

MODEL 60 and 60-C

ATWATER KENT MFG. CO.

3rd Type

SPECIAL NOTE.

The Model 60-C, 3rd type was made in two productions. In the first production of this model, the r-f bias resistor, the 1st r-f bias resistor and the 1st a-f bias resistor were of the flat type; that is, wire wound upon a flat bakelite strip about 3 inches long by $\frac{3}{4}$ inch wide. In the second production of this model these "flat" resistors were replaced by "flexible" resistors which resemble ordinary insulated leads, except that each resistor has a die cast or molded metal lug at each end. The identification of these resistors is as follows:-

R-f bias resistor	#15830	Brown with white diagonal tracer
1st r-f bias	#15810	Brown with white straight stripe and no chassis lug
1st a-f bias	#15820	Brown with white straight stripe and one chassis lug.

When examining the chassis diagram you will find that these flexible resistors are indicated and bear descriptive designations, relative to their function and not color code.

FILTER CONDENSERS

Detector filter	.5 mfd	connected between terminal (1) and can
Filter #1	.1 mfd	connected between terminal (3) and center stud
Filter # 2	2.0 mfd	connected between terminal (2) and center stud
Filter #3	1.0 mfd	connected between terminal (4) and can

BYPASS CONDENSERS

RF Bypass #1	L	.01 mfd	400 volts	L	.01 mfd	400 volts
	C	.1 mfd	400 volts	E	.1 mfd	400 volts
RF Bypass #2	A	.1 mfd	150 volts	U	.12 mfd	400 volts
	B	.1 mfd	150 volts			
RF Bypass #3	D	.1 mfd	150 volts	H	.2 mfd	400 volts
	T	.04 mfd	400 volts			
Detector Bypass	F	.1 mfd	400 volts	M	.075 mfd	400 volts
	P	.00025 mfd	400 volts	P	.0012 mfd	400 volts

The function of the various individual units is designated upon the schematic wiring diagram.

MODEL 60 -C 3 rd type bears serial numbers from 5,670,001 to 5,684,000. It can further be recognized by the fact that the "local-distance" switch is connected to the secondary of the input transformer, "ahead" of the 1st r-f tube. This type connection is used only in the 3rd type of this model and in both productions of this model.

MODEL 60-C 2nd type has the "local-distance" switch between the 2nd and 3rd r-f tubes.

MODEL 60-C 1st type, has this switch between the 1st and 2nd r-f tubes.