



FOR 110V OPERATION  
WIRED AS SHOWN  
FOR 250V OPERATION  
REMOVE JUMPER  
(1-3, 2-4) AND  
ADD JUMPER 2-3

NOTES:  
ALL RESISTORS IN OHMS UNLESS OTHERWISE SPECIFIED.  
WAVEFORMS SHOWN AT 100Hz.  
DC VOLTAGE READINGS MAY VARY AS MUCH AS (±20%+0.01VOLTS) FROM VALUES SHOWN.  
SIGNAL GROUND  $\equiv$   
CHASSIS GROUND  $\equiv$   
FREQUENCY CONTROLS ARE SHOWN WHEN OSCILLATOR IS TUNED TO 100Hz.  
FRONT PANEL CONTROL  $\equiv$   
REAR PANEL CONTROL  $\equiv$   
PC BOARD CONTROL  $\equiv$   
m $\mu$  = MICROFARAD  
p $\mu$  = PICOFARAD

OUTPUT ATTENUATOR SWITCHING SEQUENCE

POSITION	1	2	3	4	5	6	7	8	9	10
A	1	2	3	4	5	6	7	8	9	10
B	1	2	3	4	5	6	7	8	9	10
C	1	2	3	4	5	6	7	8	9	10
D	1	2	3	4	5	6	7	8	9	10
E	1	2	3	4	5	6	7	8	9	10
F	1	2	3	4	5	6	7	8	9	10
G	1	2	3	4	5	6	7	8	9	10
H	1	2	3	4	5	6	7	8	9	10
I	1	2	3	4	5	6	7	8	9	10
J	1	2	3	4	5	6	7	8	9	10

QUANT SYMBOLS:  $\equiv$  FRONT PANEL CONTROL  
 $\equiv$  REAR PANEL CONTROL  
 $\equiv$  PC BOARD CONTROL  
 CONNECTED END OF ZERO RESISTOR TO COMMON TERMINAL OF SWITCH

TITLE SCHEMATIC  
 PRECEDENT ORIGINAL ANALYZE  
 4100(A) 4100(B) 4100(C) 4100(D) 4100(E) 4100(F) 4100(G) 4100(H) 4100(I) 4100(J)  
 R-42  
 11-13-64  
 KROHN-HITE CORPORATION  
 MODEL 3428  
 11-13-64