

**TUNING RANGE:**

530 – 1620 Kc/s

**INTERMEDIATE FREQUENCY:**

455 Kc/s

**VALVE COMPLIMENT:**

V1 12AH8 Frequency Converter  
 V2 6N8 I.F. Amplifier Detector and A.G.C.  
 V3 12AX7 Audio Amplifier for each channel  
 V4 ELL80 Twin Output Pentode for right and left hand channels.  
 V5 6V4 H.T. rectifier

**POWER SUPPLY:**

230 – 280 volts, 50 cycles A.C.  
 205 M.A. at 240V on Radio  
 275 M.A. at 240V with Radio and Record Changer.

**LOUDSPEAKER:**

Two 7" x 5" permanent magnet speakers with 8 ohm voice coils.

**CIRCUIT VOLTAGES:**

Refer to circuit diagram.  
 These voltages may vary within 10% of the stated values.  
 Measuring meter should be at least 20,000 ohms per volt.

**SENSITIVITY:**

With the balanced control in the centre or balanced position.

I.F. sensitivity – V1 – 35 microvolts  
 Broadcast sensitivity – 5 microvolts

The above input signals are required to produce 22 volts across the primary of the output transformer when connected in series with a 0.1 mfd capacitor.

When measuring I.F. sensitivity a 0.1 mfd capacitor should be connected in series with the output lead of the signal generator.

**ALIGNMENT FREQUENCIES:**

Broadcast – 600 Kc/s and 1400 Kc/s  
 Check Point – 1000 Kc/s

**RECORD CHANGER:**

Garrard RC210 – MK 11

**CARTRIDGE:**

Acos 73 – 2A – SS

**STYLII:**

Sapphire SS73. Diamond DS73

**PICK-UP STYLII PRESSURE**

It is recommended that the stylus pressure should not exceed 10 grammes.

**DIMENSIONS:**

Packed in Carton – 28" x 24" x 13"  
 Less Carton – 23" x 19¼" x 11". Legs 16¼"

**MAINTENANCE****RADIO:**

Access to the radio section may be readily obtained simply by removing the three screws as shown in Figure 1 and drawing out the front section of the cabinet.

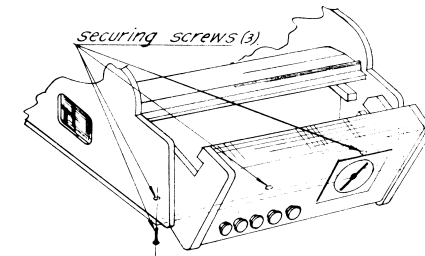


Figure 1

**THE RECORD CHANGER:**

To gain access to the changer remove the radio receiver as outlined above and disconnect the inter-connecting leads. After which remove the three suspension screws as shown in Figure 2 and lift the changer out from the top of the cabinet.

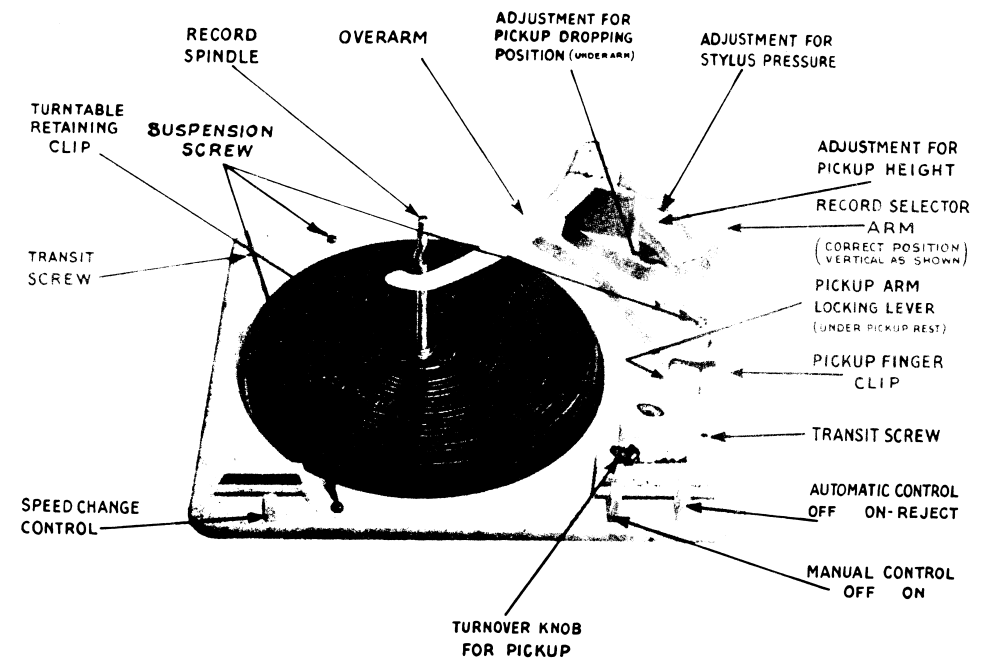


Figure 2

