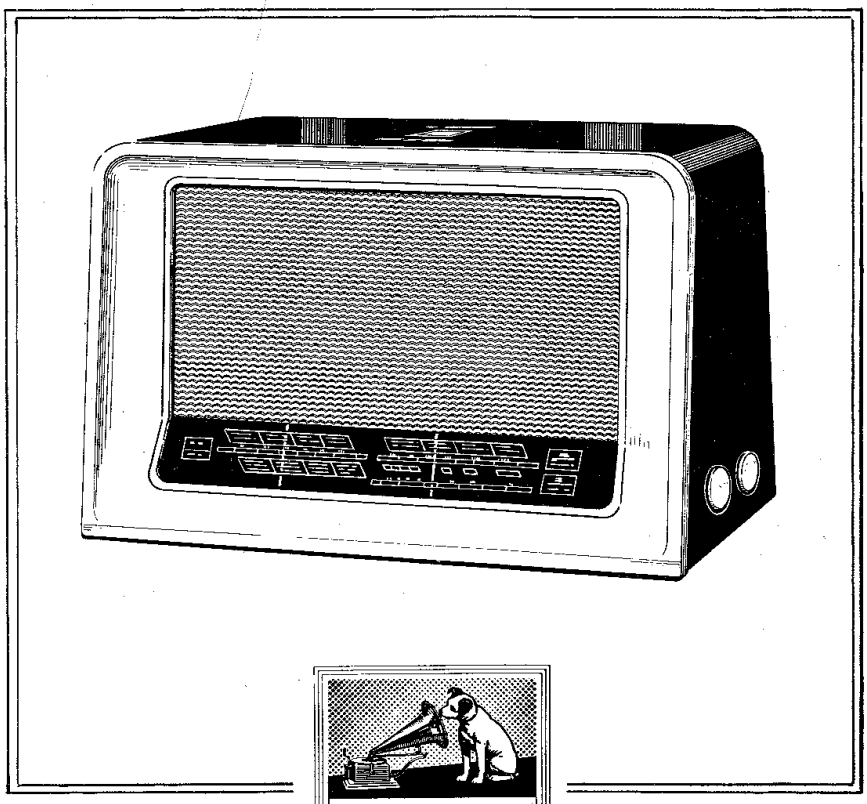
# "His Master's Voice"



"HIS MASTER'S VOICE"

*The Hallmark of Quality*

# SERVICE MANUAL

## Model 1125

### 5-valve Superhet Table Receiver for A.C. Mains

CONTENTS





Part No. 49485

JULY, 1958

Reprinted SEPTEMBER, 1955

# MODEL 1125

## SPECIFICATION

**Physical**

| | | |
|---|---|---|
| Height | 12½ inches | Approx. Overall. |
| Depth | 10 inches | |
| Width | 20½ inches | |
| Weight | 19½ lbs. | |

**Mains Supply.**

195—255 volts, 50—100 cycles.

**Consumption.**

40 watts.

**Wave Ranges.**

| | |
|---|---|
| S.W. | 16·3—51·7 metres. |
| M.W. | 187—575 metres. |
| L.W. | 900—2,000 metres. |

**Intermediate Frequency.**

470 kc/s.

**Rated Output.**

4 watts maximum.

**Valves.**

| | | |
|---|---|---|
| V1 | X78 | Frequency Changer. |
| V2 | W77 | I.F. Amplifier. |
| V3 | DH77 | Detector, A.G.C. and A.F. Amplifier. |
| V4 | N78 | Output. |
| V5 | U78 | Rectifier. |

**Lamps and Fuses.**

Two Lamps—6·8 volt, 0·3 amp.

Two Fuses—1·0 amp., Cartridge type.

**Loudspeaker.**

The loudspeaker is a dust-proof, 10½-inch elliptical cone permanent magnet moving coil loudspeaker. The speech coil has a D.C. resistance of 3 ohms and an impedance of 5 ohms at 1,000 cycles.

Switch sockets are provided for the connection of an external loudspeaker.

**Connection of Pick-up.**

A pick-up or record player may be connected to the sockets provided. The Volume and Tone controls are operative on gramophone.

## CIRCUIT DESCRIPTION

**Frequency Changer.**

The aerial is inductively coupled to tuned coils in the grid circuit of the triode hexode frequency changer V1 (X78).

The tuned grid coils are adjusted by iron dust-cores and parallel trimmer capacitors.

The local oscillator circuit also has tuned coils adjustable by means of iron-dust cores and parallel trimmer capicitors the tuned windings being in the anode circuit.

Capacity coupling C6 is used on the long wave band.

The first iron-dust cored I.F. transformer (IFT1) couples this valve to the I.F. amplifier.

**I.F. Amplifier.**

The I.F. amplifier V2 (W77) amplifies at the intermediate frequency of 470 kc/s. The second I.F. transformer (IFT2) couples this valve to the detector.

**Detector, A.G.C. and A.F. Amplifier.**

A diode of the double diode triode V3 (DH77) is used as a detector and A.G.C. rectifier. The Volume control VR1 forms the diode load. The A.G.C. voltage is taken from the D.C. component of the speech voltage across VR1 and is applied to control the bias of the grid circuits of V1 and V2 which are decoupled by R7 and C13.

L.F. signals taken from VR1 are applied to the grid of the triode section of V3 and this section is resistance-capacity coupled to the grid of the output valve.

**Output.**

The output valve V4 (N78) has its cathode biased by R16. Tone correction is given by C24 and variable tone control by C23 and VR2. This valve supplies the loudspeaker via an Output Transformer (T1).

**H.T. and Heater Supplies.**

H.T. is supplied from the mains transformer T2 and the full wave rectifier V5 (U78). Smoothing is obtained by C26, R17 and C25.

The heater supplies are taken from separate windings on the mains transformer. Two scales lamps LP1 and LP2 are connected across one of these windings.

# INSTALLATION

**The Aerial and Earth.**

*INTERNAL AERIAL*—The receiver is equipped with an internal plate aerial for use on the Medium and Long wavebands ; no external aerial will be needed to obtain a reception from a selection of stations on these bands.

Plug the lead from the " PLATE AERIAL " socket into the " AERIAL " socket.

*EXTERNAL AERIAL* To receive a selection of stations on the Short waveband or in difficult reception circumstances, *i.e.*, in areas of strong electrical interference or in a steel framed or heavily screened building, and wherever it is desired to obtain maximum sensitivity from the receiver an efficient external aerial must be fitted.

A lightning arrester or switch should be fitted and the aerial must be insulated from all grounded objects.

Plug the external aerial into the socket marked " AERIAL " and see that the lead from the " PLATE AERIAL " is plugged into the " PLATE AERIAL OFF " socket.

*EARTH* An efficient earth should be provided ; never use a telephone earth or a hot water or gas pipe as an earth.

**Mains Supply.**

The receiver may be adjusted to operate on A.C. mains supplies of 195—255 volts, 50—100 cycles.

Insert the voltage adjustment plug into the appropriate sockets.

# DISMANTLING

Complete access to the chassis can be gained by simply removing the card back.

To withdraw the chassis, remove the four control knobs (spring fixing) unscrew the four chassis fixing bolts, remove the earth connection from the chassis and unsolder the loudspeaker leads.

# I.F. AND R.F. ALIGNMENT

**General.**

If the I.F. circuits have been disturbed, complete I.F. and R.F. alignment must follow. Either S.W., M.W., or L.W. bands can be re-aligned without affecting the other bands.

The oscillator tracks at a higher frequency than the signal on all wavebands.

Whilst aligning, the input to the receiver must be progressively reduced as the circuits are brought into line so that the output does not exceed 500mW. (1·4v. across the speech coil).

An A.C. voltmeter (rectifier type) connected across the loudspeaker speech coil may be used as an output meter.

**I.F. Alignment.**

Set the Waveband switch to M.W., the Volume and Tone controls fully clockwise and the gang capacitor to minimum capacity (plates fully disengaged).

1. Inject a modulated signal 470 kc/s into the hexode control grid of V1.
2. Adjust cores L16, L15, L14 and L13 in that order for maximum output.
3. Repeat operations 1 and 2 for optimum results.

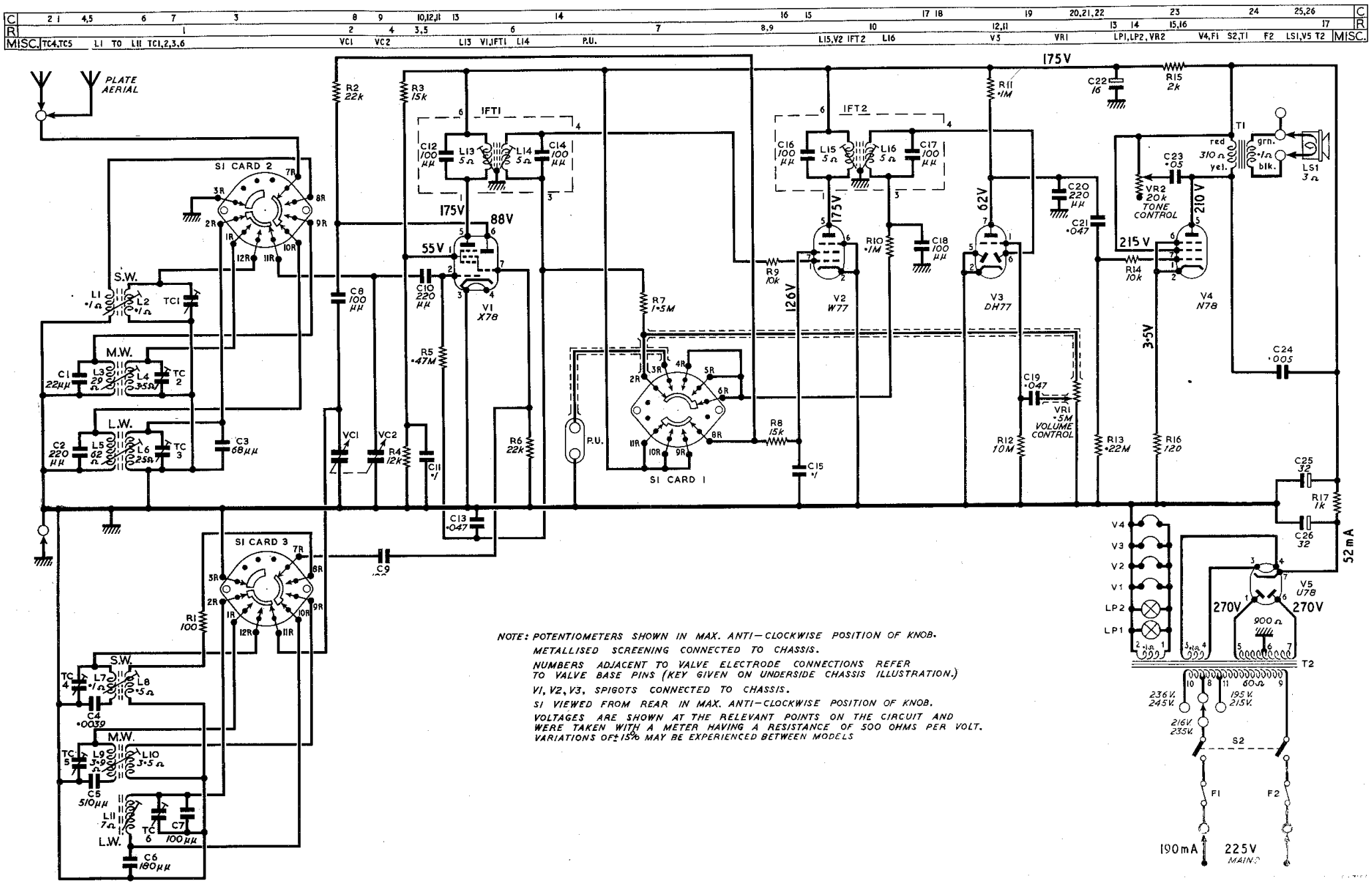
**R.F. Alignment.**

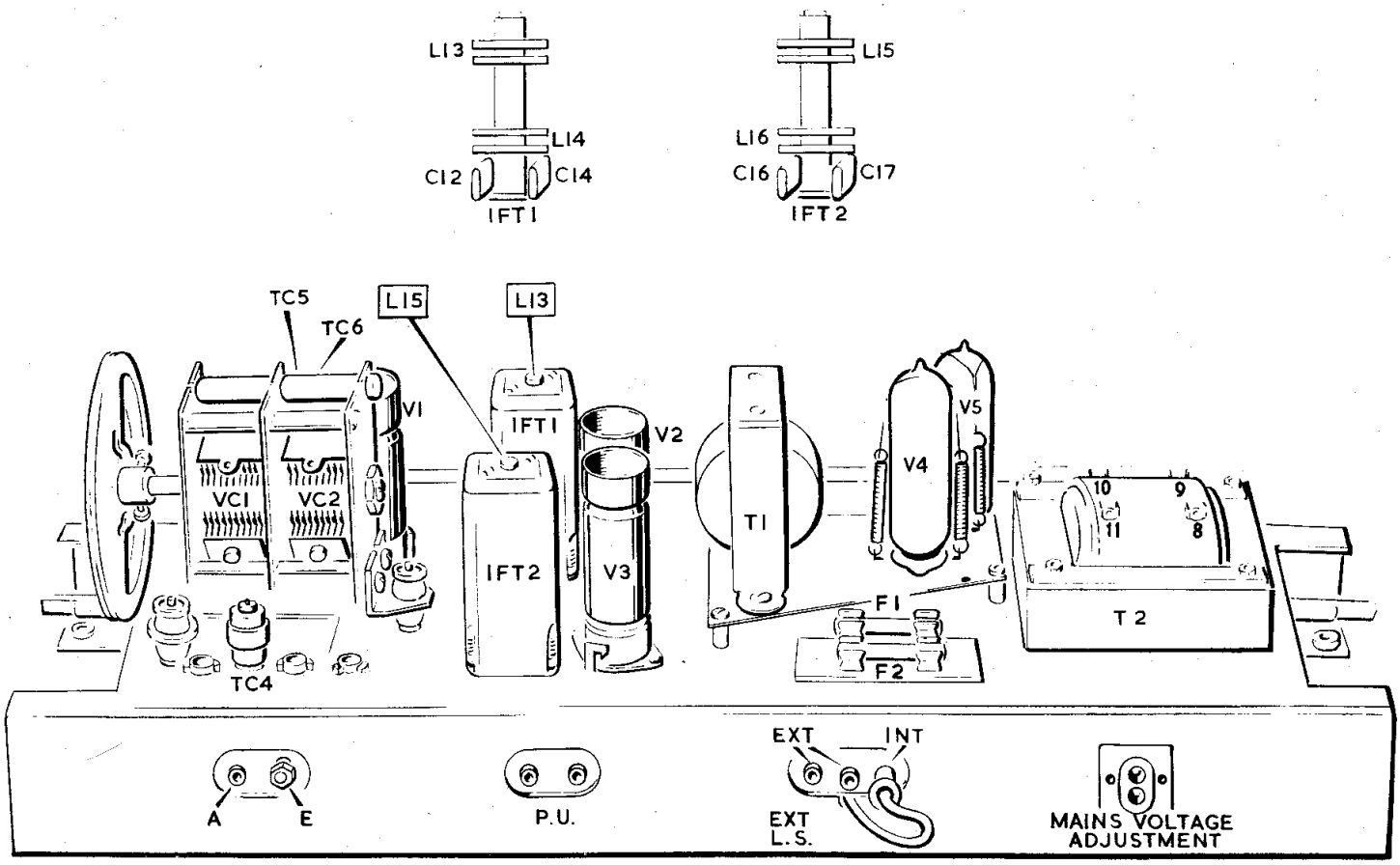
**Short Waves.**

Set Volume and Tone controls fully clockwise and Waveband switch as required. Inject test signal into aerial and earth sockets via a S.W. dummy aerial.

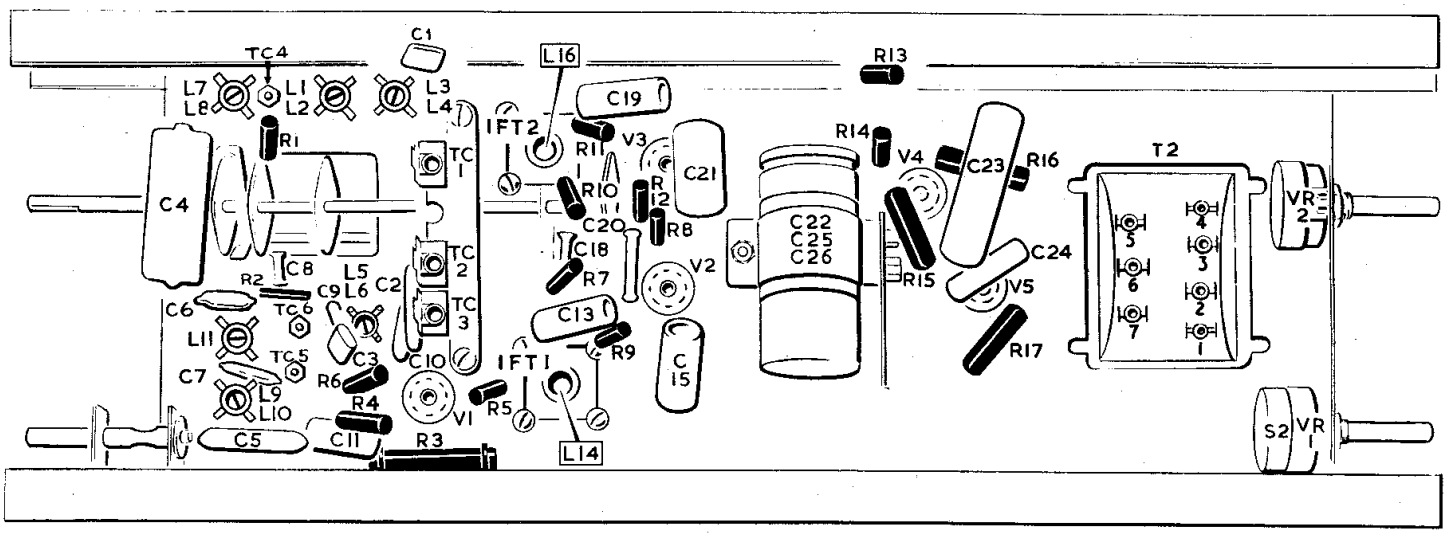
| Waveband Switch | Op. No. | Set Gang | Tune Signal Generator to | | Operation |
|---|---|---|---|---|---|
| | | | m | Mc/s | |
| S.W. . . . . | 1 | Maximum | 51.7 | 5.8 | Adjust L7 for maximum output. |
| | 2 | Minimum | 16.3 | 18.4 | Adjust TC4 for maximum output. |
| | 3 | Tune in | 50 | 6 | Adjust L2 for maximum output. |
| | 4 | Tune in | 16.8 | 17.8 | Adjust TC1 for maximum output. |
| | 5 | — | — | — | Repeat operations 1 to 4. |

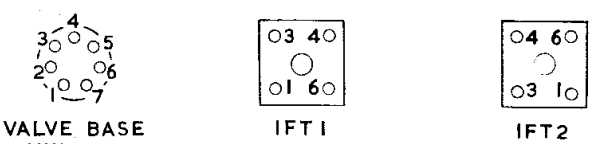
If, when adjusting TC4, it is found that two peaks occur, then the first peak from the fully " screwed in " position should be taken as being the correct one. LOOKING FROM ABOVE CHASSIS.


C 2 1 4,5 6 7 3 8 9 10,12,11 13 14 16 15 17 18 19 20,21,22 23 24 25,26 C
R 1 2 4 3,5 6 7 8,9 10 12,11 13 14 15,16 17 R
MISC. TC4,TC5 L1 TO L11 TC1,2,3,6 VC1 VC2 L13 V1,IFT1 L14 P.U. L15,V2 IFT2 L16 V3 VR1 LP1,LP2,VR2 V4,F1 S2,T1 F2 LS1,V5 T2 MISC.
PLATE AERIAL
SI CARD 2
SI CARD 3
SI CARD 1
S.W.
M.W.
L.W.
TC1
TC 2
TC 3
TC 4
TC 5
TC 6
C1 22μμ
C2 220 μμ
C3 68μμ
C4 •0039
C5 510μμ
C6 180μμ
C7 100μμ
C8 100 μμ
C9
C10 220 μμ
C11 •1
C12 100 μμ
C13 •047
C14 100 μμ
C15 •1
C16 100 μμ
C17 100 μμ
C18 100 μμ
C19 •047
C20 220 μμ
C21 •047
C22 16
C23 •05
C24 •005
C25 32
C26 32
R1 100
R2 22k
R3 15k
R4 12k
R5 •47M
R6 22k
R7 1•5M
R8 15k
R9 10k
R10 •1M
R11 •1M
R12 10M
R13 •22M
R14 10k
R15 2k
R16 120
R17 1k
VR1 •5M VOLUME CONTROL
VR2 20k TONE CONTROL
IFT1
IFT2
VC1
VC2
P.U.
V1 X78
V2 W77
V3 DH77
V4 N78
V5 U78
T1
T2
LS1 3Ω
S2
F1
F2
175V
88V
55V
126V
62V
215V
210V
3·5V
270V
270V
52 mA
190mA
225V MAINS
236V. 245V.
216V. 235V.
195V. 215V.
red
grn.
yel.
blk.
310Ω
900Ω
60Ω
NOTE: POTENTIOMETERS SHOWN IN MAX. ANTI-CLOCKWISE POSITION OF KNOB.
METALLISED SCREENING CONNECTED TO CHASSIS.
NUMBERS ADJACENT TO VALVE ELECTRODE CONNECTIONS REFER TO VALVE BASE PINS (KEY GIVEN ON UNDERSIDE CHASSIS ILLUSTRATION.)
V1, V2, V3, SPIGOTS CONNECTED TO CHASSIS.
SI VIEWED FROM REAR IN MAX. ANTI-CLOCKWISE POSITION OF KNOB.
VOLTAGES ARE SHOWN AT THE RELEVANT POINTS ON THE CIRCUIT AND WERE TAKEN WITH A METER HAVING A RESISTANCE OF 500 OHMS PER VOLT. VARIATIONS OF ± 15% MAY BE EXPERIENCED BETWEEN MODELS




**TOP-SIDE CHASSIS**




**UNDER-SIDE CHASSIS**

**Medium Waves**

Controls as before, but with M.W. dummy aerial.

| Waveband Switch | Op No. | Set Gang | Tune Signal Generator to | | Operation |
|---|---|---|---|---|---|
| | | | m | Kc/s | |
| M.W... .. | 1 | Maximum | 575 | 522 | Adjust L9 for maximum output. |
| | 2 | Minimum | 186.9 | 1,605 | Adjust TC5 for maximum output. |
| | 3 | Tune in | 510 | 588 | Adjust L4 for maximum output. |
| | 4 | Tune in | 210 | 1,427 | Adjust TC2 for maximum output. |
| | 5 | — | — | — | Repeat operations 1 to 4. |

**Long Waves**

Controls as before, but with L.W. dummy aerial.

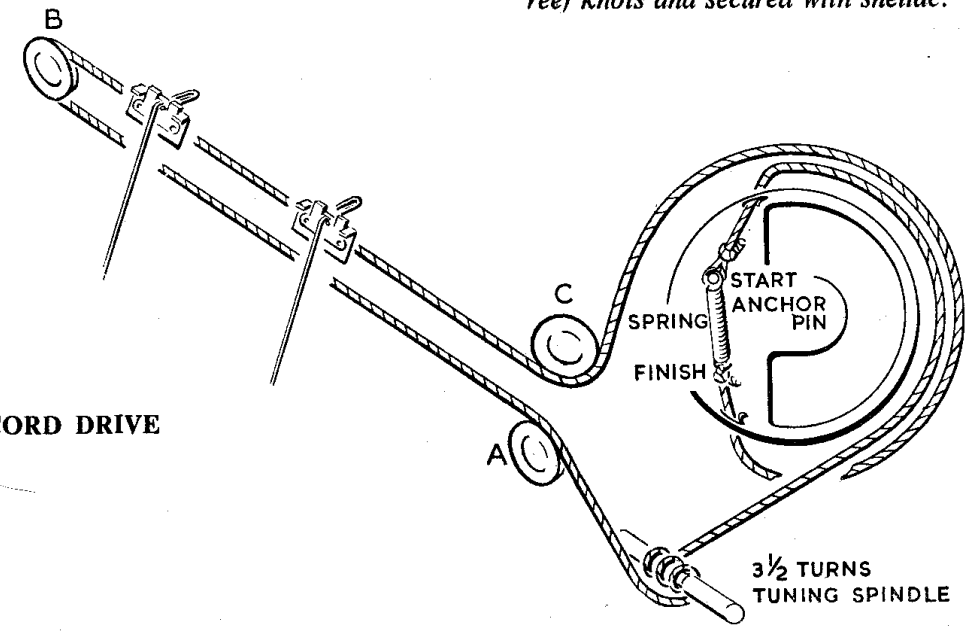
| Waveband Switch | Op. No. | Set Gang | Tune Signal Generator to | | Operation |
|---|---|---|---|---|---|
| | | | m | kc/s. | |
| L.W. | 1 | Maximum | 2,000 | 150 | Adjust L11 for maximum output. |
| | 2 | Minimum | 901 | 333 | Adjust TC6 for maximum output. |
| | 3 | Tune in | 1,850 | 162 | Adjust L6 for maximum output. |
| | 4 | Tune in | 1,000 | 300 | Adjust TC3 for maximum output. |
| | 5 | | | | Repeat operations 1 to 4. |

# CORD DRIVE

Use only correct nylon cord 6370 × 0012; approximately 72 inches of cord is used.

1. Form a loop in one end of cord with an opening of approximately $\frac{1}{8}$-inch in diameter and assemble on anchor pin.
2. Wind cord round pulleys as shown in diagram.
3. Secure cord to tension spring and assemble spring.

*NOTE.—The knots, to prevent slipping, should be tied as reef knots and secured with shellac.*




CORD DRIVE

# SPARE PARTS LIST

| PART NO. | DESCRIPTION | No. PER INST. | FINISH |
|---|---|---|---|
| | **INSTRUCTIONS** | | |
| +9314 | Instruction Card | 1 | - |
| 49315 | Cabinet Label | 1 | - |
| 42963 | Transit Label | 1 | - |
| | **CABINET PARTS & FITTINGS** | | |
| 418601 | Cabinet complete | 1 | - |
| 91325B | Escutcheon | 1 | - |
| 200020N | Screw ) securing | 6 | 689 |
| 201302 | Washer ) Escutcheon to | 6 | 689 |
| 201502 | Washer ) Cabinet | 6 | 689 |
| 418602B | Baffle Board with Grille | 1 | - |
| 200020N | Screw ) securing | 4 | 689 |
| 40562 | Washer ) Baffle to | 4 | 689 |
| 201504 | Spring Washer ) Cabinet | 4 | - |
| 91330A | Cabinet Back complete | 1 | - |
| 9559 | Screw ) securing | 8 | 689 |
| 40562 | Washer ) Back to | 8 | 689 |
| 49930 | Clamp Washer ) Cabinet | 4 | 689 |
| 200040K | Screw ) securing | 4 | 689 |
| 201504 | Washer ) Back to | 4 | - |
| 49930 | Clamp Washer ) Chassis | 4 | 689 |
| 1950 | Transfer Trade Mark | 1 | - |
| 91326A | TUNING SCALE | 1 | - |
| 91449 | Felt Strip | 1 | - |
| 91450 | Felt Strip | 2 | - |
| 91327 | Clip ) securing | 4 | - |
| 47142 | Rubber Tube ) Scale to | 4 | - |
| 200040F | Screw ) Cabinet | 4 | 689 |
| 91284A | FEET (RUBBER) | 4 | - |
| 91328 | Packing for Feet ) securing | 4 | - |
| 91329 | Shouldered screw ) Feet | 4 | 689 |
| | **CONTROLS** | | |
| 35432Q | Knob "TONE" | 1 | - |
| 35432R | Knob "G-S-M-L" | 1 | - |
| 35432S | Knob "VOLUME ON/OFF" | 1 | - |
| 35432T | Knob "TUNING" | 1 | - |
| 35418 | Springs for Knobs | 4 | - |
| | **LOUDSPEAKER** | | |
| 46570Q | Loudspeaker complete | 1 | - |
| 46575 | Dustcover for Magnet | 1 | - |
| 200025H | Screw ) securing | 4 | 689 |
| 201302 | Washer ) Loudspeaker | 4 | 689 |
| | **RADIO UNIT** | | |
| 47000Q | Radio Unit complete | 1 | - |
| 200025P | Screw ) securing | 4 | 689 |
| 201302 | Washer ) Radio | 4 | 689 |
| 201502 | Spring Washer ) Unit | 4 | - |

| PART NO. | DESCRIPTION | No. PER INST. | FINISH |
|---|---|---|---|
| | **RADIO UNIT (Continued)** | | |
| 91332 | Chassis Fixing Bar (Front) | 1 | 689 |
| 91334B | Chassis Fixing Bar complete (Rear) | 1 | 689 |
| | **VALVES** | | |
| V1 | X78 Frequency Changer | | |
| V2 | W77 I.F. Amplifier | | |
| V3 | DH77 Detector, A.G.C. & A.F. Amplifier | | |
| V4 | N78 Output | | |
| V5 | U78 Rectifier | | |
| | **INDUCTORS** | | |
| 40970G | L1. L2. Aerial Coil S.W. | 1 | - |
| 40970H | L3. L4. Aerial Coil M.W. | 1 | - |
| 40970J | L5. L6. Aerial Coil L.W. | 1 | - |
| 40970A | L7. L8. Osc. Coil S.W. | 1 | - |
| 40970B | L9. L10. Osc. Coil M.W. | 1 | - |
| 40970K | L11. Osc. Coil L.W. | 1 | - |
| See IFT1 | L13.L14. | | |
| See IFT2 | L15.L16. | | |
| 46553 | Coil Trimmer for L1 - L11 | 6 | - |
| 46551J | IFT1 1st I.F.Transformer complete with L13,L14,C12,C14. | 1 | - |
| 46551J | IFT2 2nd I.F.Transformer complete with L15,L16,C16,C17 | 1 | - |
| 46553 | Dust Core for IFT's | 4 | - |
| 46552 | Can for IFT's | 2 | - |
| 13517 | P.K.Screw securing IFT's | 4 | - |
| 22628BS | T1 Output Transformer | 1 | - |
| 10606 | P.K. Screw securing T1 | 2 | - |
| 44490F | T2 Mains Transformer | 1 | - |
| 200404 | Nut ) | 4 | 689 |
| 201304 | Washer ) securing T2 | 4 | 689 |
| 201804 | S.P. Washer) | 4 | - |
| | **RESISTORS** | | |
| 37811G | R1 100 Ω 5% | 1 | - |
| 33363DW | R2 20000 Ω | 1 | - |
| 33373V | R3 15000 Ω 5% | 1 | - |
| 37810PM | R4 12000 Ω 5% | 1 | - |
| 33363EE | R5 0.47 MΩ 20% | 1 | - |
| 33360DW | R6 22000 Ω | 1 | - |
| 33363EH | R7 1.5 MΩ 20% | 1 | - |
| 37811V | R8 15000 Ω 5% | 1 | - |
| 33360DU | R9 10000 Ω | 1 | - |
| 33363EA | R10 0.1 MΩ 20% | 1 | - |
| 33363EA | R11 0.1 MΩ 20% | 1 | - |
| 33363EN | R12 10 MΩ 20% | 1 | - |
| 33360EC | R13 0.22 MΩ | 1 | - |
| 33360DU | R14 10000 Ω | 1 | - |
| 37870FP | R15 2000 Ω 5% 6w | 1 | - |
| 37810JG | R16 120 Ω 5% | 1 | - |
| 37870N | R17 1000 Ω 5% 6w | 1 | - |
| 37941FJ or 37945FJ | VR1 & S2 5 MΩ Volume Control and Switch | 1 | - |
| 37941GJ | VR2 20000 Ω Tone Control | 1 | - |

| PART NO. | DESCRIPTION | No. PER INST. | FIN-ISH |
|---|---|---|---|
| | **CAPACITORS** | | |
| 38050DC | C1 220 μμF 500V | 1 | - |
| 38001J | C2 220 μμF 350V 5% | 1 | - |
| 38004YC | C3 68 μμF 350V 2% | 1 | - |
| 38001WF | C4 3900 μμF 350V 2% | 1 | - |
| 38001VQ | C5 510 μμF 350V 2% | 1 | - |
| 38000VE | C6 180 μμF 350V 2% | 1 | - |
| 38004TF | C7 100 μμF 350V 2% | 1 | - |
| 38100A | C8 100 μμF Ceramicon | 1 | - |
| 38100A | C9 100 μμF Ceramicon | 1 | - |
| 38100M | C10 220 μμF Ceramicon | 1 | - |
| 38210EA | C11 0.1 μF 150V | 1 | - |
| See IFT1 | C12 | | |
| 38210DY | C13 0.047 μF 150V | 1 | - |
| See IFT1 | C14 | | |
| 38210EA | C15 0.1 μF 150V | 1 | - |
| See IFT2 | C16 | | |
| See IFT2 | C17 | | |
| 38100A | C18 100 μμF Ceramicon | 1 | - |
| 38210DY | C19 0.047 μF 150V | 1 | - |
| 38100M | C20 220 μμF Ceramicon | 1 | - |
| 38210DY | C21 0.047 μF 150V | 1 | - |
| 38150N | C22 (with C25 & C26) 16 μF Electrolytic | 1 | - |
| 38190B | Capacitor Clip | 1 | - |
| 47019 | Insulating Strip | 1 | - |
| 200040F | Screw ) securing | 2 | 689 |
| 201804 | S.P.Washer ) Capacitor | 2 | - |
| 200404 | Nut ) Clip | 2 | 689 |
| 200040M | Screw ) securing | 1 | 689 |
| 201804 | S.P.Washer ) Capacitor | 1 | - |
| 200404 | Nut ) in Clip | 1 | 689 |
| 38214H | C23 .05 μF 1000V | 1 | - |
| 38214E | C24 .005 μF 1000V | 1 | - |
| See C22 | C25 32 μF Electrolytic | 1 | - |
| See C22 | C26 32 μF Electrolytic | 1 | - |
| 39653A | TC1, TC2, TC3 Three bank Trimmer Assembly | 1 | - |
| 47017 | Pillar ) | 2 | - |
| 200040R | Screw ) | 2 | 689 |
| 17362 | Insulating Washer ) securing Trimmer | 2 | - |
| 201304 | Washer ) Assembly | 2 | 689 |
| 201804 | S.P.Washer ) | 2 | - |
| 200404 | Nut ) | 2 | 689 |
| 35480B | TC4 Trimmer Assy (3.30 μμF) | 1 | - |
| 35480B | TC5 Trimmer Assy (3.30 μμF) | 1 | - |
| 35480B | TC6 Trimmer Assy (3.30 μμF) | 1 | - |
| 37101H | VC1, VC2 Twin Gang Capacitor | 1 | - |
| 46958 | Rubber Bush ) | 3 | - |
| 6250 | Washer ) securing | 3 | 03 |
| 2856 | Circlip ) VC1, VC2 | 3 | 03 |
| | **TUNING DETAILS** | | |
| 28441H | Tuning Drum Assy | 1 | 689 |
| 13387 | Screw securing Tuning Drum Assy | 1 | 03 |
| 47008 | Tuning Spindle | 1 | 03 |
| 47009 | Tuning Spindle Bracket | 1 | 689 |
| 8777 | P.K.Screw securing Bracket | 2 | - |

| PART NO. | DESCRIPTION | No. PER INST. | FIN-ISH |
|---|---|---|---|
| | **TUNING DETAILS (Continued)** | | |
| 6250 | Washer ) securing | 1 | 689 |
| 2856 | Circlip ) Tuning Spindle | 1 | 689 |
| 47007A | Pulley Assy (2 pulleys) | 1 | - |
| 47007B | Pulley Assy (1 pulley ) | 1 | - |
| 8777 | P.K.Screw securing Pulley Assys | 4 | - |
| 91338 | Scale Backing Plate Assy | 1 | - |
| 91335 | Lamp Bracket R.H. | 1 | 689 |
| 91336 | Lamp Bracket L.H. | 1 | 689 |
| 91337 | Spacer ) | 2 | 689 |
| 200062N | Screws ) securing | 2 | 689 |
| 201806 | Washer ) Lamp Brackets | 2 | - |
| 200406 | Nut ) | 2 | 689 |
| 91326A | TUNING SCALE | 1 | - |
| 91327 | Clip ) securing | 4 | 689 |
| 47142 | Rubber Tube ) Scale to | 4 | - |
| 200040F | Screw ) Cabinet | 4 | 689 |
| 91427A | Cursor & Pointer Assy | 1 | - |
| 6370 x 0012 | Nylon Cord Drive (in bulk) | 55" | - |
| 46954 | Spring for Cord Drive | 1 | - |
| 44615A | Lampholder | 2 | - |
| 35421D | Scale Lamps | 2 | - |
| 91420 | Light Seal (Rubber) | 2 | - |
| | **SWITCHES** | | |
| 47002A | S1 Waveband Switch complete with Card 2 & Card 3 (less Card 1) | 1 | - |
| 201322 | Washer for S1 fixing | 1 | 689 |
| 47020 | Switch Card No. 1 only | 1 | - |
| 47015 | Switch Card Bracket | 1 | 689 |
| 12619 | P.K.Screw securing Bracket | 1 | - |
| 47016 | Spacer ) | 2 | - |
| 47021 | Insulating Washer ) securing S.W. Card | 2 | - |
| 200060Q | Screw ) No. 1 to | 2 | 689 |
| 200406 | Nut ) Bracket | 2 | 689 |
| 201806 | Washer ) | 2 | - |
| See VR1 | S2 On/Off Switch | 1 | - |
| | **R.F. UNIT** | | |
| 47000X | R.F.Unit complete | 1 | - |
| 47031 | P.K.Screw securing R.F.Unit to Chassis Fixing Bars | 6 | - |
| 41674A | Valveholder (type B7G) for V1, V2 & V3 | 3 | - |
| 59119AB | Rivet securing Valveholders | 6 | - |
| 37095BB | Tag Panel Assy | 1 | - |
| 12619 | P.K.Screws securing Tag Panel | 1 | - |
| 40029A | Insulated Tag (small) | 3 | - |
| 59007CD | Rivet securing tags | 3 | - |
| 20334A | Insulated Tag (large) | 1 | - |
| 12619 | P.K.Screw securing Tag | 1 | - |
| 36489 | Tag | 1 | 104 |
| 10606 | P.K.Screw securing Tag | 1 | - |
| 16755 | Rubber Grommet | 1 | - |
| 16576 | Tag on Trimmer Assy | 1 | 454 |

| PART NO. | DESCRIPTION | No. PER INST. | FIN-ISH |
|---|---|---|---|
| | **POWER UNIT** | | |
| 47014D | Power Unit complete | 1 | - |
| 47031 | P.K.Screw securing Power Unit to Chassis Fixing Bars | 6 | - |
| 47003 | Control Panel for VR1 & VR2 | 1 | 689 |
| 12619 | P.K.Screw securing Panel | 3 | - |
| 47027 | Deck Plate for T1 & T2 V5 | 1 | 689 |
| 47028 | Spacer ) | 4 | 689 |
| 200040N | Screw ) securing | 4 | 689 |
| 201804 | S.P.Washer ) Deck Plate | 4 | - |
| 200404 | Nut ) | 4 | 689 |
| 41674A | Valveholder (type B7G) for V4 & V5 | 2 | - |
| 59119AB | Rivet securing Valveholders | 4 | - |
| 46956A | Fuse Panel | 1 | - |
| 47029 | Spacer ) securing | 2 | 689 |
| 11805 | P.K.Screw ) Fuse Panel | 2 | - |
| 37095AA | Tag Panel Assy | 1 | - |
| 12619 | P.K.Screw securing Panel | 1 | - |
| 40029A | Insulated Tag (small) | 1 | - |
| 69007CD | Rivet securing Tag | 1 | - |
| 16757 | Rubber Grommet | 3 | - |
| 38825D | Fuse 1 amp. | 2 | |

| PART NO. | DESCRIPTION | No. PER INST. | FIN-ISH |
|---|---|---|---|
| | **VALVEHOLDERS, PANELS, ETC.** | | |
| 41674A | Valveholder (type B7G) | 5 | - |
| 59119AB | Rivet securing Valveholders | 10 | - |
| 44577A | Valve Screen for V1, V2, V3 | 3 | - |
| 44578 | Valve Springs for Screen | 3 | - |
| 20314K | Panel - Aerial/Earth | 1 | - |
| 20314A | Panel - Record Player | 1 | - |
| 36399A | Panel - Ext/Int L/S | 1 | - |
| 59119CC | Rivets securing Panels | 6 | - |
| 47006A | Voltage Adjustment Panel | 1 | - |
| 59119AC | Rivet securing Panel | 4 | - |
| 44562B | Voltage Adjusting Plug | 1 | - |
| 16289J | Plug (Yellow) | 2 | - |
| 20852B | Mains Lead | 1 | - |
| 4201 x 2300 | Mains Lead (in bulk) | 6 | ft. |
| 40845C | Cleat securing Mains Lead | 1 | - |
| 201304 | Washer ) securing | 1 | 689 |
| 10606 | P.K.Washer ) Cleat | 1 | - |
| 11802 | Tag (open) for Earth Lead | 1 | 104 |
| 15140 | Tag ) | 1 | 104 |
| 38825D | Fuse 1 amp. | 2 | - |
| 27988C | Aerial Lead & Plug | 1 | - |
| 25061J | Screen Lead | 1 | - |

**In order to expedite delivery of spare part orders, please quote:—**

1. Model and serial numbers (on plate beneath foot).
2. Spare part number and description.
3. Quantity required.

**Unless full particulars are quoted, delay in execution of orders must inevitably result.**

***Order Spare Parts.***

*From:—*

E.M.I. SALES & SERVICE LIMITED,
SPARE PARTS DIVISION,
SHERATON WORKS,
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GREENFORD, MIDDLESEX.

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*Telegraphic Address:* Emiservice, Greenford, Middlesex.

*Or:—*

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