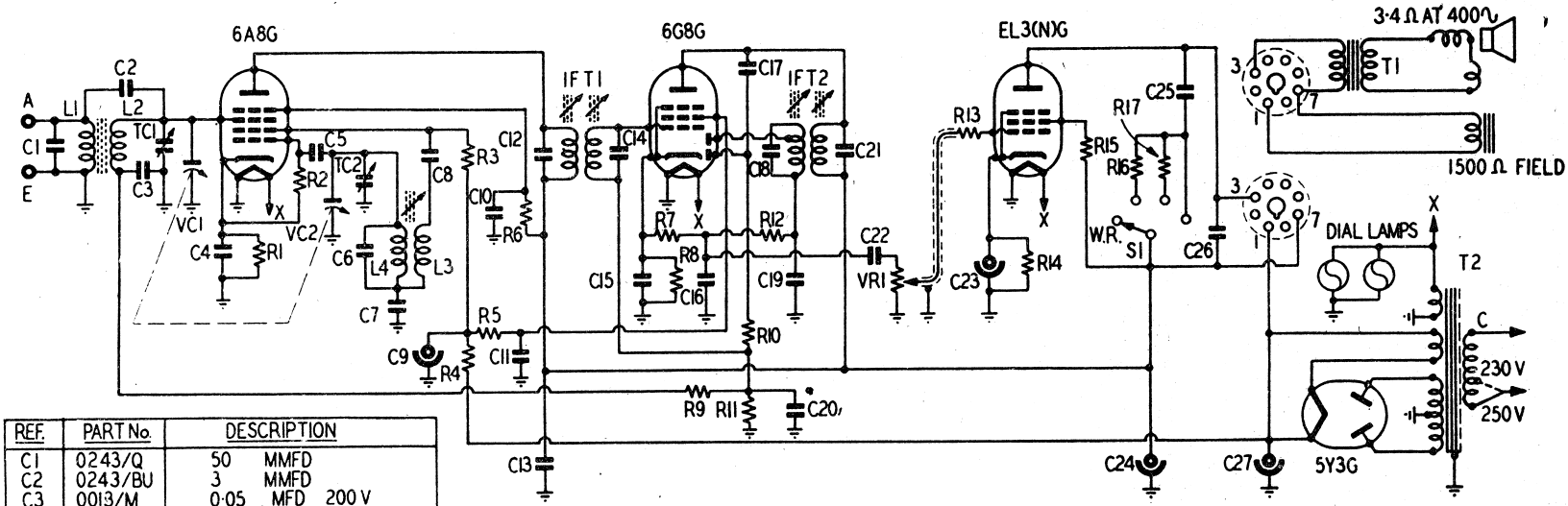

REF.	PART No.	DESCRIPTION
C1	0243/Q	50 MMFD
C2	0243/BU	3 MMFD
C3	0013/M	0·05 MFD 200 V
C4	0013/Q	0·1 MFD 200 V
C5	0243/BE	25 MMFD
C6	0243/BA	20 MMFD
C7	0243/BH	437 MMFD
C8	0013/N	0·01 MFD 600V
C9	0014/BB	8 MFD 600 P.V. ELECTRO. COND.
C10	0013/E	0·1 MFD 400V
C11	0013/E	0·1 MFD 400V
C12	0243/BL	100 MMFD
C13	0013/C	0·25 MFD 400V
C14	0243/AZ	50 MMFD
C15	0013/Q	0·1 MFD 200V
C16	0243/AE	100 MMFD
C17	0243/Q	50 MMFD
C18	0243/BL	100 MMFD
C19	0243/O	250 MMFD
C20	0013/I	0·02 MFD 400V
C21	0243/BL	100 MMFD
C22	0013/N	0·01 MFD 600V
C23	0014/F	25 MFD 25V. ELECTRO. COND.
C24	0014/G	8 MFD 525 P.V. ELECTRO. COND.
C25	0013/G	0·05 MFD 400V
C26	0013/AE	0·005 MFD 600V
C27	0014/BB	8 MFD 600 P.V. ELECTRO. COND.

REF.	PART No.	DESCRIPTION
R1	A1X	300 OHM 1/4 WATT
R2	H1X	50,000 OHM 1/4 WATT
R3	AE3X	25,000 OHM 1 WATT
R4	W4X	30,000 OHM 2 WATT I.R.C.
R5	W3X	30,000 OHM 1 WATT
R6	W3X	30,000 OHM 1 WATT
R7	N1X	250,000 OHM 1/4 WATT
R8	U1X	400 OHM 1/4 WATT
R9	J1X	100,000 OHM 1/4 WATT
R10	AA1X	2 MEGOHM 1/4 WATT
R11	AA1X	2 MEGOHM 1/4 WATT
R12	F1X	10,000 OHM 1/4 WATT
R13	H1X	50,000 OHM 1/4 WATT
R14	Y2X	150 OHM 1/2 WATT I.R.C.
R15	T3X	100 OHM 1 WATT
R16	F1X	10,000 OHM 1/4 WATT
R17	E1X	4,000 OHM 1/4 WATT

REF.	PART No.	DESCRIPTION
VC1&VC2	APC0159	417 MMFD 2 GANG CONDENSER
VR1	D1942	1 MEGOHM POTENTIOMETER
		DIAL LAMPS. 6·3V. 0·25 AMP.
IFT1	APD1693	1 ST. I.F. TRANSFORMER
IFT2	APD1694	2 ND. I.F. TRANSFORMER
	APD1622/A	6" SPEAKER
T1	APD1502/F	OUTPUT TRANSFORMER
T2	APD1432	MAINS TRANSFORMER
S1	D1943	TONE MONITOR SWITCH
L1& L2	APD1614/D	AERIAL COIL
L3& L4	APC0085/LZ	OSCILLATOR COIL
TC1&TC2	APD0786	AIR TRIMMER. 1·5 MMFD–18 MMFD

I.F. 457.5 Kcs.

HIS MASTER'S VOICE 456

VOLTAGE TABLE, H.M.V. 456

Values given may vary ±10% and are taken on 240-volt mains (250-volt primary tap). Receiver tuned to no signal point.

	6A8G		6G8G	EL3(N)G	5Y3G
	Ampl.	Osc.			
Plate to chassis volts	248	116	248	236	—
Screen to chassis volts	100	—	131	248	—
Cathode to chassis volts	—3	—	—4.4	—5.6	—
Heaters	6.1	—	6.1	6.1	4.8

Total HT current measured at terminal 1 of speaker socket	52 ma
6A8G oscillator anode current measured at Junction R4 & R5	2.7 ma
6A8G screen current measured at V1 socket	5.2 ma
6G8G screen current measured at V2 socket	2.1 ma
EL3(N)G screen current measured at screen terminal of V3 socket	3.6 ma
EL3(N)G plate current measured at terminal 3 of speaker socket	33 ma

VOLTAGE TABLE, H.M.V. 886

Values given are ± 10% with receiver tuned to point of no reception, broadcast band, with line voltage of 240 volts (mains transformer primary tap set for 250 volts). If a voltmeter having a resistance of less than 1000 ohms per volt is used, allowance must be made for the voltage drop caused by the voltmeter.

	6J8G		6U7G	6B8G	6V6G
	Mixer	Osc.			
Plate to chassis volts	236	130	236	46	218
Screen to chassis volts	83	—	83	15	236
Heaters	6.3	—	6.3	6.3	5.0

H.T. Transformer centre tap to chassis	14 volts
Input to filter (measured to chassis)	340 volts
Output from filter (measured to chassis)	236 volts

DISMANTLING

REMOVAL OF CHASSIS

(1) Remove knobs.
(2) Disconnect speaker plug and power plug.
(3) Remove fixing bolts from underside of cabinet.

REMOVAL OF LOUDSPEAKER

(1) Remove 8-pin plug from top of chassis.
(2) Remove four screws holding speaker chassis to baffle and withdraw speaker.