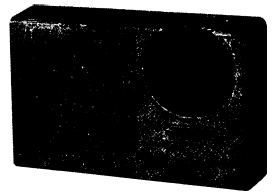
Astor P17L

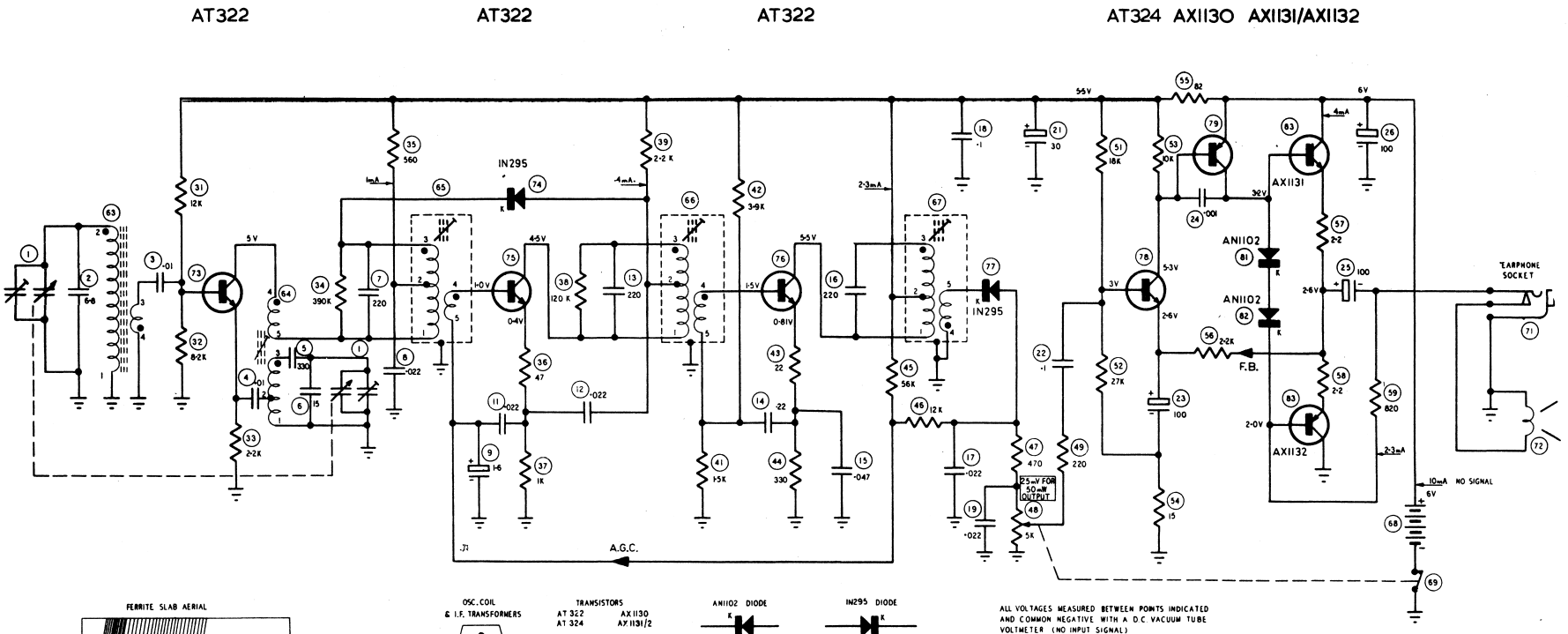
Tuning Range - 525 - 1610 Kc/s.

Intermediate Frequency	- 455 Kc/s
Power Output	- 100 Milliwatts
Current Consumption	- 9mA approx.(No signal.)
Supply Source	- 6V. DC. - four 1.5V cells in series



ACCESS TO INTERIOR OF CABINET

Remove two screws and prise rear section off body of cabinet.



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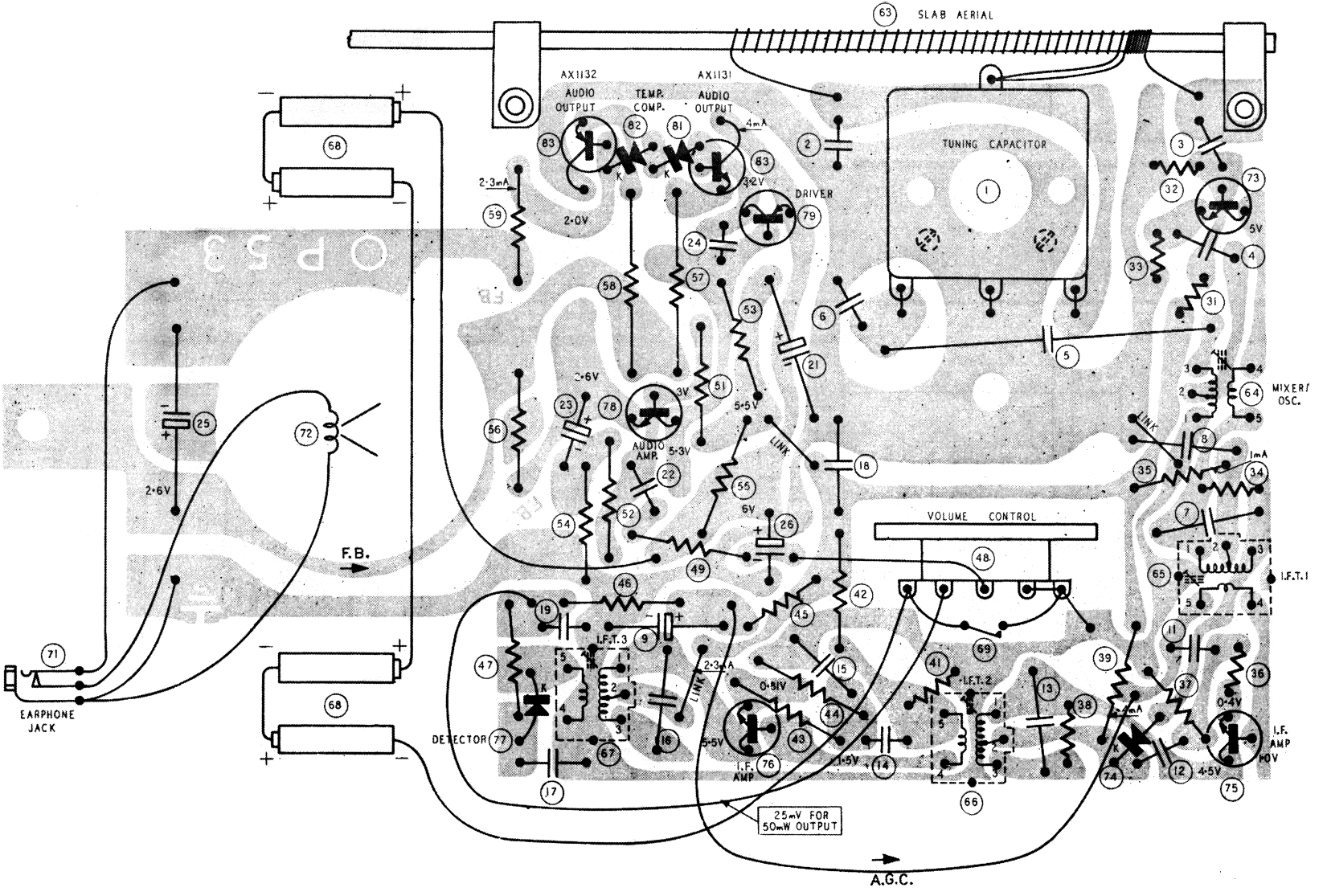

ALIGNMENT EQUIPMENT

Signal Generator - modulated 400 cps.
Output Meter - 15 ohm impedance
Generator Series Capacitor - .1uF P/No. 4006-005-03
Alignment Tool
Flat metal blade end - P/No. 4121-001-01 for I.F.T. and Osc. coil iron core adjustment and trimmer capacitor adjustment.

ALIGNMENT CONDITIONS

Volume Control - maximum setting
Output Level - 50 milliwatts
Output Meter Connection - to receiver earphone socket. Plug, P/N. 7171-015-01 is available for this purpose.
Supply Voltage - 6V DC. (four 1.5V cells in series.)

INTERMEDIATE FREQUENCY TRANSFORMER ALIGNMENT

Remove two screws and prise rear section off cabinet. The receiver chassis does not have to be removed from cabinet for alignment purposes.
Fully mesh tuning gang plates and loosen tuning indicator locking screw. Set indicator to low frequency end of travel dial spot then tighten lock screw.
Set tuning control to high frequency end of travel.
Insert .1uF capacitor in series with generator "hot" lead.

Oper. No.	Generator Connection	Generator Frequency	Instructions
1	To aerial secondary lead (convertor base.)	455Kc/s	Adjust iron core of 3rd IF trans. for max. output.
2	As oper. 1	455Kc/s	Adjust iron core of 2nd IF trans. for max. output.
3	As oper. 1	455Kc/s	Adjust iron core of 1st IF trans. for max. output.
4	Repeat operations 1, 2 and 3 in same order.		

BROADCAST ALIGNMENT

A To inject a signal into the receiver connect 2ft. of aerial wire to the "hot" terminal of signal generator. Fashion wire into a vertical position.

B Place receiver so that ferrite aerial is uppermost and horizontal. Tuning end of receiver is to be toward but not less than one foot from generator aerial wire.

Oper. No.	Generator Connection	Generator Frequency	Instructions
1	Refer Para. A.& B.	600Kc/s	Set tuning indicator to 600Kc/s spot on dial. Screw in aerial trimmer to max. capacity then unscrew a half turn. Adjust iron core of oscillator coil for maximum output whilst rocking the gang thru signal.
2	As oper. 1	1400Kc/s	Set tuning indicator to 1400Kc/s spot on dial. Adjust oscillator and aerial trimmer capacitors for max. output. Do not rock gang.
3	As oper. 1	600Kc/s	Tune receiver to generator. Adjust iron core of osc. coil for max. output whilst rocking gang thu signal.
4	Repeat operations 2 & 3		
5	Tuning range 525 to 1610Kc/s approx.		

TUNING INDICATOR DISC SETTING

Loosen disc locking screw, anticlockwise. Rotate the disc for optimum logging of the local stations then securely tighten the lock screw.