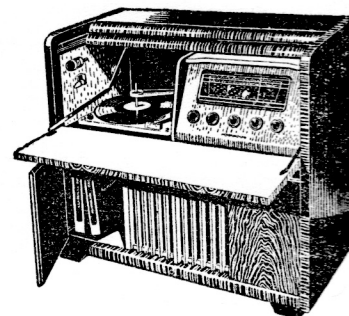


PHILIPS SERVICE NOTES



WAVERANGE

BC 518—1710 kc/s
SW 5.6—19.5 mc/s
Bandspread 25 & 31 meters

VALVES

ECH81, EBF89, ECC83, ECC83, EL86
EL86, EZ81, EM34
A2Z97A Stereo Adaptor
ECC83, EL86, EL86, EZ80

I.F.

452 kc/s

LOUDSPEAKERS

9758A, 2AD3500BM, AD3700BM

Festival Hall Mk. IV
F8Z88A

VOLTAGE TABLE

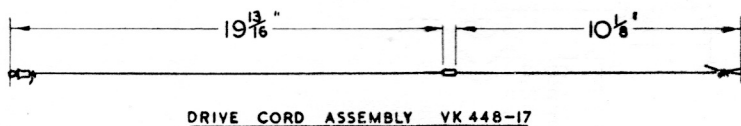
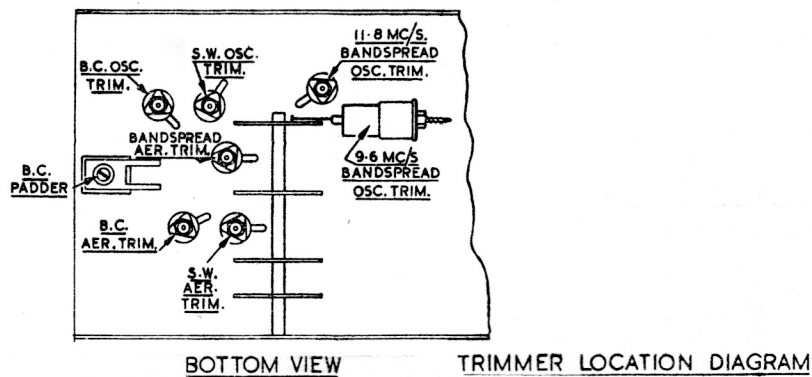
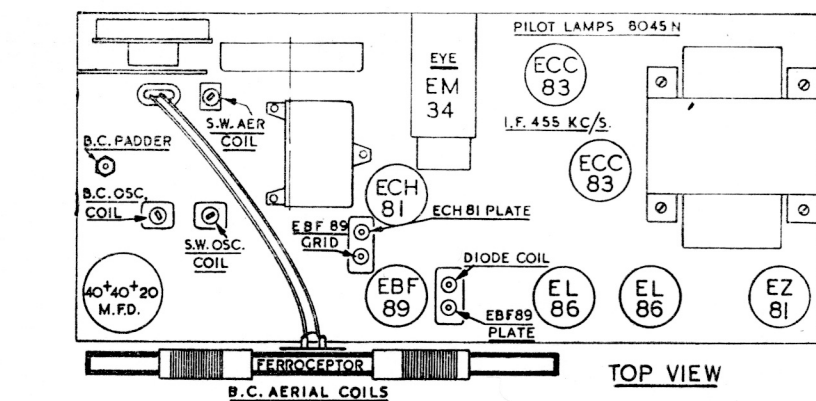
All measurements taken with, D.C., 20K ohms per volt meter; A.C., 1K ohms per volt meter.
Plus/Minus 5% Tolerance

Valve	Function	Anode	Screen	Cathode	Heater
ECH81	Frequency Converter and Oscillator	tri. 220 Hex. 95	80		6.25
EBF89	I.F. Amp., Demodulator Delayed A.V.C.	220	56.5		6.25
ECC83	Audio Voltage Amplifier	112 Pin 1 109 Pin 6	—	—	6.25
ECC83	Driver	95 Pin 1 230	—	.615 11.75	6.25
EL86	Single-ended Push Pull	Top 155	125	148	6.18
EL86	Single-ended Push Pull	Bottom 150	175	10.8	6.18
EZ81	Full Wave Rectifier Stereo 297	260 + 260	—	305	6.18

A2Z97A STEREO ADAPTOR					
ECC83		130 Pin 1 220 Pin 6	—	—	5.95
EL86	Single-ended Push Pull	Top 150	125	155	5.95
EL86	Single-ended Push Pull	Bottom 145	165	11.5	5.95
EZ80	Full Wave Rectifier	285 + 285	—	305	5.95

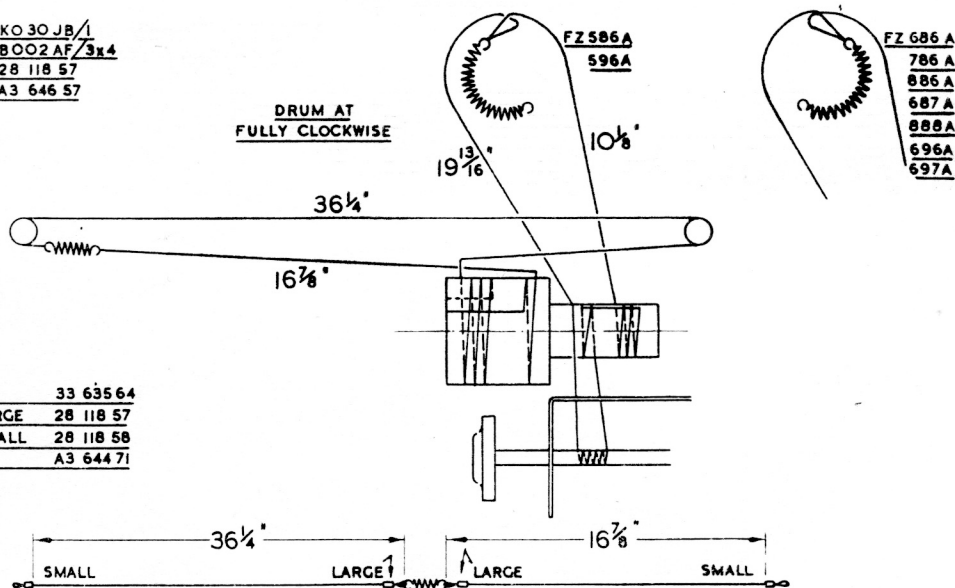
ALIGNMENT OF RECEIVER

Wavechange Switch	Connect to Sig. Gen.	Trimming Frequency	Adjust to Maximum Output Voltage	
B.C.	Grid ECH81	455 kc/s Gang Min.	Diode Coil, Plate Coil EBF89, Plate Coil ECA81, Grid Coil EBF89	
B.C.	Ae.	600 kc/s	B.C. Padder, B.C. Ae. Coil Slug	Repeat
B.C.	Ae.	1500 kc/s	B.C. Osc. Trimmer, B.C. Ae. Trimmer	Repeat
S.W.	Ae.	6 mc/s	S.W. Osc., Slug, S.W. Ae. Slug	Repeat
S.W.	Ae.	18 mc/s	S.W. Osc. Trimmer, S.W. A.e. Trimmer	Repeat
	Ae.	9.6 mc/s	9.6 mc/s Osc. Trimmer	Repeat
	Ae.	11.8 mc/s	11.8 mc/s Ae. Trimmer	Repeat



CORD	KO 30 JB/1
EYELET	BOO2 AF/3x4
BRASS TUBE	28 118 57
SPRING	A3 646 57

DRUM AT
FULLY CLOCKWISE



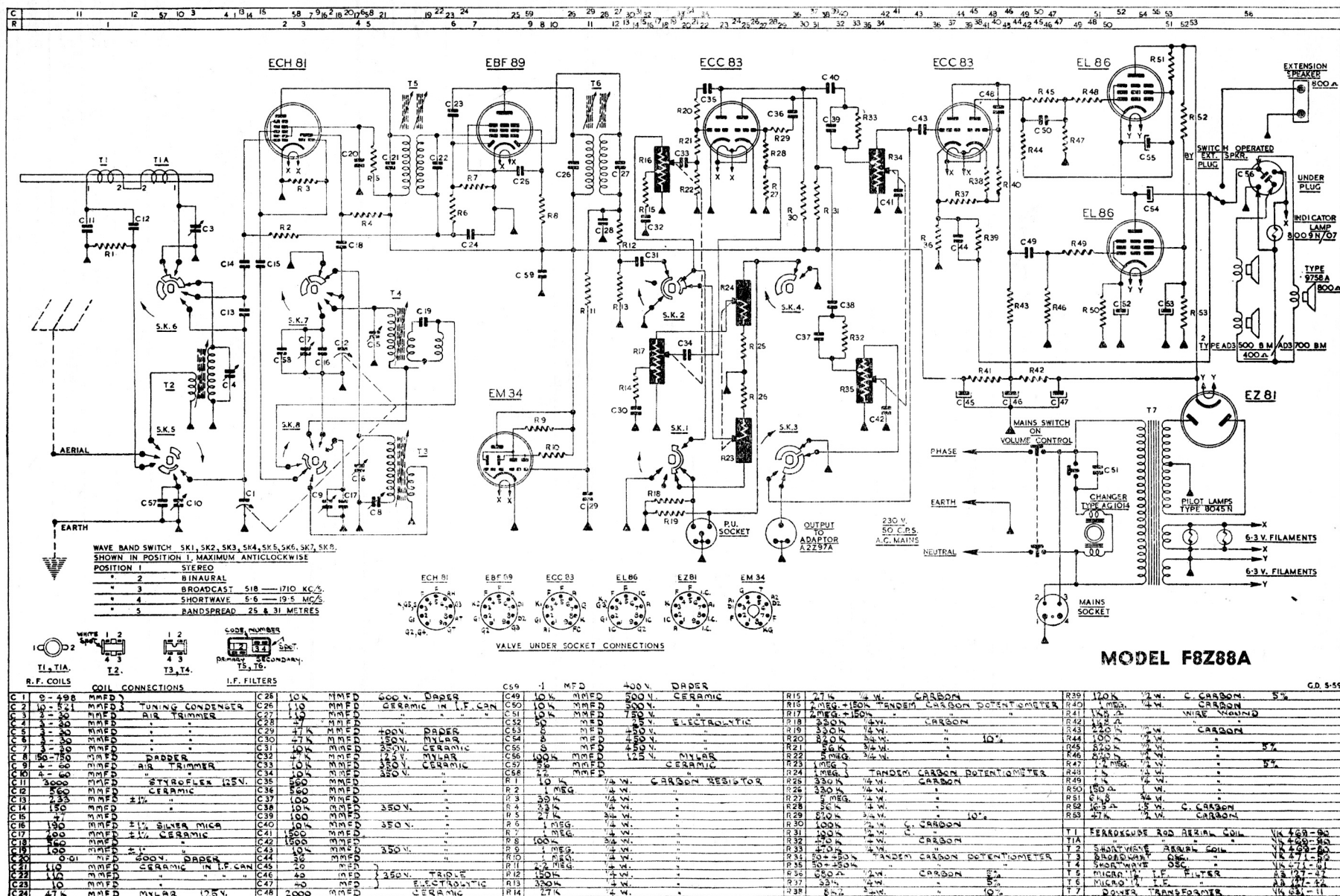
POINTER CABLE ASSEMBLY VK 448-11

DIAL CORD DIAGRAM

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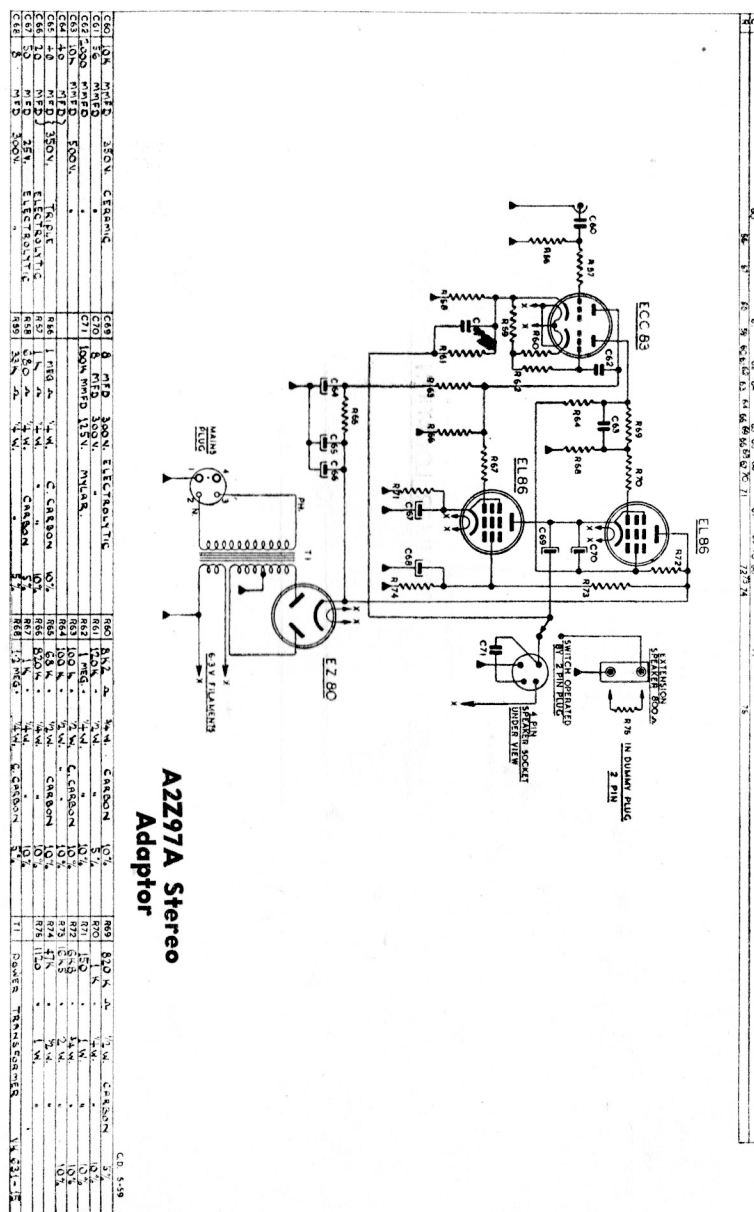
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RADIO WHOLESALERS LTD.

P.O. Box 527

INVERCARGILL

PHILIPS "FESTIVAL HALL" Mk. IV—MODEL F8Z88A



MODEL F8Z88A