RADIO SERVICE BULLETIN

Issue No. 141

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Subject: Model No. 7190.

SPECIFICATION OF S.T.C. MODEL 7190 TRANSISTORISED PORTOGRAM

DESCRIPTION:

A battery operated seven transistor portable radiogram, incorporating :–

1. High output low distortion audio amplifier with two feed back loops.
2. Temperature compensated Class "B" push pull output stage.
3. All stages temperature stabilised.
4. A four speed record player, B.S.R. Model TU9B with a 6 volt governed motor.
5. Turnover crystal pickup with equaliser.
6. Heavy duty 5" loudspeaker, Rola Model 5F.
7. Primary and secondary automatic gain control systems.
8. Two stages of I.F. amplification with four tuned circuits.
9. Ferrite Rod Aerial.
10. External aerial connections provided for both long and short aerials.
11. Circular tuning dial with interchangeable state dial cards.
12. Continuously variable tone control.
13. Provision for carrying six 7" records in lid.

TUNING RANGE:

530 – 1620 kc/s.

INTERMEDIATE FREQUENCY:

455 kc/s.

TRANSISTOR & DIODE COMPLEMENT:

X1 High gain, converter, type 2N252
X2 High gain, I.F. amplifier type 2N308
X3 High gain, I.F. amplifier type 2N309
X4 Low level, high gain amplifier type TS13
X5 Medium level, medium gain audio amplifier type TS14
X6 High level, high gain push pull amplifier type 2N185
X7 High level, high gain push pull amplifier type 2N185
D1 A.V.C. diode type GD4
D2 Detector and A.V.C. diode type GD4