

# KOLSTER-BRANDES LIMITED

FOOTSCRAY

SIDCUP

KENT

## SERVICE DATA

MODEL

# EGT 10



ISSUED AUG., 1949



### DESCRIPTION

**GENERAL.** The K-B EGT 10 is a 4-valve reflex superheterodyne Table Radio Gramophone for use on A.C. mains supplies, 200-250 volts, 50-60 cps., with internal frame aerial and provision for using an external aerial when necessary.

**WAVE BANDS.** Two bands covering the long and medium waves, thus :—

(a) Long	-	-	-	940-2,000 metres
(b) Medium	-	-	-	200-540 metres

**VALVES.** This receiver is fitted with the following valves :—

V1 Pentagrid Frequency Changer	-	-	BRIMAR 6A8GT
V2 Diode-Pentode I F, Detector, A.V.C. and 1st L F	-	-	„ 6B8GT
V3 Output Beam Tetrode	-	-	„ 6V6GT
V4 Full-Wave Rectifier	-	-	„ 6X5GT

**CONSUMPTION.** Radio 35 watts. Gram 55 watts.

**OUTPUT.** 2 watts into a 6½" moving coil loudspeaker.

**CABINET.** Sleek modern cabinet, high gloss walnut veneer.

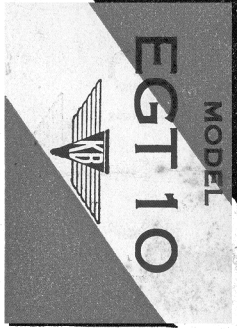
### REMOVAL OF CHASSIS

1. Remove Radio/Gram Switch Knob on Motor Board.
2. Remove nut holding Radio/Gram Switch to Motor Board.
3. Anchor pick-up arm to rest.
4. Turn cabinet on its side.
5. Remove 4 woodscrews holding cabinet bottom.
6. Remove Aerial and Earth Plugs.
7. Disconnect mains lead from Junction Panel.
8. Unsolder pick-up leads from tags.
9. Remove 4 bolts holding chassis to cabinet.

Chassis can then be withdrawn together with Radio/Gram Switch.

WAVERANGE SWITCH CONTACTS			
SWITCH POSITIONS	CONTACTS CONNECTED		
L.W.	5-4	8-7	S1
M.W.	5-6	8-9	S1
RADIO.	8-9		S2
GRAM.	1-2	7-8	S2

COIL & TRANSFORMER DATA		
CIRCUIT REF N°	FUNCTION	DC RESISTANCE
L1	M.W. FRAME	—
L2	A.E. PRIMARY	—
L3	L.W. AE.	21.33Ω
L4	M.W. OSC.	3.48Ω
L5	L.W. OSC.	7.10Ω
L6	1ST. I.F. PRI.	5.21Ω
L7	1ST. I.F. SEC.	5.21Ω
L8	2ND. I.F. PRI.	11.0Ω
L9	2ND. I.F. SEC.	12.15Ω
L10	OUTPUT TRANS.	PRI. 600Ω SEC. 0.5Ω
L11	MAINS TRANSFORMER	PRI. 49.7Ω HT. SEC. 555Ω OR 6.3V SEC. 0.481Ω



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