

ATWATER KENT MFG. CO

MODELS 41 and 51

Models 41 and 51

Data

SPECIAL NOTE.

Wiring diagrams of the three types of power packs employed in conjunction with this receiver are shown upon page 150

These parts are in the receiver chassis.

CONDENSERS

R-f filament bypass	.1 mfd # 15157	450 volts*
R-f plate bypass	.1 mfd # 15157	450 volts*
Detector phone	.002 mfd # 14072	500 volts
Detector grid	.00025 mfd # 8112	500 volts
Volume control bypass	.03 mfd # 13956	200 volts**
Detector filament bypass	.2 mfd # 13956	200 volts**

* All condensers in one can. Three used for r-f filament and one for r-f plate circuit.

** Both condensers in same can.

RESISTORS

Volume control	400 ohms # 13604	wire wound
Grid suppressors	350 ohms # 8439	flat wire wound
Detector grid leak	2.0 megs # 15892	1 watt green
Filament shunt	535 ohms # 14039	tapped for 235, 125 and 175 ohms. Yellow lead to contact 1. Between contact 1 and 2, 235 ohms; between contact 2 and 3, 125 ohms. Between contact 3 and 4, 175 ohms. Flat wire wound.
1st r-f plate	5000 ohms # 13901	thin tubular
1st r-f bias	4 ohms # 13961	thin green covered, flex.

TRANSFORMERS

1st a-f primary	1000 ohms # 8060
1st a-f secondary	7000 ohms
2nd a-f primary	900 ohms # 14015
2nd a-f secondary	7000 ohms

These parts are in the power pack chassis.

Voltage regulator	242 ohms # 14041	flat wire wound
Detector plate resistor	12500 ohms # 15941	Originally # 9424. Tubular
Filter chokes	90 ohms Total	
Output choke	550 ohms	