

CONSOLE CONNECTOR PRE-AMP KIT 9340/9341 INSTALLATION INSTRUCTIONS

FOR USE WITH: LESLIE Speaker Models 755, 760, 765, 770, 825

One or two electric guitars, combo organs, or other combo instruments

KIT CONTENTS

9340

109340 Pre-amp Assembly, 220/240-volt
053025 Oiler
025627 Screw, sheet metal, 8 x 5/8, Phillips head (2)

9341

136960
053025
025627

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING:

CONNECTION

Fasten the pre-amp chassis to the upper back of the LESLIE speaker, using two screws. (On some models you may prefer to mount the pre-amp so that the controls may be reached from the side, rather than the top, of the LESLIE speaker cabinet.) Connect the 9-contact plug from the LESLIE speaker to socket SI on the pre-amp. Insert the connector from the guitar (or organ) into the CHANNEL 1 or CHANNEL 2 jack on the end of the pre-amp chassis. Connect the plug to a 220/240-volt power source.

OPERATION

Toggle switch SW1 controls power to the pre-amplifier; when the circuit is closed the POWER indicator lights. Circuit breaker CBI protects the circuit from overload. If the circuit breaker actuates the circuit should be checked for cause of overload before the breaker is reset.

Volume is controlled by the knobs labeled CHANNEL 1 and CHANNEL 2, on the long side of the chassis. Settings from I (softest) to 10 (loudest) are provided.

The foot control switches are used to regulate the speed of the tremolo. The slow switch can be set at slow or off. The fast switch acts as a second on-off switch for slow operation. In one position it permits signals to be fed to the fast tremolo motor circuit of the LESLIE speaker; in the other position it directs the signals to the slow tremolo motor circuit.

To operate the pre-amp turn the power switch on. (The indicator lights.) Initially set each volume control at midrange; adjust volume as desired when the system is fully operative. Turn on and adjust the LESLIE speaker and the guitar or other equipment as instructed in their respective literature.

If no tremolo effect is heard when the power switch is turned on, press the TREMOLO SLOW switch. Slow tremolo should be produced. For fast tremolo press the TREMOLO FAST switch. To alternate between fast and slow once the system is operative, merely press the FAST switch.

Ordering Parts

Standard hardware, connectors, and electronic components should be purchased locally. Non-standard items may be obtained through a LESLIE speaker dealer. Orders should include part numbers as listed.

PARTS LIST: PRE-AMP ASSEMBLY

<u>109340</u>		<u>136960</u>
109400	Circuit Board Assembly	109400
055079	Bushing, .196 x .312 x .625 (4)	055075
028993	Washer, lock, 6 x 9132 x 18 (8)	028993
012930	Nut, hex, 6-32 x 5/16 x 7164 (8)	012930
022145	Screw, machine, 6-32 x 1-1/8 (4)	022145
109380	Cable Assembly, 9-conductor	109380
026450	Housing, foot switch	026450
026443	Cover, switch housing	026443
129950	Cable Assembly, 250-volt, 10-foot	
	Cable Assembly, 240-volt, 9-foot	129960
039602	Phone Jack (2)	039602
020388	Nut, hex, 318-32 x 1/2 x 3132 (2)	020388
020396	Washer, lock, 3/8 x 11/16 x .025 (2)	020396
109410	Potentiometer, audio taper, 500K (2) (R1 R2)	109410
020388	Nut, hex, 3/8-32 x 1/2 x 3132 (2)	020388
020396	Washer, lock, 3/8 x 11/16 x .025 (2)	020396
020354	Knob, black	020354
026906	Switch, toggle, SPST (SW1)	026906
044776	Nut, hex, 15/32-32 x 9/16 x 1/16 (2)	044776
020958	Washer, lock, 1/2 x 7/8 x .020	020958
026435	Switch, push, SPST (SW3)	026435
026427	Switch, push, SPDT (SW2)	026427
044776	Nut, hex, 15/32-32 x 9/16 x 1/16 (2)	044776
020958	Washer, lock, 1/2 x 7/8 x .020	020958
020560	Circuit Breaker	020560
020388	Nut, hex, 3/8-32 x 1/2 x 3132	020388
020396	Washer, lock, 3/8 x 11/16 x .025	020396
014738	pilot Light, red, 250-volt (PL1)	014738
063529	Terminal Strip, 4-lug, solder	063529
012930	Nut, hex, 6-32 x 5/16 x 7164 (2)	012930
028993	Washer, lock, 6 x 9132 x .018 (2)	028993
039644	Screw, machine, 6-32 x 3/8 (2)	039644
137058	Chassis With Silk Screening	137058
109370	Cover, Chassis	109370
011692	Screw, machine, 6 x 1/4, Phillips head (2)	011692

PARTS LIST: 109400 CIRCUIT BOARD ASSEMBLY

Transistor, RCA 40321 (Q5)	022939
Transistor, MSPS 4382 (Q1, Q2)	026237
Transistor, 2N3859A (Q3, Q4)	061366
Capacitor, electrolytic, 200 mfd, 50V (C10, C11)	020081
Capacitor, electrolytic, 50 mfd, 50V (C8)	025262
Capacitor, electrolytic, 50 mfd, 15V (C7)	028324
Capacitor, 0.1 mfd, 200V (C1, C2, C12)	022251
Capacitor, ceramic disc, 100 pf, 1000V, (C3, C4, C5, C6)	028027
Capacitor, ceramic disc, .01 mfd, 1000V (C9)	060467
Resistor, 220K, 1/2 W, 10% (R9, R10)	013615
Resistor, 470K, 1/2W, 10% (R5, R6)	018002
Resistor, 1.2K, 1/2W, 10% (R3, R4, R7, R8, R14)	018036
Resistor, 330K, 1/2W, 10% (R17)	020826
Resistor, 27K, 1/2W, 10% (R18)	020834
Resistor, 150 ohms, 1/2W, 10% (R13, R15)	024158
Resistor, 33K, 1/2W, 10% (R11)	028522
Resistor, 10K, 1/2W, 10% (R12)	028548
Resistor, 2.2K, 1/2W, 10% (R16)	028571
Etched Circuit Board	039073

PARTS LIST: 109380 CABLE ASSEMBLY

Socket, 9-contact	028837
Cap Body, right	130000
Cap Body, left	130010
Screw, sheet metal, 4 x 1/2, hex washer head (4)	136360



