

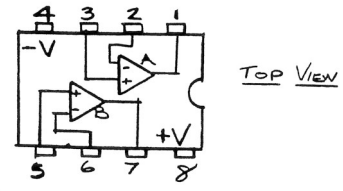
PART	DESCRIPTION	P/N	PART	DESCRIPTION	PIN
Q1	2N 5638	96-538-01	D1	Red LED	97-224-01
Q2	5638	96-538-01	D2	Green LED	97-225-01
Q3	5638	96-538-01	D3	Red LED	97-224-01
Q4	5638	96-538-01	D4	16V Zener	21-145-01
Q5	5638	96-538-01	D5	16V Zener	21-145-01
Q6	5087	96-587-01	D6	Red LED	21-117-01
Q7	5638	96-538-01	D7	Red LED	21-117-01
W1	3.5 Red	97-168-32	D8	914	21-914-01
W2	3.5 Blk	97-168-36	D9	914	21-914-01
W3	3.5 Blk	97-168-36	D10	914	21-914-01
W4	3.5 White	97-168-38	D11	914	21-914-01
W5	3.5 Green	97-168-37	D12	914	21-914-01
IC1	4558UA	37-458-01	J1	112APC	39-012-01
IC2	4558	37-458-01	J2	112APC	39-012-01
IC3	4558	37-458-01	J3	114BPC	39-114-02
IC4	4558	37-458-01	J4	.205 Tab	17-892-01
			J5	.205	17-892-01
			J6	.205	17-892-01
			J7	.205	17-892-01
			J8	4Pin POL HDR	17-309-04
P1	100KRA	70-104-23			
P2	10KA	70-103-22			
P3	50KL	70-133-01			
P4	10KL	70-132-01			
P5	250KA	70-254-22			
P6	10KA	70-103-22			
P7	250KA	70-254-22			
P8	10KA	70-103-22			
P9	50KL	70-133-01			
P10	10KL	70-132-01			

**PARTS LIST**  
(PARTIAL)

**PREAMPLIFIER P.C. BOARD ASSY. #07505-01**

**NOTES:**

- 1) Unless otherwise specified, all resistors are in Ohms, k w, 5%. Unless otherwise specified all capacitors are in microfarads, & have a 100V rating and 1uF and above are 50V rating.
- 2) Typical IC1 & 2, Pin4=-15V, Pin8=+15V; IC3 & 4 Pin4=-16V, Pin8=+16V.



TEST POINT	CHANNEL A - FULL GAIN & LEVEL, SHAPE & PRESENCE @ 1/2 ROTATION, NO REVERB, MASTER PRESENCE @ OFF.	CHANNEL A - FULL GAIN, SHAPE, PRESENCE & LEVEL.	CHANNEL B - FULL GAIN & LEVEL, EQ @ 1/2 ROTATION, NO REVERB, MASTER PRESENCE @ BRIGHT.
1	1 mV RMS 300HZ	100 mV RMS 300HZ	12 mV RMS 400HZ
2	5.8 mV RMS 16.4 mV P-P	570 mV RMS 1.6V P-P	67 mV RMS 189 mV P-P
3	7.8 mV RMS 22 mV P-P	720 mV RMS 2V P-P	
4	2.7V RMS 7V P-P	27V P-P	
5	(LEDS NOT LIT) 2.75V P-P	3V P-P	
6	500 mV P-P	2V P-P	
7			318 mV RMS 900 mV P-P
8			179 mV RMS 500 mV P-P
9	1.75V P-P	3V P-P	500 mV RMS 1.4V P-P
10	3V P-P	26V P-P	570 mV RMS 1.6V P-P
11	.1 to .6V P-P *	.1 to .6V P-P *	.1 to .6V P-P *
12	-16VDC	-16VDC	-.7VDC
13	+16VDC 100 mV P-P RIPPLE	+16VDC 100 mV P-P RIPPLE	+16VDC 30 mV P-P RIPPLE
14	-16VDC 100 mV P-P RIPPLE	-16VDC 100 mV P-P RIPPLE	-16VDC 20 mV P-P RIPPLE
15	60V P-P	60V P-P	60V P-P
16	60W 40V P-P	40V P-P	35V P-P

NOTE: TEST POINTS 1-11 HAVE 0 VDC.

**G-212 PREAMPLIFIER**

REVISIONS: SLIM ELECTRONICS  
1400 FERGUSON AVE.,  
ST. LOUIS, MO. 63133

REV 8/15/75 JHM 1 of 2  
DRAWING No.: 16-030-01