

HOWARD RADIO COMPANY

MODEL - 901

SOCKET VOLTAGE READINGS:

All voltages taken from the back of the AC switch to the socket contacts with a 20,000 ohm per volt D.C. meter and the line voltage fixed at 117 volts A.C.

TUBE	FUNCTION	CATH-ODE	SCR. GRID	PLATE	OSC. PLATE
12SA7	Mixer		92	92	92
12SK7	I.F. Amp.	3	92	92	
12SQ7	Det.			44	
50L6GT	Output	5.8	92	85	

ALIGNMENT INFORMATION

Each 455 KC I. F. coil has an Iron Core adjustment protruding from the top and the bottom of the I. F. can. Look beneath the chassis to reach the lower I. F. adjustments. Repeat the I. F. alignment operation several times to insure accuracy.

Add or remove resistance in the cathode circuit of the 12SK7 tube as the I. F. gain indicates.

The wire lead running from the loop aerial between the I. F. coils and the gang is important in its placement. Dress this wire tightly to the chassis.

Set dial at 1400 KC. and adjust oscillator trimmer which is located on back of variable condenser, then peak antenna stage trimmer on front section of condenser to 1400 KC. No adjustment is required at the low frequency end.

The filter condenser has a common negative, but note it does not return to ground. and is insulated from the chassis.



