

K-B**Models EG50M, EG50TM**

General Description : Ten-valve (including rectifier and tuning indicator), eight waveband superheterodyne auto-radiogramophone with band-spread tuning on six short-wavebands. Weight 98 lb.

The chief difference between these models and the FG50 and FG50TL (see page 386) is the use of a 6J5GT single-section A.F. amplifier (V6) instead of the twin-section 6SL7GT.

Model EG50M covers similar wavebands to the FG50; while the coverage of the EG50TM corresponds with that of the FG50TL.

Models EG50M, EG50TM, FG50, FG50TL

Voltage Chart : The following readings, which should be regarded as approximate, were taken with the bandswitch in M.W. position with the volume control at minimum gain. Mains input 225 volts with adjustment tapping at 225 volts. No aerial or earth connected. Total H.T. current 110 mA.

Valve	Volts Measured between Socket and Chassis							
	Pin 1	2	3	4	5	6	7	8
EG50M- EG50TM								
V1	0	112	132	1.9	0	0	1.9	6.3 *
V2	0	6.3 *	218	91	Very small	94	0	5.7
V3	6.3 *	218	0	0	74	0	—	0
V4	—	6.3 *	5	218	0	—	0	0
V5	0	0	0	0	0	0	6.3 *	0
V6	0	0	62	—	—	0	6.3 *	2.1
V7	0	44	0.9	0	44	0.9	6.3 *	0
V8	—	0	296	306	0	150	6.3 *	19
V9	—	6.3 *	296	306	0	0	0	19
V10	—	306	—	260 *	—	260 *	—	306
FG50- FG50TL	<i>(Where different from EG50 Models.)</i>							
V3	—	218	0	0	85	0	1	6.3 *
V6	0	42	—	—	15	0.4	6.3 *	0

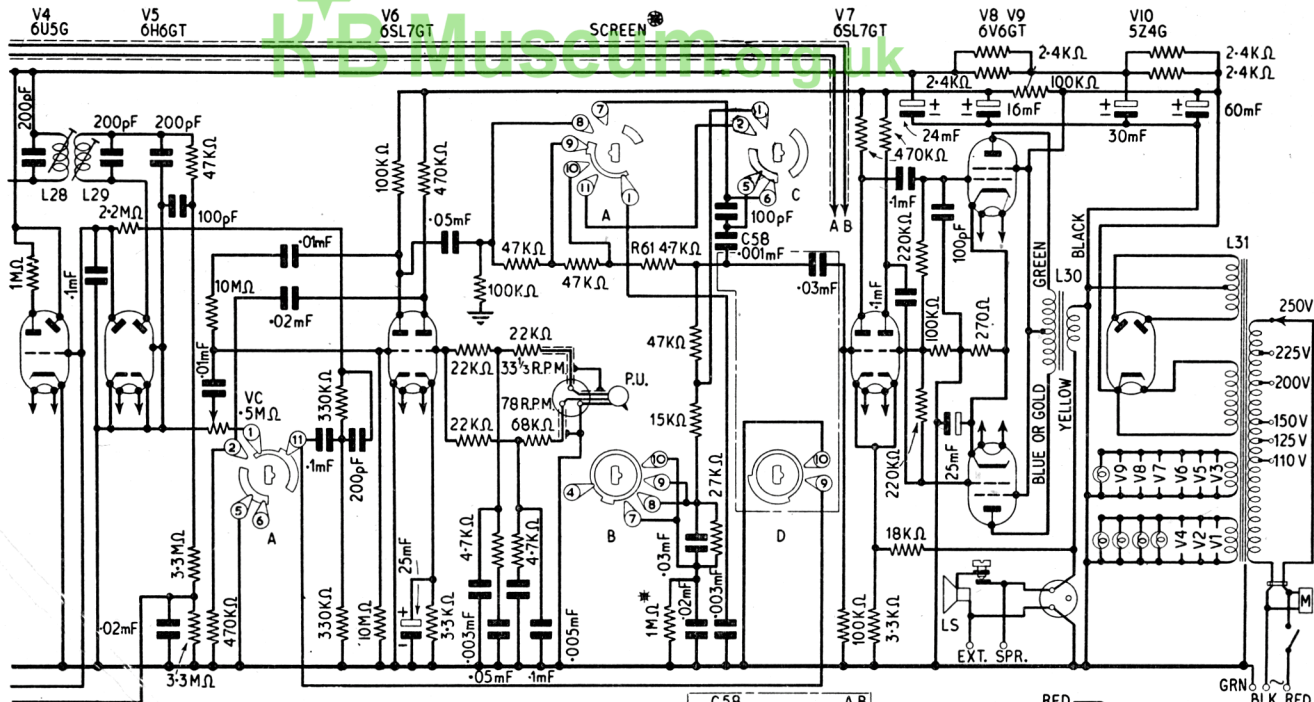
* A.C. measurement.

K-B—MODELS FR10, ER10, DR10 (continued from page 384).

Valve	Volts Measured between Socket and Chassis							
	Pin 1	2	3	4	5	6	7	8
V1	E	E	260	97	—	114	6.3 *	2.5
V2	E	E	260	97	0.9	—	6.3 *	0.9
V3	E	E	46	—	—	—	6.3 *	E
V4	—	E	244	260	—	—	6.3 *	11.5
V5	—	6.3 *	265 *	—	265 *	—	—	280

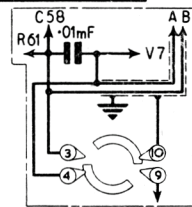
* A.C. measurements.

CIRCUIT DIAGRAM A.F. SECTION—K-B MODEL FG50



SWITCHES S2A TO S2D SHOWN IN RADIO BASS MAX. POSITION.
SWITCHBANK VIEWED FROM FRONT (KNOB END)
AND ROTATES ANTI-CLOCKWISE

SWITCH S3A SHOWN IN TREBLE MIN. POSITION.
SWITCH VIEWED FROM REAR
AND ROTATES ANTI-CLOCKWISE



* ON FG50TL
ONLY

