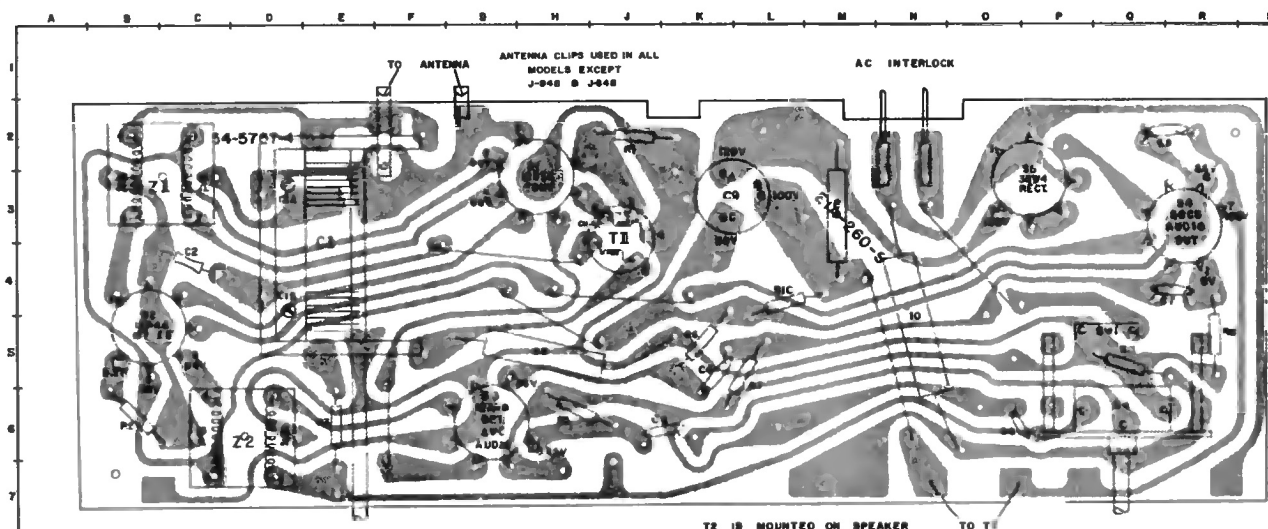


NOTE: Make up a 6-8 turn, 6 inch diameter loop from insulated wire, connect to signal-generator leads, and place near radio loop.

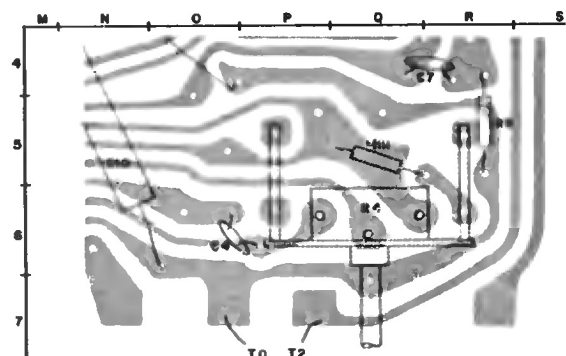
PHILCO Models J-769, J-772, J-773, J-774, J-775, J-838, J-840, etc., Continued



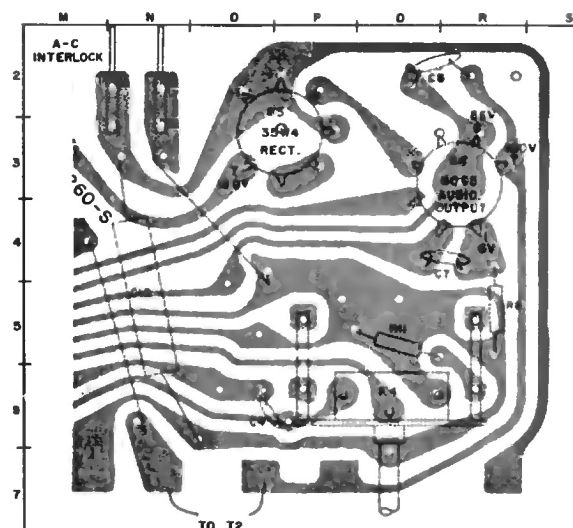
Bottom View of Perma Circuit Panel Component Layout Model J-838

MODEL J-773

In model J-773 the silence time for the forty winks is 7 minutes. After 7 minutes the buzzer goes on again. This 7 minute cycle may be repeated 5 times.



Bottom View, Partial Printed Panel Showing Model J-769 Foil Difference in B-Circuit



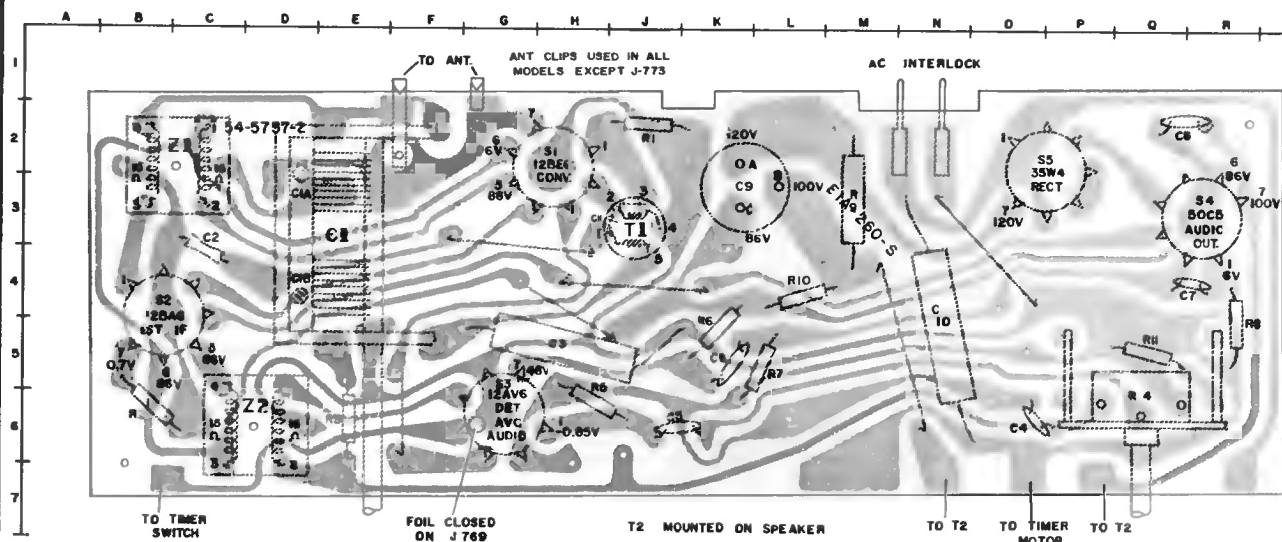
Bottom View, Partial Printed Panel Showing Model J-775 Foil Difference in Rect Fil Circuit and Connections to T2

PARTS COMMON TO ALL MODELS

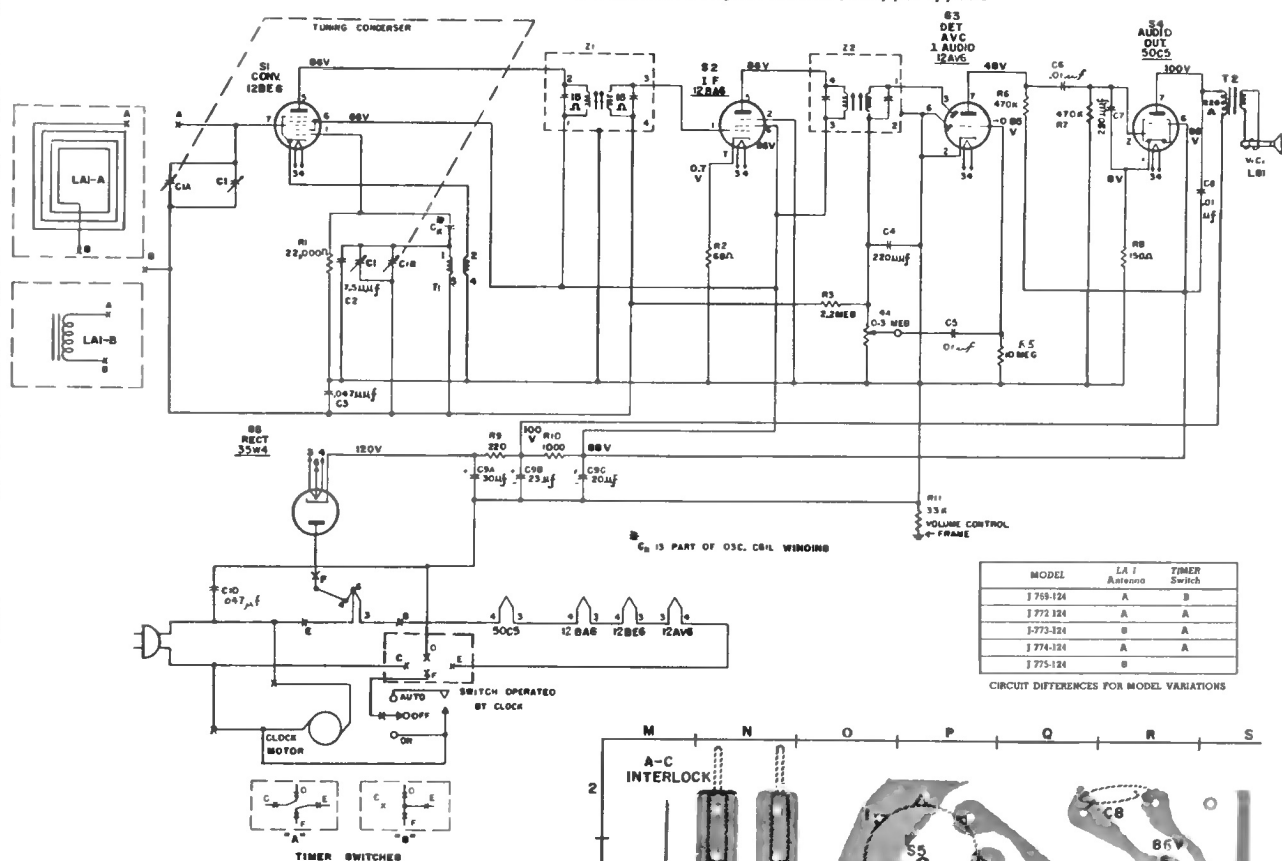
Sym- bol	Loca- tion	Description	Service Part No
C1	E3	Capacitor, variable, tuning	
C2	C4	Capacitor, 7.5 mmf, temp. comp.	30-1224-83
C3	H5	Capacitor, .047 mf, AVC	30-4650-45
C4	O6	Capacitor, 220 mmf, diode filter	30-1262-23
C5	J6	Capacitor, .01 mf, 1st audio grid	30-1262
C6	K5	Capacitor, .01 mf, output grid	30-1262
C7	Q4	Capacitor, 220 mmf, output grid	30-1262-23
C8	Q2	Capacitor, .01 mf, output plate	30-1262
C9	L3	Capacitor, electrolytic (3 section) 20 mf, 25 mf, 30mf, +150VDC	30-2585-11
C10	N5	Capacitor, .047 mf line bypass	30-4650-45
R1	J2	Resistor, converter grid, 22,000 ohms	66-3228340
R2	B6	Resistor, I-F bias, 68 ohms	66-0688340
R3	E6	Resistor, AVC filter, 2.2 megohms	66-5228340

Sym- bol	Loca- tion	Description	Service Part No.
R4	Q6	Resistor, volume control, .5 megohms	
R5	H6	Resistor, 1st audio grid, 10 megohms	66-6108340
R6	K5	Resistor, 1st audio plate, 470,000 ohms	66-4478340
R7	L5	Resistor, audio output grid, 470,000 ohms	66-4478340
R8	R5	Resistor, audio output bias, 150 ohms	66-1158340
R9	M3	Resistor, B+ filter, 220 ohms, 1 watt.	66-1224340
R10	L4	Resistor, B+ filter, 1000 ohms	66-2108340
R11	Q5	Resistor, isolation, 33,000 ohms	66-3338340
T1	J3	Transformer, osc.	32-4756-1
T2		Part of Speaker	32-8384-2
Z1	C2	Transformer, 1st I-F	32-4583-23
Z2	D6	Transformer, 2nd I-F	32-4583-23
G1		Contact Panel, antenna	28-12282

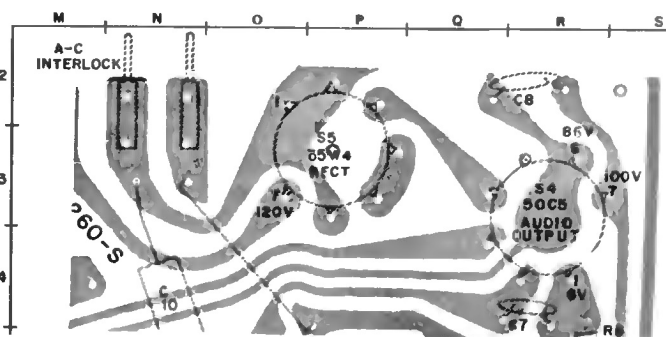
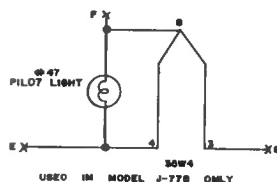
PHILCO Models J-769, J-772 thru J-775, J-838, J-840, J-842, etc., Continued



Bottom View of Perma Circuit Panel Component Layout Models J-772, J-773, J-774



Schematic Diagram Model J-772



Bottom View, Partial Printed Panel Showing Models J-840, J-842, J-845, J-846. Foil Difference in Rect. Filament Circuit