

C·R·T·S

SERVICE MANUAL

Covering KB Model
WRP.10



A DIVISION OF

STC

Issued NOVEMBER 1963

COMBINED RADIO AND TELEVISION SERVICE LTD

REGENT WORKS, SIDCUP, KENT. Tel: FOOtscray 3333

SERVICING ORGANISATION FOR K.B. REGENTONE. R.G.D.

ALSO PROVINCIAL DEPOT AT

87 McALPINE STREET,

GLASGOW

CENtral 1779

 **Service Data**
KB Museum.org.uk
for
WRP10

S P E C I F I C A T I O N

The WRP10 is a two-valve transportable record player suitable for A.C main operation. A B.S.R. four speed record changer, type UA14 is fitted.

Voltage Rating: — 200 - 250 volts, 50 c/s.

Power Consumption: 40 watts.

Controls: — — Off/On and Volume
Tone.

Valve Complement:

Mullard - UY85 Rectifier.

Mullard - UL84 Audio Output.

Dimensions:

Width: $14\frac{5}{8}$ inches (37.10 cms.)

Height: 8 inches (20.35 cms.)

Depth: $16\frac{1}{4}$ inches (41.15 cms.)

Weight: — — 16 lbs. $15\frac{1}{2}$ ozs. (7.7 Kilos)

The output from the pick-up is coupled, via isolating capacitors C1 and C2 on the record player chassis, to the volume control and then to the grid of the single stage pentode amplifier.

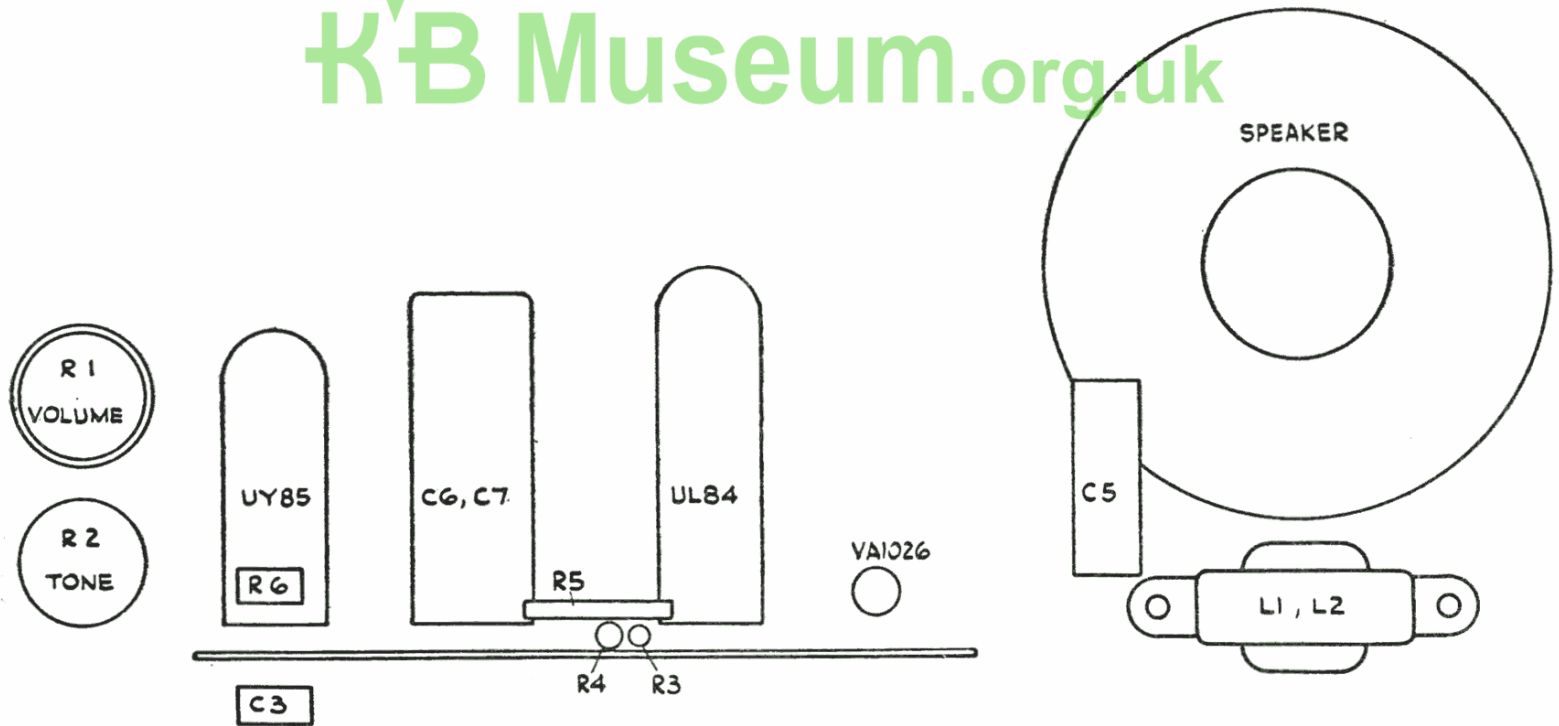
In parallel with the sound output primary L1 are the tone control components C3 and R2.

A tap is provided on the record player motor winding to provide the necessary heater voltage via a thermistor.

The H. T. supply is from a conventional half-wave rectifier with resistance-capacitance smoothing.

REMOVAL OF CHASSIS AND MOTOR BOARD FROM CABINET.

1. Remove two screws, one from either side of the front of the cabinet.
2. Remove the four screws holding the motor board in position.
3. Remove chassis from cabinet by lowering it forward.
4. Remove motor board by lifting at left-hand edge.



CHASSIS VIEW WRP 10

COMPONENT	CIRCUIT REF.	PART NO.
Cabinet Knob Assembly		798/220 35/183
POTENTIOMETERS :		
5 M Ω (Volume)	R.1.	9/214
50 M Ω (Tone)	R.2.	9/215
RESISTORS:		
1 K Ω 5% 4W	R.5.	R102 EKL
270 Ω 5% 4W	R.6.	R271 EKL
Thermistor	VA1026.	12/71
Capacitors:		
25 μ F 25 V Elect.	C.4.	KEM216
32 μ F 300V Elect.	C.7.	
64 μ F 300V	C.6.	
2000 pF BS. 415	C.8.	KC196
16 μ F	C.5.	KEM101/S
0.01 μ F	C.1, C.2.	KC233
Transformer:		
Sound output,	L.1, L.2.	39/AO/27

