

Atwater Kent

Model: 32

Chassis:

Year: Pre June 1933

Power:

Circuit:

IF:

Tubes:

Bands:

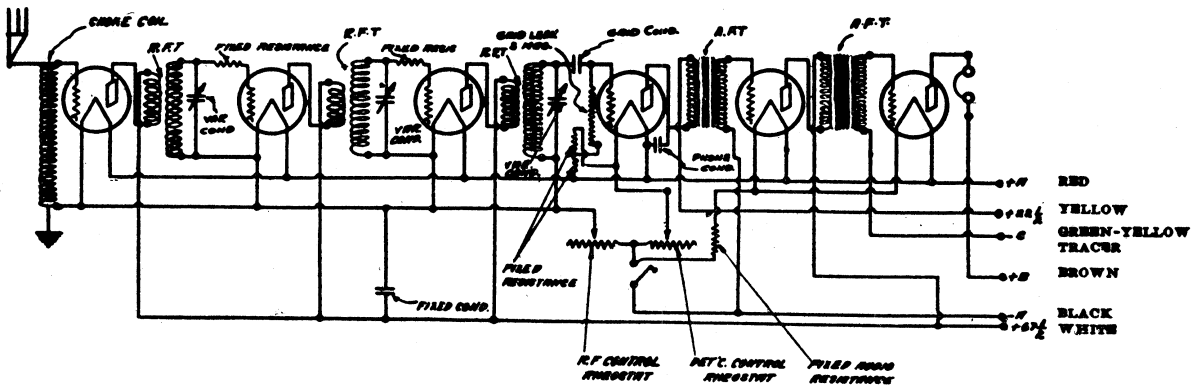
Resources

Riders Volume 1 - A.-K. 1-4

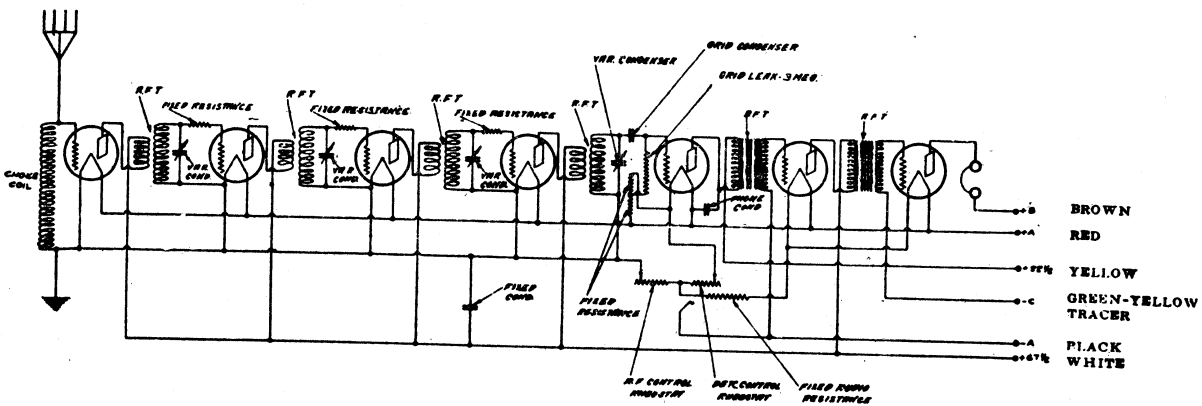
Riders Volume 3 - A-K 3-4

MODEL 30
 MODEL 32
 MODEL 35
 MODEL 48

ATWATER KENT MFG. CO.



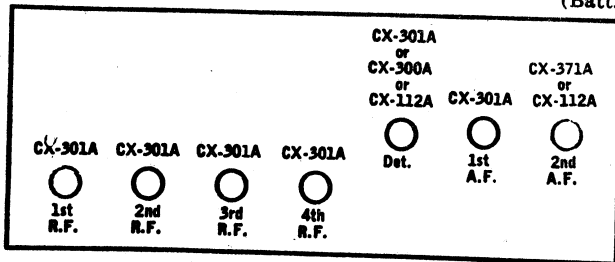
WIRING DIAGRAM OF MODELS 30, 35 AND 48. (In Model 35, one rheostat controls the three R.F. filaments and a fixed resistance is connected in series with the detector and two A.F. filaments.)



WIRING DIAGRAM OF MODEL 32.

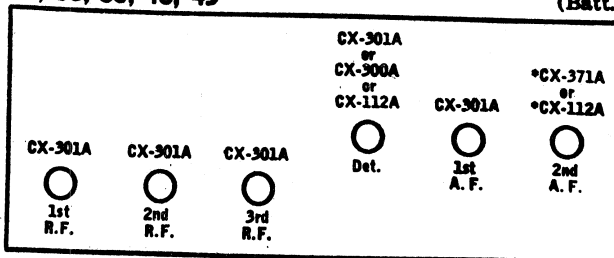
32

(Batt.)



30, 33, 35, 48, 49

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MODEL 32

ATWATER KENT MFG. CO.

Data

Model 32

CONDENSERS

Detector phone	.002 mfd	# 8241	500 volts
Detector grid	.00025 mfd	# 8112	500 volts
Plate bypass	.3 mfd	# 14902	450 volts

RESISTORS

Grid suppressors	865 ohms	# 8284	flat wire wound
Detector grid leak	2.0 megs	# 15892	1 watt green
Detector bias	450 ohms	# 8190	tapped 180-270 ohms
A-f filament	1.5 ohm	# 8256	green covered
Detector rheostat	20 ohms	# 8310	
R-f rheostat	5 ohms	# 8308	

TRANSFORMERS

1st a-f primary	1000 ohms	# 8060
1st a-f secondary	7000 ohms	
2nd a-f primary	1700 ohms	# 7661
2nd a-f secondary	3250 ohms	

CHOKES

Antenna choke	35 ohms	# 8232
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Phone condenser and grid bias resistor are mounted upon detector and a-f tube shelf. The plate bypass condenser is located adjacent to the 4th r-f socket. The antenna choke listed above is designated as the "choke coil" in the wiring diagram.

The antenna choke is located near the 1st r-f tube socket. The plate bypass condenser referred to in the above parts specification is listed as "fixed condenser" in the wiring diagram. While it is true that the wiring diagram illustrates a 3. meg detector grid leak, the Atwater-Kent parts list calls for the 2. meg unit mentioned above.

Model 35 Late

The parts used in the Model 35 Late, are the same as in Model 35 Early, except that the grid suppressors are 350 ohms each and are part # 8349 and are flat wire wound units.