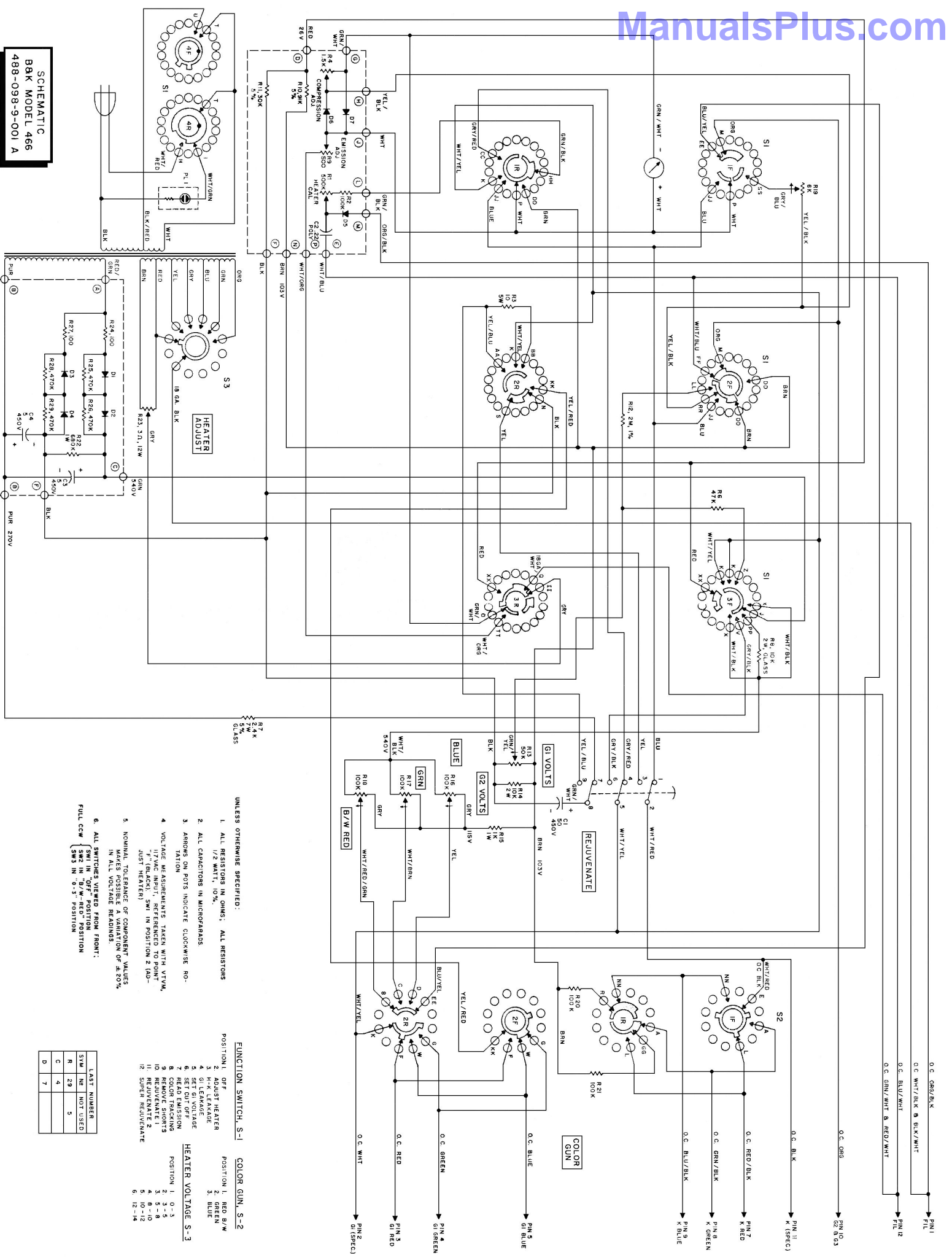


SCHEMATIC
BAK MODEL 466
 488-098-9-001 A



- UNLESS OTHERWISE SPECIFIED:
1. ALL RESISTORS IN OHMS; ALL RESISTORS 1/2 WATT, 10%.
 2. ALL CAPACITORS IN MICROFARADS.
 3. ARROWS ON POTS INDICATE CLOCKWISE ROTATION.
 4. VOLTAGE MEASUREMENTS TAKEN WITH VTVM, "F" (BLACK); SW1 IN POSITION 2 (ADJUST HEATER).
 5. NOMINAL TOLERANCE OF COMPONENT VALUES MAKES POSSIBLE A VARIATION OF ±20% IN ALL VOLTAGE READINGS.
 6. ALL SWITCHES VIEWED FROM FRONT:

- FUNCTION SWITCH S-1
- | | |
|------------|------------------|
| POSITION 1 | OFF |
| 2 | ADJUST HEATER |
| 3 | H-K LEAKAGE |
| 4 | SET OUT VOLTAGE |
| 5 | SET OUT OFF |
| 6 | READ EMISSION |
| 7 | REMOVE SHORTS |
| 8 | RECUVENATE 1 |
| 9 | RECUVENATE 2 |
| 10 | SUPER RECUVENATE |
- COLOR GUN S-2
- | | |
|------------|---------|
| POSITION 1 | RED B/W |
| 2 | GREEN |
| 3 | BLUE |
- HEATER VOLTAGE S-3
- | | |
|------------|-------|
| POSITION 1 | 0-3 |
| 2 | 3-5 |
| 3 | 5-8 |
| 4 | 8-10 |
| 5 | 10-14 |

LAST NUMBER	SYM	NR	NOT USED
R	29		5
C	4		
D	7		

B & K MODEL 466 PARTS LIST

488-098-9-002

SCHEMATIC SYMBOL	DESCRIPTION	B & K PART No.
RESISTORS & CONTROLS		
R-1	500K Ω , Trim Pot (HEATER CAL)	008-129-9-001
R-3	10 Ω , 5 watt, 10% Wirewound Resistor	006-005-6-100
R-4	1.5K Ω , Trim Pot (COMPRESSION ADJUST)	008-127-9-001
R-7	2.4K Ω , 7 watt, 5% Glass Resistor	003-007-5-242
R-8, R-14	10K Ω , 2 watt, 10% Glass Resistor	003-002-6-103
R-9	500 Ω , Trim Pot (EMISSION ADJUST)	008-108-9-001
R-12	2 meg Ω , 1/2 watt, 1% Deposited Carbon Resistor	002-102-3-205
R-13	50K Ω , G ₁ Control	008-135-9-001
R-16 } R-17 } R-18 }	100K Ω , G ₂ CUTOFF Control	008-125-9-001
R-19	6K Ω , NORMALIZE Control	008-148-9-001
R-23	3 Ω , W.W. HEATER ADJUST Control	009-029-9-001

CAPACITORS

C-1	50 μ fd, 450 Volt Electrolytic Capacitor	021-003-9-006
C-2	0.22 μ fd, 200 Volt, 10% Polyester Capacitor	025-028-9-001
C-3, C-4	5 μ fd, 450 Volt Electrolytic Capacitor	021-006-9-001

TRANSFORMER & SWITCHES

T-1	Power Transformer, 117 Volt Pri. 60Hz	065-059-9-001
S-1	12 Pos. FUNCTION Switch	083-108-9-001
S-2	3 Pos. COLOR GUN Switch	083-094-9-001
S-3	6 Pos. HEATER Switch	083-091-9-001
S-4	REJUVENATE Switch (Push Button)	088-006-9-001

DIODES

D-1 } Thru } D-7 }	Diode, Silicon 1 ampere, 600 Volt	151-018-9-001
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KNOBS

Knob, Function Switch	751-005-9-005
Knob, Clear Spun Insert	751-040-9-001

**COMPOSITE
499-020-9-001**

SCHEMATIC SYMBOL	DESCRIPTION	B & K PART No.
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ADAPTERS

	A, B, C, & D Adapter Assembly	CR-62
	H & J Adapter Assembly	CR-63
	K & L Adapter Assembly	CR-64

MISCELLANEOUS

	Case & Lid	271-007-9-001
ME-1	Meter	320-028-9-001
	Line Cord	420-001-9-009
PL ₁	Neon Lamp	401-001-9-002

NOTE: Standard value resistors and capacitors are not listed, values may be obtained from schematic diagram.

Minimum charge \$2.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express.

Specify Serial Number When Ordering Replacement Parts.