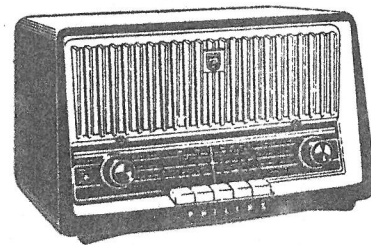


PHILIPS

SERVICE

NOTES



Philips "Continental"—
B3Z75U 230v AC/DC

WAVERANGE

BC 517—1622 kc/s
SW1 2.42—7.42 mc/s
SW2 6.82—22.25 mc/s

LOUDSPEAKER

AD3460M

VALVES

UCH81, UF89, UBC81
UL84, UY42

I.F.

452 kc/s

VOLTAGE TABLE

Plus/Minus 5% Tolerance

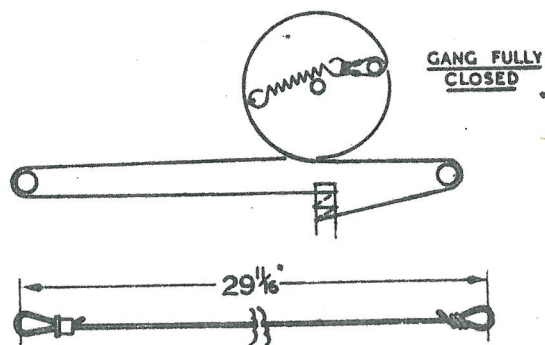
Meter
20K ohms per volt DC
1K ohms volt AC

Valve	Function	Filament	Plate	Screen	Cathode
UCH81	Frequency Converter and Oscillator	19	Pen 150 Tri 88	85	—
UF89	I.F. Amplifier	12.6	150	85	.75
UBC81	Demodulation and Audio Voltage Amplifier	14.0	60	—	—
UL84	Power Output	45	160	145	8.5
UY42	Half-Wave Rectifier	31	205	—	180
2x8089	Pilot Lamp	12	—	—	—

ALIGNMENT OF RECEIVER

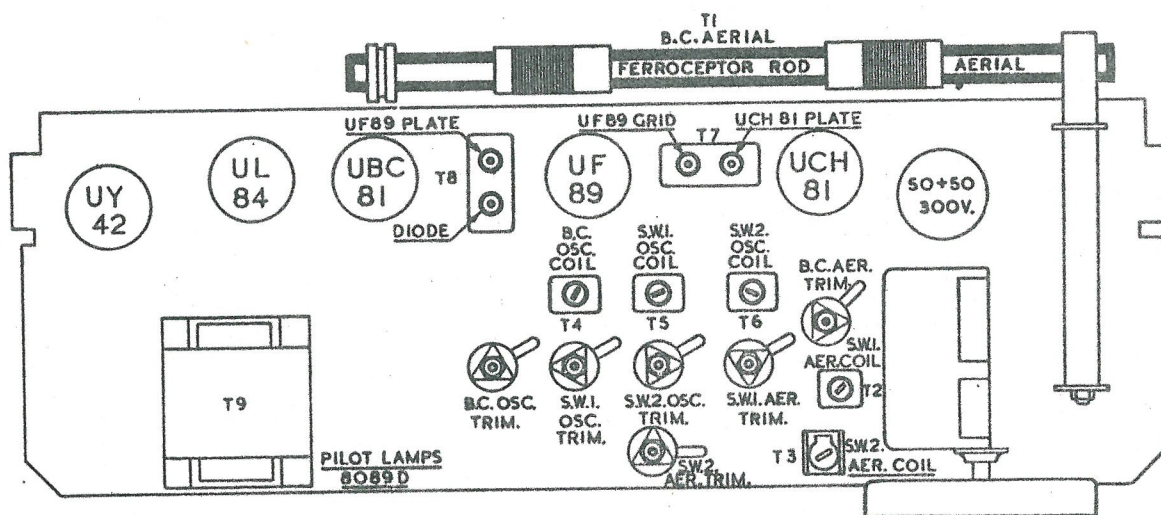
Wavechange Switch	Trimming Frequency	Adjust to Maximum Output Voltage
B.C.	452 K.C. Gang Min. 33000 pf to g1 UCH81	T8 Diode, T8, Plate, T7 Plate, T7 Grid Repeat
B.C.	550 K.C.	T4, Slug
B.C.	1630 K.C.	B.C. Osc., Trimmer Repeat
S.W.1	2.6 M.C.	T5, SW1, Osc. Coil (Slug), T2, SW1 Ae Coil (Slug)
S.W.1	6.95 M.C.	SW1, Osc. Trim., SW1 Ae Trim Repeat
S.W.2	7.3 M.C.	T6, SW2, Osc. Coil (Slug), T3, SW2 Ant-Coil (Slug)
S.W.2	20.7 M.C.	SW2 Osc. Trim., SW1 Ae Trim Repeat
B.C.	550 K.C.	T1 Coils on Ae Rod
B.C.	1500 K.C.	BC Ae Trim Repeat

B3Z754



ASSEMBLY	A3 801 37
CORD	KO 30JB/
EYELET	BO02 AF /314
SPRING	A3 647 14

DIAL CORD DIAGRAM

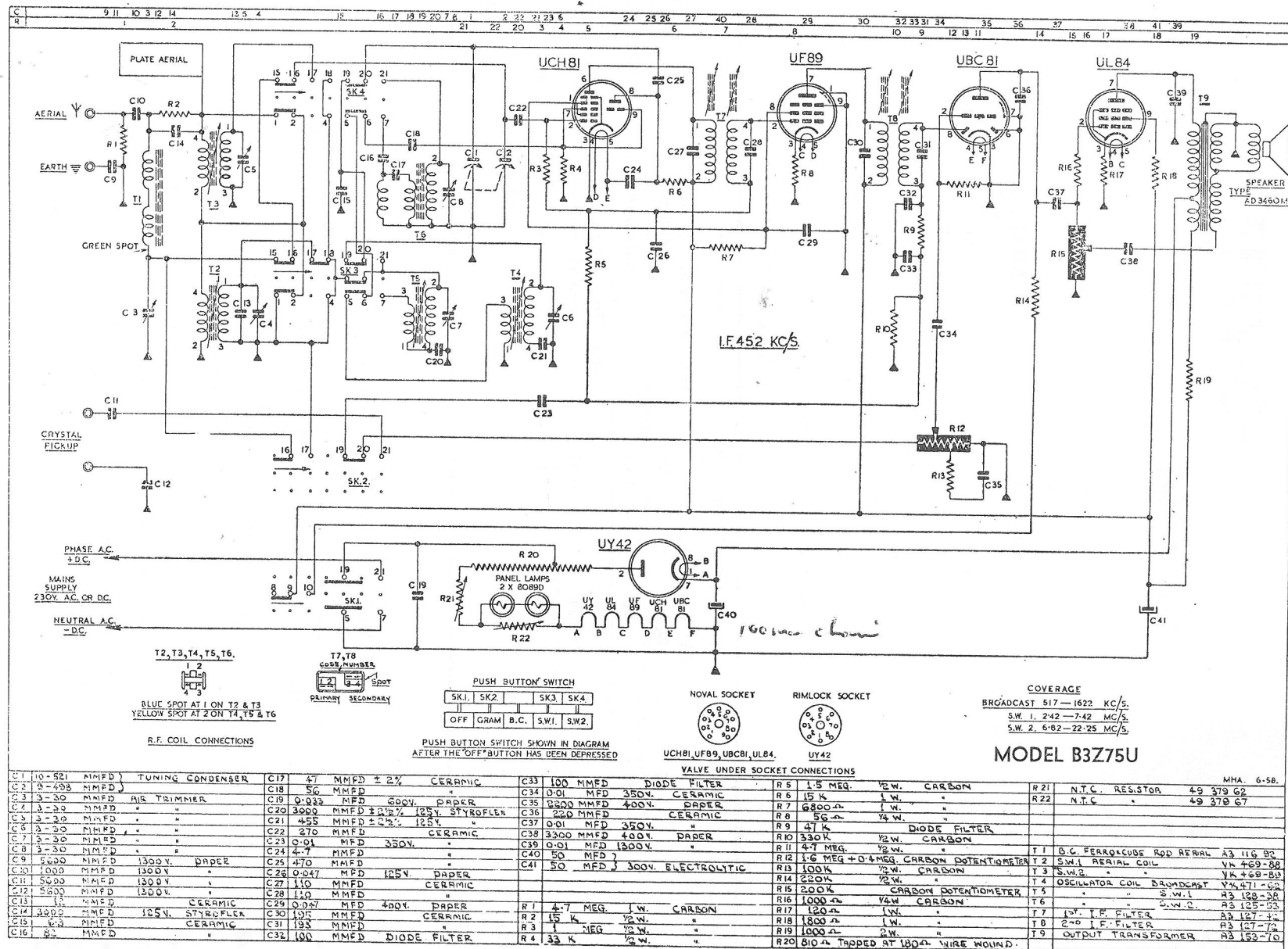


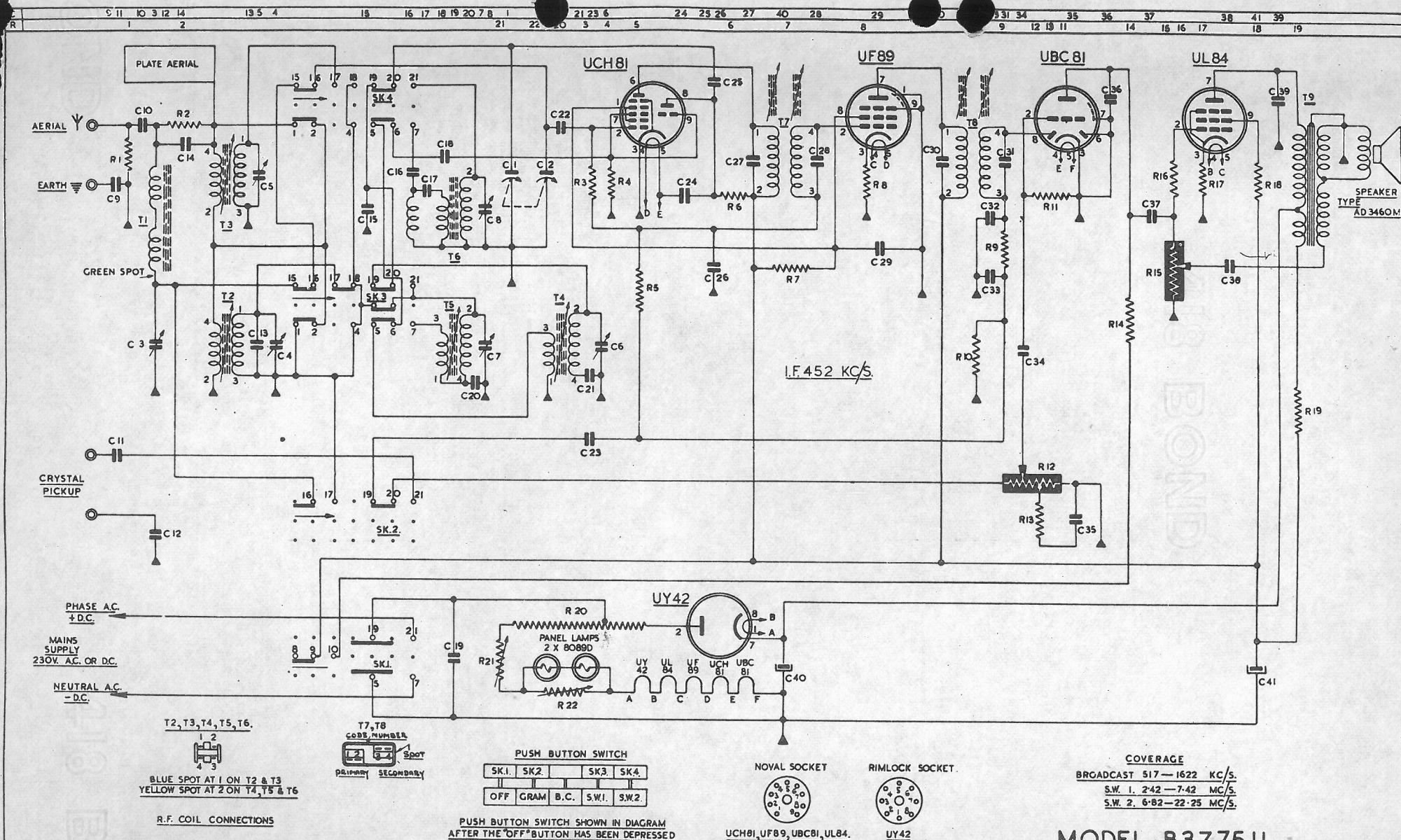
TRIMMER LOCATION DIAGRAM

Published by

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P.O. BOX 2097, WELLINGTON





MODEL B3Z75U

MHA. 6-58.

TUNING CONDENSER			DIODE FILTER			CARBON POTENTIOMETER		
C1	10-521	MMFD	C33	100	MMFD	R5	1.5	MEG.
C2	9-498	MMFD	C34	0.01	MFD	R6	15	K
C3	3-30	MMFD	C35	2200	MMFD	R7	6800	Ω
C4	3-30	MMFD	C36	220	MMFD	R8	56	Ω
C5	3-30	MMFD	C37	0.01	MFD	R9	47	K
C6	3-30	MMFD	C38	3300	MMFD	R10	330	K
C7	3-30	MMFD	C39	0.01	MFD	R11	4.7	MEG.
C8	3-30	MMFD	C40	50	MFD	R12	1.6	MEG.
C9	5600	MMFD	C41	50	MFD	R13	100	K
C10	1000	MMFD				R14	220	K
C11	5600	MMFD				R15	200	K
C12	5600	MMFD				R16	1000	Ω
C13	12	MMFD				R17	120	Ω
C14	3000	MMFD				R18	1800	Ω
C15	6.8	MMFD				R19	1000	Ω
C16	82	MMFD				R20	810	Ω
C17	47	MMFD						
C18	56	MMFD						
C19	0.033	MFD						
C20	3000	MMFD						
C21	455	MMFD						
C22	270	MMFD						
C23	0.01	MFD						
C24	4.7	MMFD						
C25	470	MMFD						
C26	0.047	MFD						
C27	110	MMFD						
C28	110	MMFD						
C29	0.047	MFD						
C30	195	MMFD						
C31	195	MMFD						
C32	100	MMFD						
C33	100	MMFD						
C34	0.01	MFD						
C35	2200	MMFD						
C36	220	MMFD						
C37	0.01	MFD						
C38	3300	MMFD						
C39	0.01	MFD						
C40	50	MFD						
C41	50	MFD						
R1	4.7	MEG.						
R2	15	K						
R3	1	MEG.						
R4	33	K						
R5	1.5	MEG.						
R6	15	K						
R7	6800	Ω						
R8	56	Ω						
R9	47	K						
R10	330	K						
R11	4.7	MEG.						
R12	1.6	MEG.						
R13	100	K						
R14	220	K						
R15	200	K						
R16	1000	Ω						
R17	120	Ω						
R18	1800	Ω						
R19	1000	Ω						
R20	810	Ω						
R21	N.T.C.	RESISTOR						
R22	N.T.C.	RESISTOR						