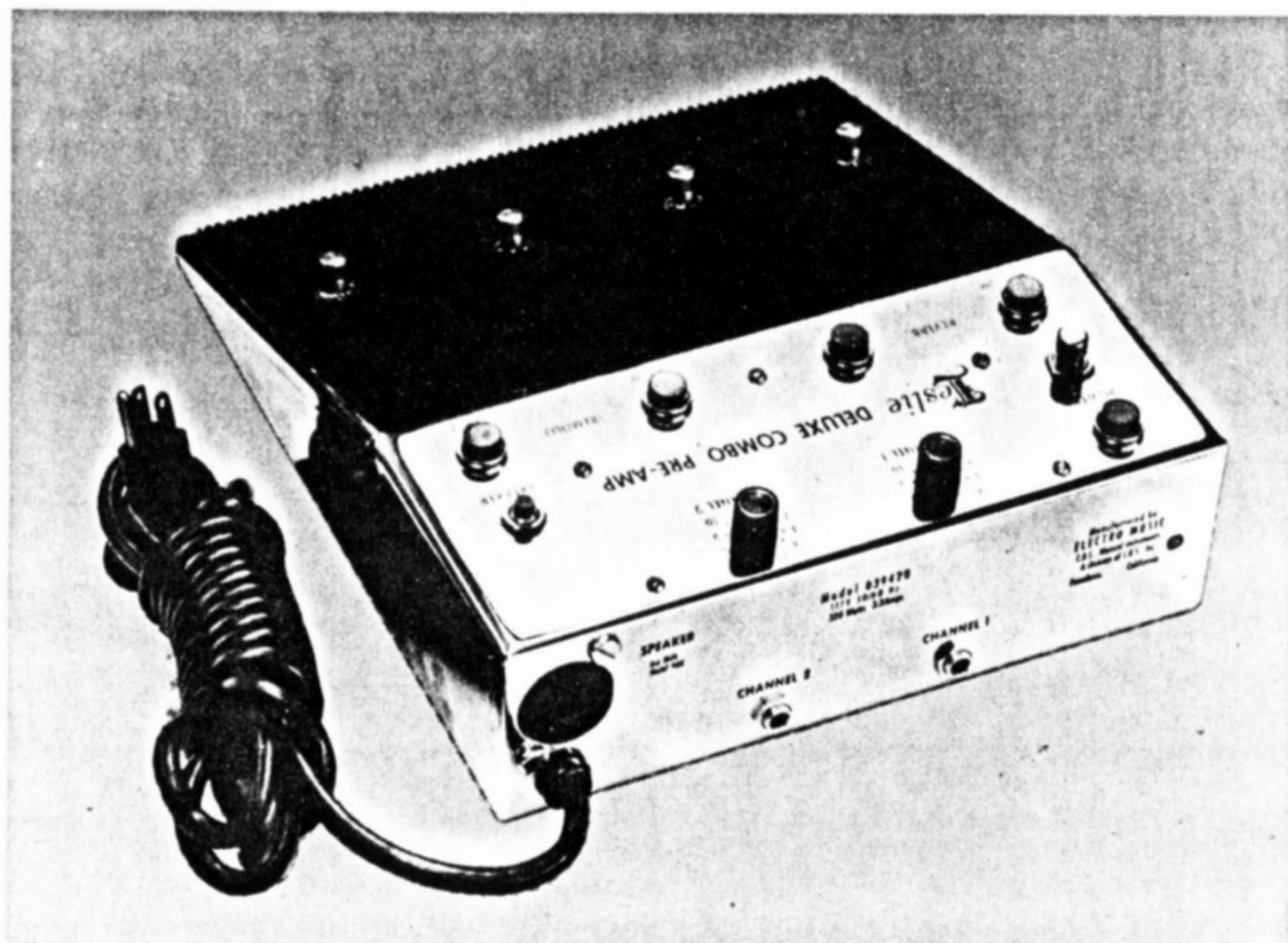


Leslie®

SPEAKERS

DELUXE COMBO PRE-AMP



electro  music

CBS MUSICAL INSTRUMENTS DIV.

LESLIE®

DELUXE COMBO PRE-AMP

117 V, 50/60Hz
039420

234 V, 50/60Hz
039743

GENERAL

The Deluxe Combo Preamplifier is designed to accept and amplify output signal from two separate sound sources, such as a combo organ and guitar. Two input jacks are provided for this purpose on the rear of the Combo Preamp chassis. They are identified as Channels 1 and 2; each channel having its own volume control. (Some combo organs channel their lower and upper frequencies into two separate outputs and are therefore connected to both preamp inputs.)

The two TREMOLO foot switches on the chassis control Bass and Treble rotor speed within the 900 and 925 Speakers. The two REV/AUX foot switches control volume of the Reverb channel in the 900 Speaker, or the volume of the Auxiliary channel in the 925 Speaker. The panel lamp above each of these switches lights when its switch is on.

To switch between MEDIUM and FULL Reverb/Auxiliary Channel volume or SLOW and FAST rotor speeds, switch the FULL and FAST switches to off (lights off). Then switch MEDIUM and SLOW switches on (lights on). FULL and FAST switches may now be depressed to obtain full volume from the Reverb or Auxiliary channel or fast rotor speed. When the FULL and FAST switches are on, pressing the MEDIUM or SLOW switches will have no effect.

To turn off the Reverb/Auxiliary channel or stop the rotors, switch REV/AUX or TREMOLO foot switches to off (lights off).

The POWER switch is located near the upper left corner of the chassis. This switch controls power to the Leslie Speaker as well as the Preamp itself. The BREAKER button should be pressed to restore the circuit in the event of an overload.

INSTALLATION

1. The Pre-amp should be located near the musician for his convenience of control.
2. Connect the output cable from the instrument to either Channel 1 or 2 input jack at the rear of the pre-amp.
3. Prepare the Leslie Speaker for operation as described in the owners manual.
4. Connect the nine-pin plug from the speaker cable into the nine contact socket at the rear of the pre-amp.
5. Plug the line cord into the nearest properly rated A.C. voltage outlet.
6. Push the "Power" switch to ON as indicated by the lighted red panel lamp.
7. Reduce the Leslie Speaker volume control to full CCW and then advance 1/3.
8. Play the loudest chord on the instrument and while so doing, increase the volume at the Combo Pre-amp until distortion is heard and then reduce the volume by about 1 1/2 numbers.
9. While playing the same loud chord as in Step 8, slowly increase the volume at the Speaker until distortion is heard, and then reduce the volume by 1/2 numbers, or until distortion just disappears.

SPECIFICATIONS:

DIMENSIONS: 11" deep, 10" wide, 3" high.

WEIGHT: 7 1/4 lbs. boxed.

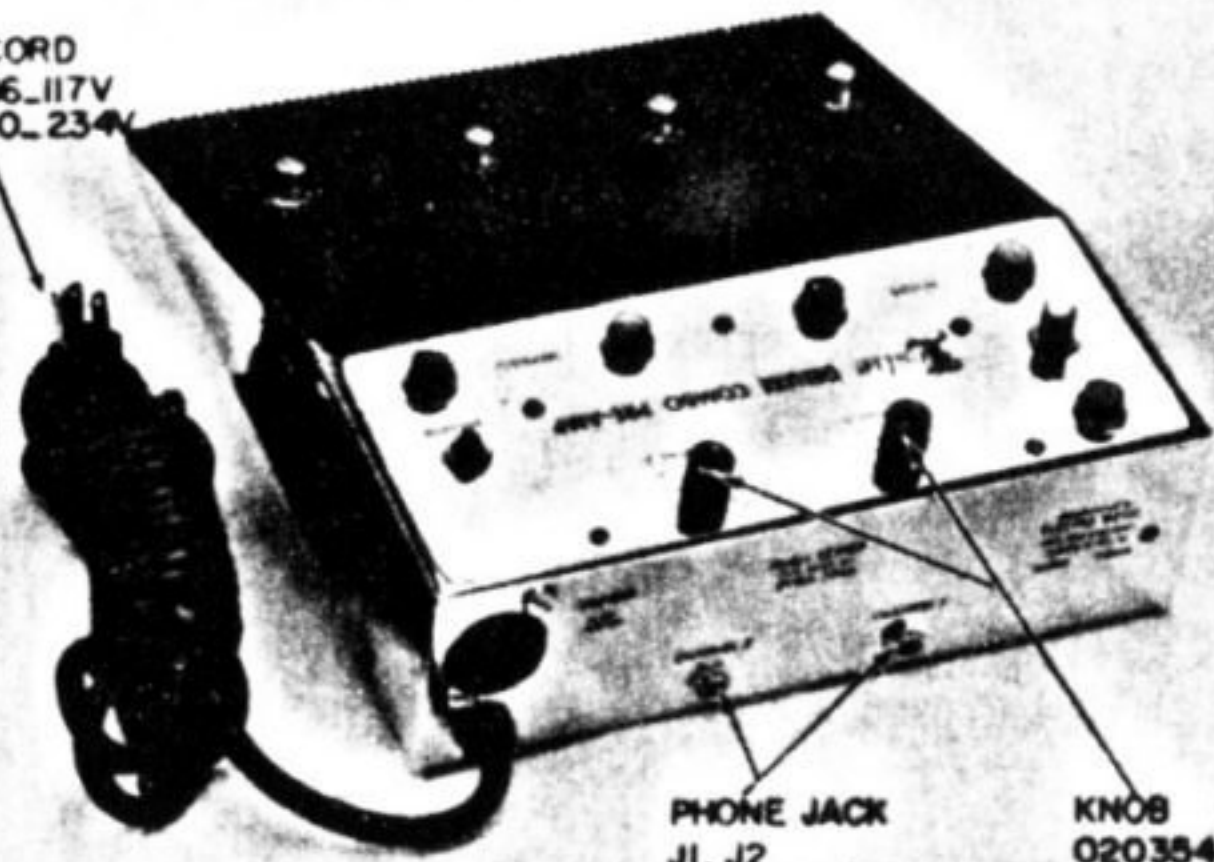
ELECTRICAL: 117V, 50-60 Hz, or 234V, 50-60 Hz.

CONTROLS: Power on-off; 2 input volume controls; circuit breaker reset.
Two reverb switches Medium and Full; two tremolo switches Slow and Fast.

GUARANTEE: One year from date of purchase, covering both workmanship and materials.

DELUXE COMBO PRE-AMP PARTS IDENTIFICATION

LINE CORD
039636_117V
015040_234V



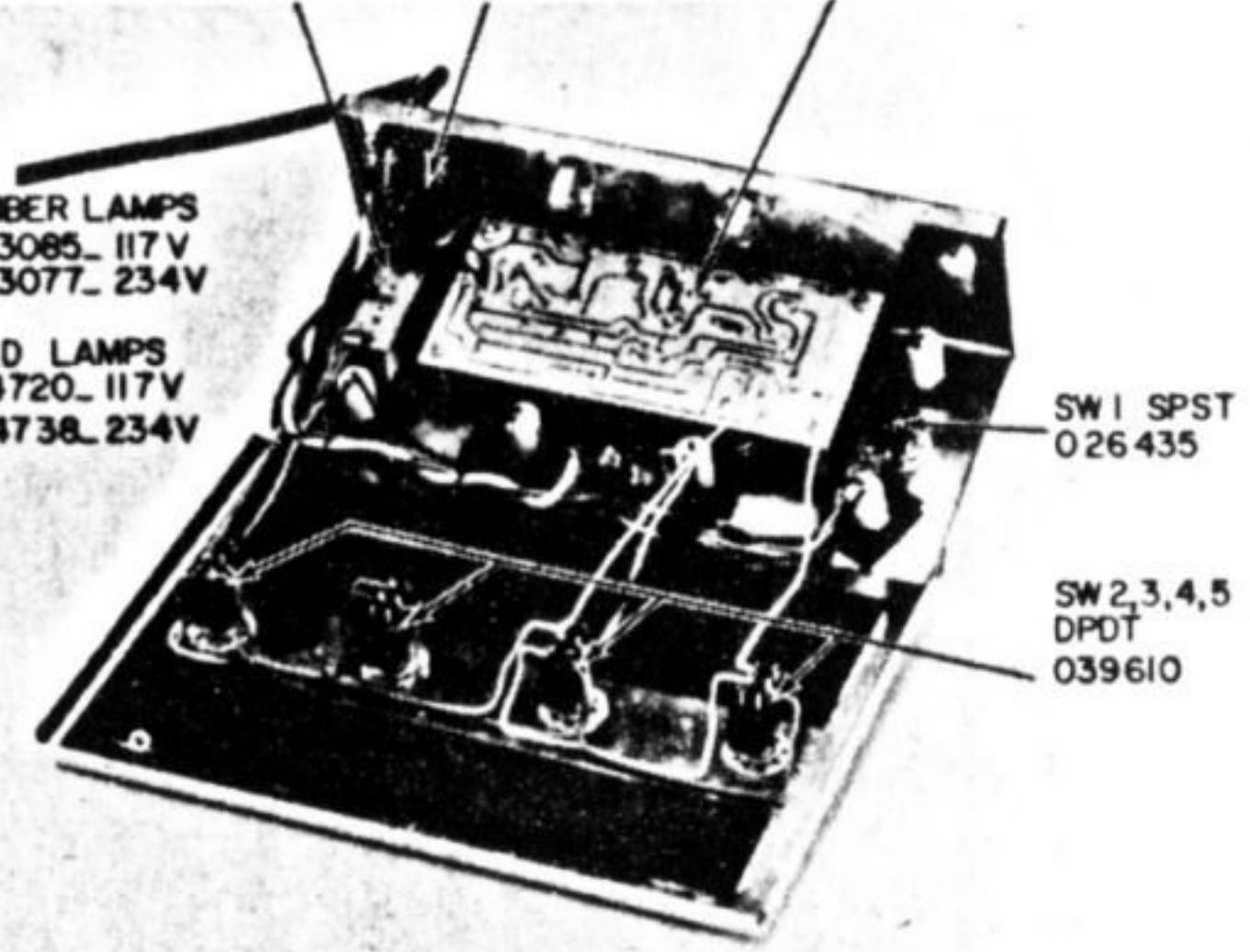
CBI
020560

SI-SOCKET
061713

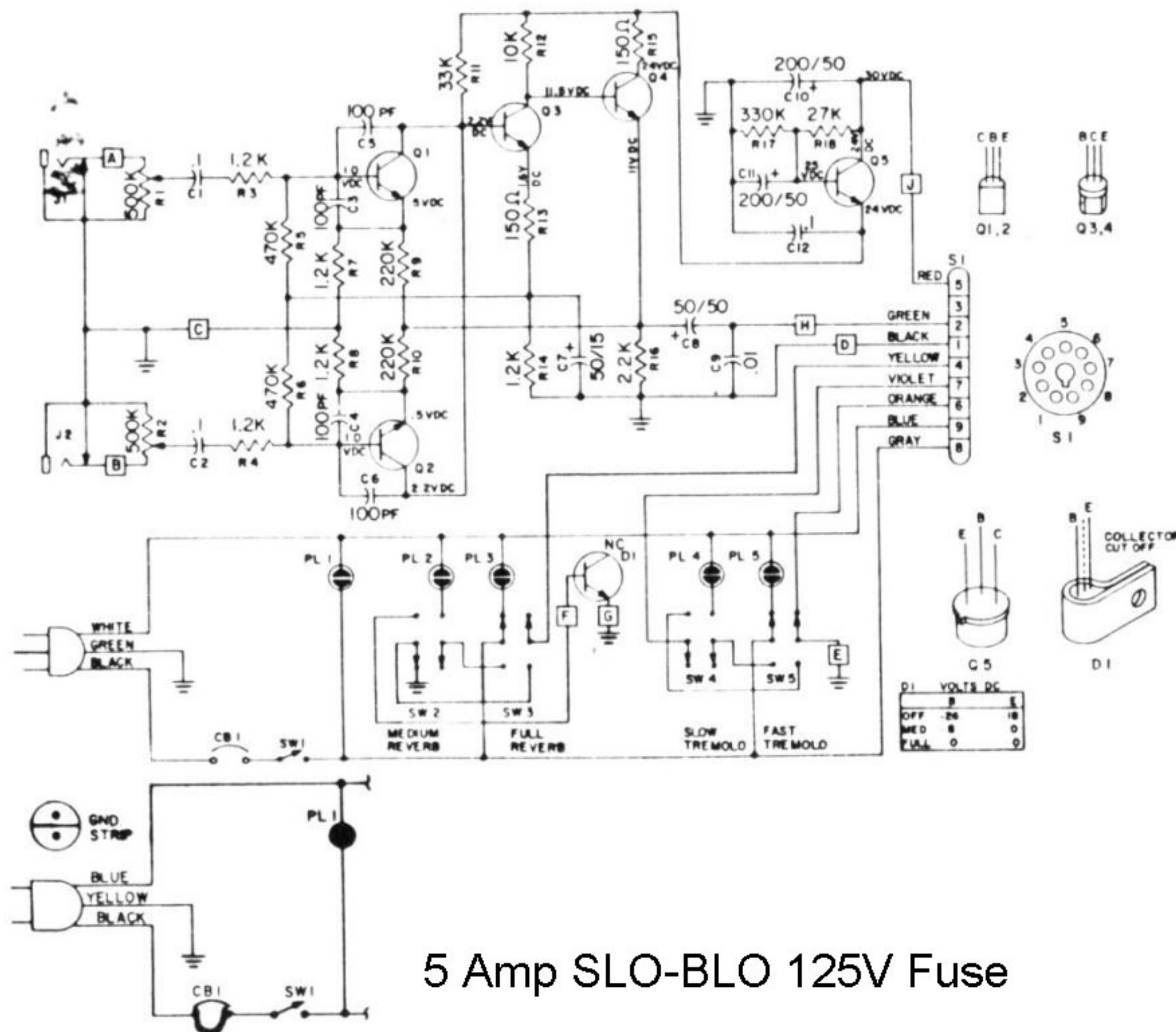
CIRCUIT BOARD
ASSY 039693

AMBER LAMPS
023085_117V
023077_234V

RED LAMPS
014720_117V
014738_234V



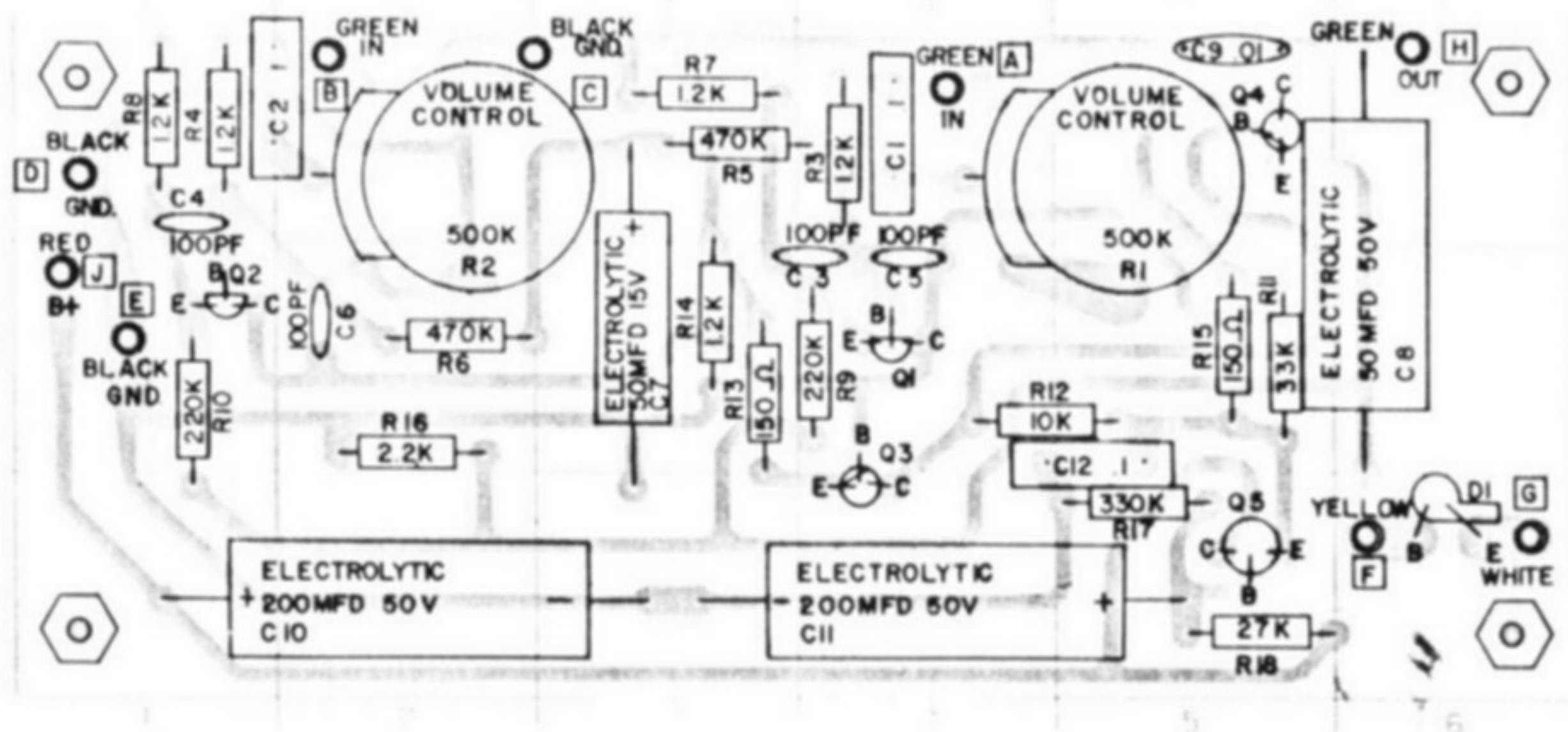
SCHEMATIC DIAGRAM



039693 CIRCUIT BOARD PARTS LOCATION

VIEW FROM FOIL SIDE

All resistors 1/2W, 10% UNO



PARTS LIST

FOIL SIDE DELUXE COMBO PREAMP

Part Number	Location	Value	Part
022251	A4	.1 μ fd 200VDC	Capacitor C1
022251	A2	.1 μ fd 200VDC	Capacitor C2
028027	B4	100 pf 1KV	Capacitor C3
028027	A1	100 pf 1KV	Capacitor C4
028027	B4	100 pf 1KV	Capacitor C5
028027	B2	100 pf 1KV	Capacitor C6
028324	B3	50 μ fd 15VDC	Capacitor C7
025262	B6	50 μ fd 50VDC	Capacitor C8
060467	A5	.01 μ fd 1KV	Capacitor C9
020081	C2	200 μ fd 50VDC	Capacitor C10
020081	C4	200 μ fd 50VDC	Capacitor C11
022251	B5	.1 μ fd 200VDC	Capacitor C12
020370	A5	500K control	Resistor R1
020370	A2	500K control	Resistor R2
018036	A4	1.2K	Resistor R3
018036	A1	1.2K	Resistor R4
018002	A3	470K	Resistor R5
018002	B2	470K	Resistor R6
018036	A3	1.2K	Resistor R7
018036	A1	1.2K	Resistor R8
013615	B4	220K	Resistor R9
013615	B1	220K	Resistor R10
028522	B5	33K	Resistor R11
028548	B4	10K	Resistor R12
024158	B3	150 ohms	Resistor R13
018036	B3	1.2K	Resistor R14
024158	B5	150 ohms	Resistor R15
028571	B2	2.2K	Resistor R16
020826	C5	330K	Resistor R17
020834	C5	27K	Resistor R18
026237	B4	MSPS 4382	TSTR Q1
026237	B1	MSPS 4382	TSTR Q2
061366	B4	2N3859A	TSTR Q3
061366	A5	2N3859A	TSTR Q4
018077	C5	2N2102	TSTR Q5
059452	B6		Diode, Zenar D1

ELECTRO MUSIC

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