



**BERKELEY II**

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**V1081**

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Manufactured By  
**THOMAS ORGAN COMPANY**  
SEPULVEDA, CALIFORNIA, under license from  
**JENNINGS MUSICAL INDUSTRIES LTD.**  
DARTFORD, KENT, ENGLAND



# BERKELEY II

## V1081

### SERVICE INFORMATION

Thomas Organ Company • National Service Department • Sepulveda, California

### REPLACEMENT PARTS LIST

Location	Part No.	Description
CAPACITORS		
C1-C28	20-8423-1	.1 mfd 100V 10%
C2	15-18011	18 pf 500V 10%
C3-C16-C29	18-5053-3	10 mfd 15V (Electro)
C4	20-8429-1	.33 mfd 100V 10%
C5-C11	18-5136-3	2 mfd 25V (Electro)
C6	20-8408-1	.0056 mfd 100V 10%
C7	20-8421-1	.068 mfd 100V 10%
C8	20-8409-1	.0068 mfd 100V 10%
C9	18-5057-3	1 mfd 15V (NP Electro)
C10	15-10211	.001 mfd 500V 10%
C12	15-27111	270 pf 500V 10%
C13-C31	18-5121-3	200 mfd 6V (Electro)
*C14-C23	15-18111	180 pf 500V 10%
C15	20-8419-1	.047 mfd 100V 10%
C17	20-8415-1	.022 mfd 100V 10%
C18	20-8427-1	.22 mfd 100V 10%
C19	18-5056-3	4 mfd 15V (NP Electro)
C20	18-5098-3	250 mfd 12V (Electro)
C21	20-8417-1	.033 mfd 100V 10%
C22-C34	18-5128-3	500 mfd 35V (Electro)
C24-C25-C26	20-8431-1	.47 mfd 100V 10%
C27	20-8401-1	.0012 mfd 100V 10%
C30	18-5137-3	5 mfd 12V (Electro)
C32	20-5317-1	.047 mfd 600V 20%
C33	18-5131-3	5000 mfd 35V (Electro)
C35	18-5111-3	500 mfd 25V (Electro)
*Later Production		
C14	15-47111	470 pf 500V 10%

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RESISTORS - All 1/2W 10% Unless Otherwise Indicated

R1-R2-R3	60-68301	68K Ohm
R4-R5	60-10401	100K Ohm
R6	60-33301	33K Ohm
R7-R22-R45	60-22301	22K Ohm
R8-R13-R38-R53	60-10101	100 Ohm
R9-R27-R50-R51	60-10201	1K Ohm
R10-R18	60-15201	1.5K Ohm
R11-R12	24-5193-3	10K Ohm Pot. (Bass-Treble)
R14	24-5201-3	10K Ohm Pot. (Volume)
R15	60-27301	27K Ohm
R16	60-15101	150 Ohm
R17	60-33401	330K Ohm
R19	60-82001	82 Ohm
R20	60-56401	560K Ohm
R21-R46	60-15401	150K Ohm
R23-R40-R54	60-68101	680 Ohm
R24	24-5195-3	3K Ohm Pot (Reverb)
R25-R28	60-39201	3.9K Ohm
R26	60-10501	1 Meg Ohm
R29	60-68201	6.8K Ohm
R30	60-56101	560 Ohm
R31	60-33101	330 Ohm
R32-R34	60-33901	3.3 Ohm
R33-R35	60-47111	470 Ohm 1W 10%
R36-R37	62-33801-2	.33 Ohm
R39	60-47301	47K Ohm
R41	60-18301	18K Ohm
R42-R48-R49	60-22201	2.2K Ohm
R43	24-5209-3	50K Ohm Pot (Speed)
R44	60-27501	2.7 Meg Ohm
R47	24-5210-3	1 Meg Ohm Pot (Depth)
R52	60-10121	100 Ohm 2W 10%
MISCELLANEOUS		
P6	21-180-1	3 Pin Male Housing
S6	21-181-1	3 Pin Female Housing
	22-5033-2	Switch Mtg. Nut
	25-5274-2	PC Board Only
	40-5040-0	Escutcheon
	40-5141-3	Control Panel
F1	43-29-0	1 A. Slo-Blo Fuse
	44-5035-1	Heat Sink
	45-110-5	Contact (P & S Housing)
P4-P5	45-5000-0	Phono Plug
J1-J2-J3	45-5006-1	Input Phono Jack
J7	45-5006-1	Auxilliary Speaker Jack
	45-5023-5	Fuse Holder
	45-5031-3	Transistor Socket
S9	45-5049-3	AC Accessory Socket
S8	45-5050-3	6 Connector Pedal Socket
	52-5083-0	Control Knob
SW5	69-5194-0	Line Reverse Switch
SW4	69-5211-0	On/Off Power Switch
T1	80-5056-1	Reverb Transformer
T2	80-5057-1	Driver Transformer
T3	80-5061-6	Power Transformer
L1	80-5070-7	1h. Toroid Inductor
	84-16593	Pilot Light Assembly W/Jewel
	84-18382-1	PC Board Assy. Complete

MISCELLANEOUS (continued)

SD1-SD2-SD3	86-5024-3	Silicon Rectifier (1A)
Q1-Q2-Q3-Q5	86-5044-2	Transistor (Grn/Yellow)
Q6-Q10-Q11	86-5050-2	Transistor (Yellow)
Q4	86-5073-2	Transistor "E"
Q7	86-5075-2	Transistor "G" (Driver)
Q8-Q9	86-5089-2	Output Transistor (Germ.)
PL1	89-5062	TS #1892 Lamp

CABINET COMPONENTS

P6	21-180-1	Male Housing
	21-5213-0	Amplifier Cabinet Back
	21-5214-0	Speaker Cabinet Back
	21-5220	Speaker Cabinet Cover (Plastic)
	21-5221	Amplifier Cabinet Cover (Plastic)
	22-157-2	Handle Mtg. Nut
	22-5084-0	Amplifier Cabinet to Stand Retainer
A1	23-5002-2	Reverb Delay Line
SP1-SP2	33-5085-6	10" Speaker - 8 Ohm
	37-5027-3	Corner Protector (Plastic)
	40-5144-3	Front Trimstrip
	45-110-5	Housing Contact
P4-P5	45-5000-0	Phono Plug
P10-P11	45-5044-3	Speaker Receptacle
S10-S11	45-5045-3	Speaker Connector - Part of CBL2
	49-5184	Corner Protector Mtg. Nail
	49-5219	Cabinet Handle
	57-608823	Corner Protector Mtg. Screw
	57-614824	Back Mtg. Screw
	57-816631	Handle Mtg. Screw
	58-5116	Back Mtg. Washer
	62-50240	Plastic Foot (4 per pkg.)
	73-5059	"Vox" Logo (Plastic)
	73-5093	"Solid State" Insignia
	83-8215	Cooling Vent (Plastic)
	83-8310	White Bead (Order per foot)
	83-8311	Gold Bead (Order per foot)
	84-16792	Amplifier Cabinet Assy.
CBL2	84-16793	Speaker Cable Assy. -8'
	84-16796	Speaker Cabinet Assy.
	97-5279	Retainer Mtg. Screw
	98-5005-1	Leatherette - 45" Width (Order per yard)
	98-5357-0	Grille Cloth - 45" Width (Order per yard)

TREMOLO-REVERB-MRB PEDAL ASSEMBLY

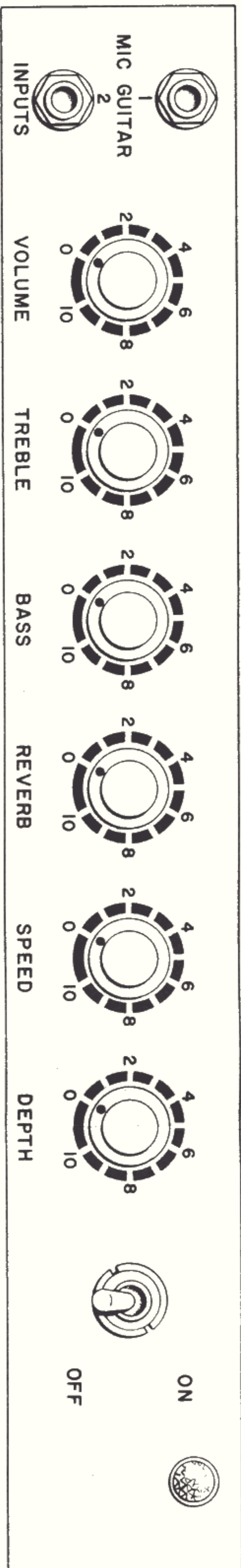
	21-5035-1	Metal Housing
	22-5033-2	Switch Mtg. Nut
P8	45-5033-0	6 Pin Plug (Part of CBL1)
SW1-SW2	69-5193-0	Tremolo-Reverb Switches
SW3	69-5212-0	MRB Switch (Momentary)
	84-18390	Plate & Tread Assy.
	84-18416	Pedal Assy. Complete
CBL1	84-18465	Cable Assy. W/Plug (12')

STAND ASSEMBLY (84-16989)

39-5001-5	Hub
49-5202	Caster
52-5085-0	Chrome Flange Knob
77-5092-0	Phenolic Spacer
77-5093-0	Flange Spacer
84-16831	Mounting Flange Assy.
84-18407	Base
84-18408	Frame
97-5285	Screw

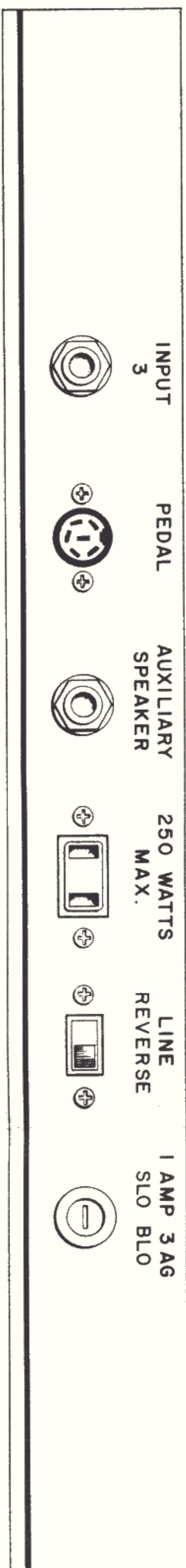
NOTE: All small hardware (screws, nuts, nails, etc.) are packaged in dozen lots only.

J1 R14 R12 R11 R24 R43 R47 SW4 PL1



J2

J3 S8 J7 S9 SW5 F1



ESCUTCHEON