

PACEMAKER

MODEL 518P

518AD see below

TECHNICAL INFORMATION

COVERING

BROADCAST RECEIVER TYPE 518P.

518AD see below
AC/DC

COLLIER & BEALE Ltd., WELLINGTON.

TYPE SET—A.C. Superhetrodyne.

TUBES (Five)—6K8G Converter, 6U7G I.F. Amp., 6Q7GT Det.-A.F., 6V6GT Power Output, 6X5 GT Rectifier.

POWER SUPPLY—230 v. A.C./DC Rating, 40 watts.

TUNING RANGE—Broadcast 535-1700 K.C.

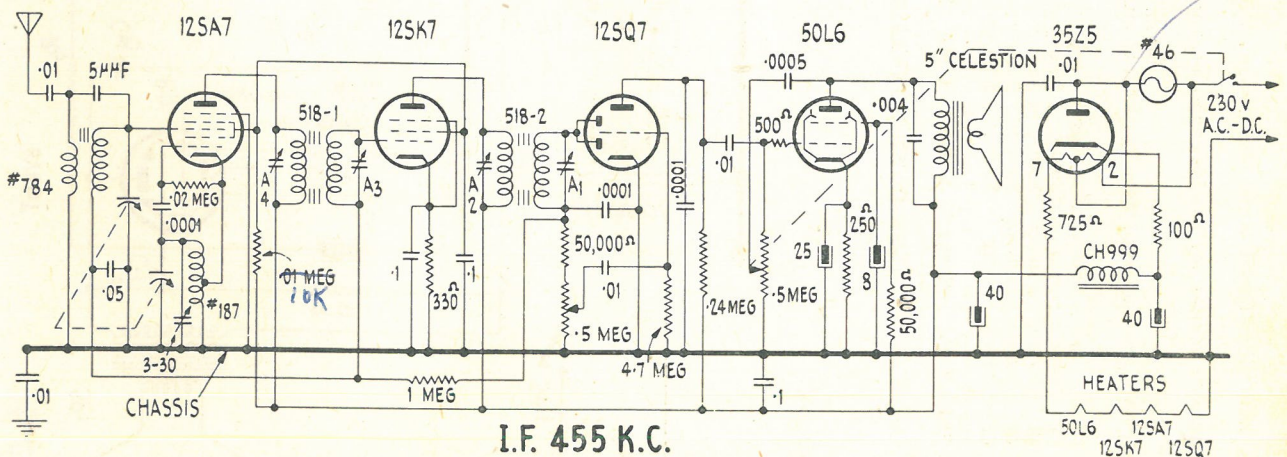
ALIGNMENT INSTRUCTIONS

To set pointer, fully mesh condenser and set pointer at last reference mark at left end of dial. Set volume control at maximum and keep output from signal generator no higher than necessary to obtain output reading.

Dummy Antenna	Signal Generator Coupling	Sig. Gen. Frequency	Band Switch Position	Radio Dial Setting	Output Meter	Adjust	Remarks
.1 mfd.	High side to grid of 6K8	455 Kc.		High freq. end	Across voice coil	A1, A2, A3, A4.	Adjust for maximum output
R.M.A. Standard	High side to ant. terminal	1400 Kc.		1400 Kc.	"	C18	" "
"	" "	1400 Kc.		1400 Kc.	"	C17	" "

CAPACITORS			MISCELLANEOUS			RESISTORS		
Ref. No.	Cap.	Volts	Ref. No.	Res., Pri.	Res., Sec.	Ref. No.	Res.	Watts
C1	25mfd	25	784	20 ohm	2.7 ohm	R1	4.7 meg	1/2 watt
C2	10mfd	450	184	1.8 ohm	2.3 ohm	R2	1 meg	1/2 watt
C3	10mfd	450				R3	.5 meg	1/2 watt
C4	8mfd	450	518P-1	6.75 ohm	6.75 ohm	R4	.5 meg	Pot
C5	8mfd	450	518P-2	6.75 ohm	6.75 ohm	R5	.5 meg	Pot
C6-8	.1mfd	400				R6	.25 meg.	1/2 watt
C9	.05mfd	400				R7	.05 meg	1/2 watt
C10-11	.01mfd	600	TR5561-1	Volts 230	Volts 250 aside	R8	.033 meg	1/2 watt
C12	.004mfd	mica				R9	.015 meg	1 watt
C13	.00025mfd	mica				R10	.01 meg	1 watt
C14-15	.0001mfd	mica	SP1	Type 5" P.M.	Transformer 5000 ohm	R11	4,700 ohm	1/2 watt
C16	.00005mfd	mica				R12	500 ohm	1/2 watt
C17	3-30	trimmer	SW1	S.P.S.T. switch attached to R5		R13	300 ohm	1 watt
C18	3-30	trimmer				R14	300 ohm	1 watt
C19	5mmf	ceramic				R15	150 ohm	1/2 watt

not
10K
518/10K
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SCHEMATIC DIAGRAM. MODEL 518.A.D. = AC/DC