8K	
R62					
R70	76-220-01	1	22 OHM .25W 5% RESISTOR	22	
R52	76-222-01	5	2.2K OHM .25W 5% RESISTOR	2.2K	
R55					
R57					
R71					
R78					
R8	76-223-01	7	22K OHM .25W 5% RESISTOR	22K	
R12					
R17					
R38					
R41					
R43					
R44					
R69	76-332-01	1	3.3K OHM .25W 5% RESISTOR	3.3K	
R74	76-333-01	5	33K OHM .25W 5% RESISTOR	33K	
R29					
R42					
R47					
R54					
R65	76-470-01	2	47 OHM .25W 5% RESISTOR	47	
R66					
R37	76-471-01	2	470 OHM .25W 5% RESISTOR	470	
R63					
R4	76-472-01	13	4.7K OHM .25W 5% RESISTOR	4.7K	
R7					
R15					
R16					
R22					
R24					
R26					
R28					
R31					

ASSEMBLY PART #

07-528-XX

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REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
R34					
R40					
R67					
R72					
R18	76-473-01	8	47K OHM .25W 5% RESISTOR	47K	
R19					
R20					
R39					
R46					
R58					
R60					
R68					
R2	76-474-01	2	470K OHM .25W 5% RESISTOR	470K	
R5					
R10	76-681-01	1	680 OHM .25W 5% RESISTOR	680	
R6	76-682-01	2	6.8K OHM .25W 5% RESISTOR	6.8K	
R49					
S1	88-302-03	3	MINI PCB DPDT W/1D911 BLACK	DPDT DUAL	GAIN SELECT
S2					CHANNEL SELECT
S3					BRIGHT
SW1	88-606-16	1	16-POS ENCODER HORIZ. MNT. D-SHAFT	4-BIT ENCODER	MODE
Q12	96R013-01	2	MPSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13	
Q13					
Q11	96R055-01	2	MPSA55 PNP -60V 1.5W -.5A	MPS-A55	
Q16					
Q7	96R112-01	3	J112 N-CH -35Vdg -5Vgs(off) 50ohmRdsON	J112	
Q8					
Q9					
Q1	96R175-01	5	J175 P-CH 30Vds 3Vgs(off) 125ohmRdsON	J175	
Q2					
Q3					
Q6					
Q14					
Q4	96R510-01	2	2N5210 NPN 50V 1.5W 50mA	2N5210	
Q5					
Q15	96R587-01	1	2N5087 PNP -50V 1.5W -50mA	2N5087	