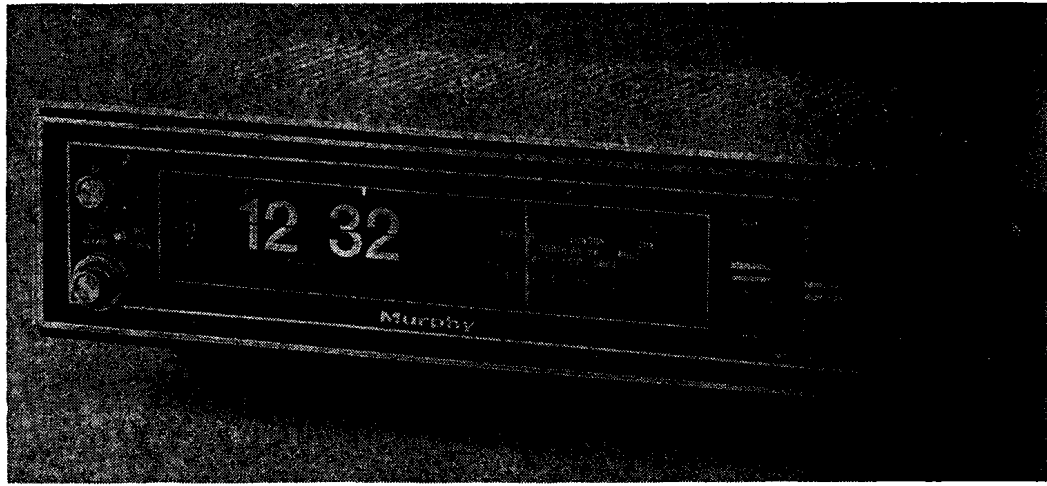


ERT

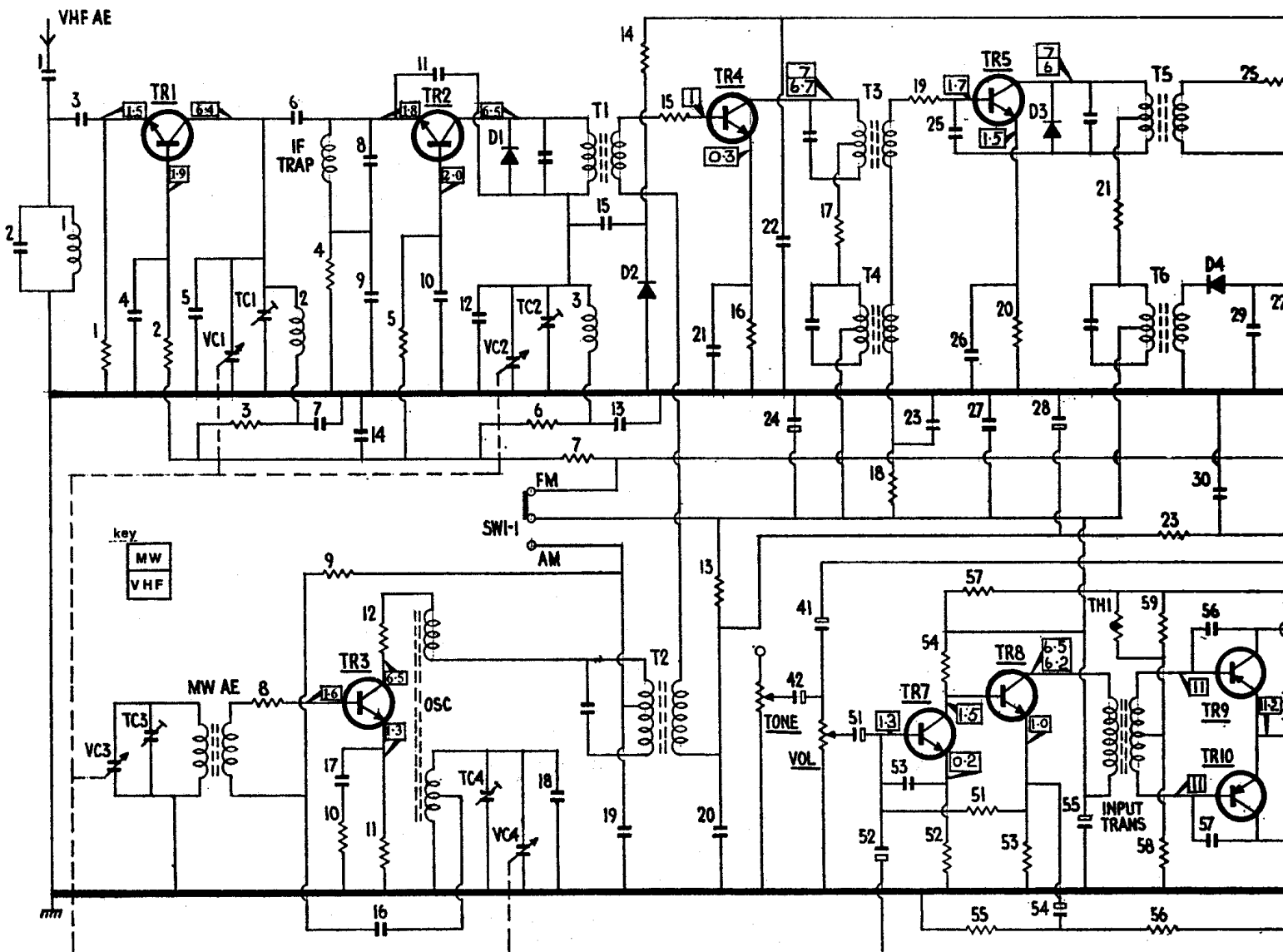
SERVICE CHART

1963



RESISTORS				CAPACITORS															
R1	2K2	1B	R11	2K2	1C	R22	1K	3C	R33	5K6	4A	R59	100	3A	C5	20pF	1B	C16	0-005μF
R2	330K	1B	R12	820	1C	R23	4K7	3C	R34	330K	4B	R60	4K7	3A	C6	5pF	1B	C17	0-01pF
R3	220	1B	R13	56K	3C	R24	5K6	3C	R35	1K	4A	R61	75	3A	C7	0-001μF	1B	C18	9pF
R4	3K3	2B	R14	100K	2B	R25	330	4B	R51	47K	4A	R62	15	—	C8	30pF	2B	C19	0-01pF
R5	330K	2B	R15	220	2B	R26	560K	4B	R52	560	4A	—	—	—	C9	500pF	2B	C20	0-02pF
R6	100	2B	R16	220	2C	R27	2K2	4B	R53	1K	4A	—	—	—	C10	0-001μF	2B	C21	0-02pF
R7	220	3B	R17	100	3B	R28	1K5	4B	R54	12K	4A	—	—	—	C11	3pF	2B	C22	0-02pF
R8	100	1C	R18	470K	3C	R29	100	4B	R55	10	2A	C1	30pF	1B	C12	9pF	2B	C23	0-02pF
R9	470K	2C	R19	220	3B	R30	1K	4A	R56	680	2A	C2	40pF	1C	C13	0-001μF	2B	C24	220μF
R10	6-8	1C	R20	1K	3B	R31	1K	4A	R57	680	3A	C3	25pF	1B	C14	0-001μF	—	C25	3pF
			R21	560	3B	R32	5K6	4A	R58	4K7	3A	C4	0-001μF	1B	C15	4pF	2B	C26	0-02pF

R	1	2	3	8	4	5	9	11	10	12	5	6	7	14	15	13	16	TONE	17	18	19	54	57	55	20	21	59	56	25
C	1	3	VC3	TC3	5	VC1	TC1	6	7	14	8	11	12	VC2	TC2	15	21	22	42	51	53	25	27	28	55	56	30	29	
L	1				MW-AE	2		IF TRAP			OSC		T1	T2							T3						I/P	T5	T6



Murphy MV5600

**AM/FM clock radio
(Bush CR232 is similar)**

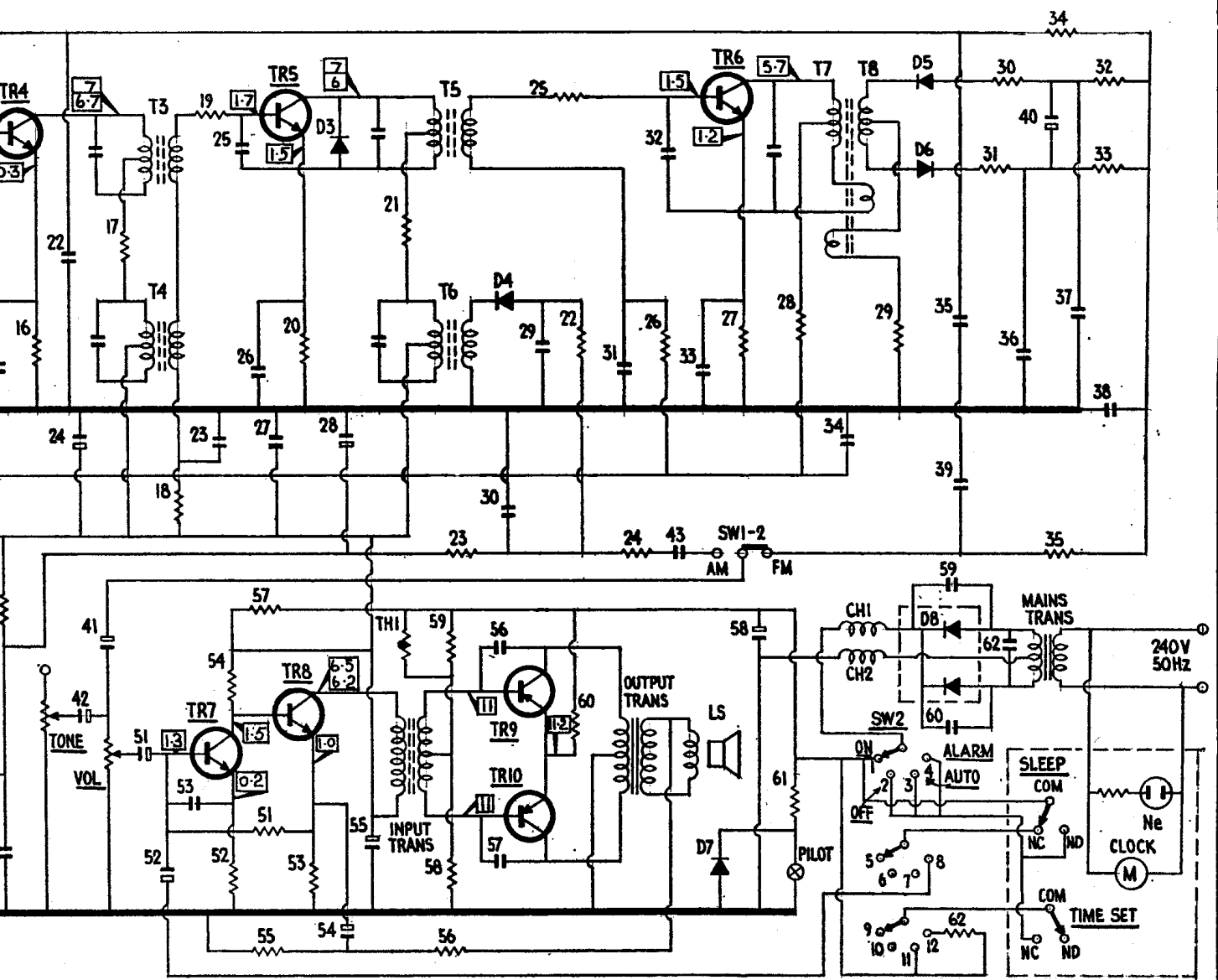
ERT SERVICE CHART

1963

Murphy MV5600

4A	R59	100	3A	C5	20pF	1B	C16	0-005μF	2C	C27	0-02pF	3C	C38	300pF	4A	C55	1000μF	3A	—
4B	R60	4K7	3A	C6	5pF	1B	C17	0-01pF	1C	C28	10μF	3C	C39	0-005μF	4A	C56	0-003μF	3A	—
4A	R61	75	3A	C7	0-001μF	1B	C18	9pF	2C	C29	0-01pF	3C	C40	4-7μF	4A	C57	0-003μF	3A	—
4A	R62	15	—	C8	30pF	2B	C19	0-01pF	2C	C30	0-02pF	3C	C41	1μF	—	C58	470μF	1A	—
4A	—	—	—	C9	500pF	2B	C20	0-02pF	2C	C31	0-02pF	4B	C42	0-05μF	—	C59	0-01μF	1A	—
4A	—	—	—	C10	0-001μF	2B	C21	0-02pF	2C	C32	3pF	4B	C43	0-02μF	—	C60	0-01μF	1A	—
4A	—	—	—	C11	3pF	2B	C22	0-02pF	2B	C33	0-002μF	4B	C51	4-7μF	4A	C62	0-02pF	1A	—
2A	C1	30pF	1B	C12	9pF	2B	C23	0-02pF	3C	C34	0-02pF	4C	C52	2μF	4A	VCI-4	Tuning	CR232	—
2A	C2	40pF	1C	C13	0-001μF	2B	C24	220μF	2C	C35	0-02pF	3B	C52	2μF	4A	VCI-4	Tuning	CR232	—
3A	C3	25pF	1B	C14	0-001μF	—	C25	3pF	3B	C36	300pF	4B	C53	0-01pF	4A	VCI-4	Tuning	CR232	—
3A	C4	0-001μF	1B	C15	4pF	2B	C26	0-02pF	3B	C37	300pF	4A	C54	47μF	2A	—	—	—	—

16	TONE	17	18	19	54	57	55	20	21	59	56	25	22	24	26	27	28	61	29	31	34	32					
		22	42	51	53	25	27	28	58	58	23	56	30	29	31	32	43	33	58	34	59	35	36	40	37	38	
		24	41	52	52	26	27	54	55	57	30	29	31	32	43	33	58	34	59	35	60	39	36	40	37	38	
				T3	T4					1/2	T5							CHI	T7	T8							
																			CH2								MAINS



Additional copies of this chart 25p, including postage. Payments with order please to Room 11 Dorset House, Stamford Street, London SE1 9LU

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THE Murphy MV5600, with its equivalent model in the Bush range, the CR232 is a mains operated radio combined with a digital alarm clock and sleep switch. This latter feature can be used to switch the radio off at a pre-set time or delay the alarm if the user wishes to sleep on. Waveband coverage is on the MW and VHF bands with upward facing speaker, slider controls for volume and tone, with rotary type for on/off, tuning, clock and alarm controls. Finish is in white with black front and

black background panel. Digital clock and waveband frequencies are in a contrasting white.

Mains 240V AC.

Consumption. 5W.

Wavebands

MW 590—200m
VHF 87.5 to 104MHz

Transistors

TR1	2SC928C
TR2	2SC930C
TR3	2SC929C
TR4	2SC930D
TR5	2SC928E
TR6	2SC928D
TR7	2SC537D2
TR8	2SC537E1
TR9	2SB22B
TR10	2SB22C

Diodes

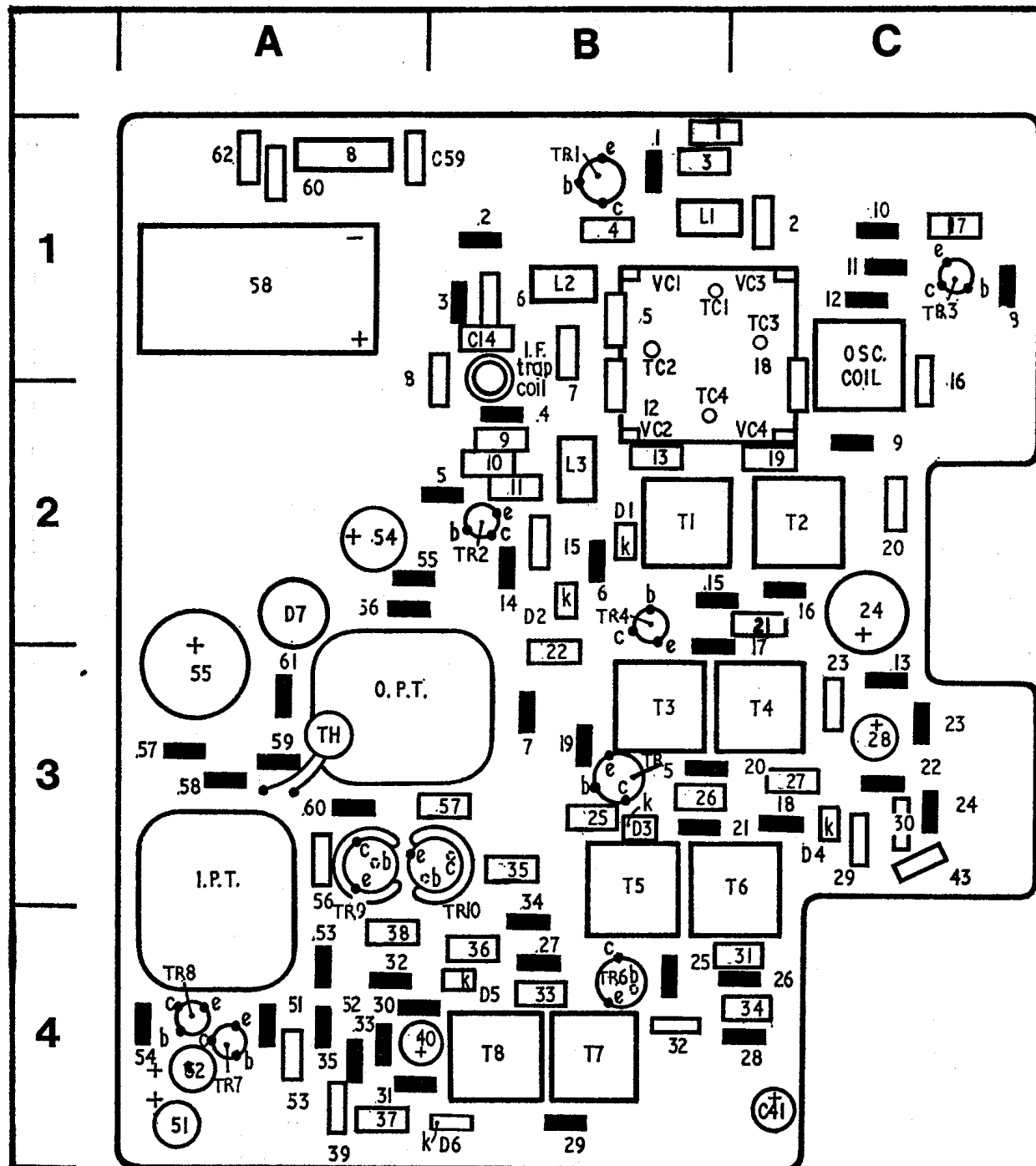
D1	IS188-AM
D2	IS553
D3	CDG-22
D4	CDG-22
D5	IS188-FM
D6	IS188-FM
D7	38A-60C
D8	DS-131A

Inductors

L1	VHF Aerial
L2	VHF RF
L3	VHF Osc.
L4	IF Trap
Ferrite Aerial Complete	
T1	1st FM IF (Yellow)
T2	1st AM IF (Yellow)
T3	2nd FM IF (Green)
T4	2nd AM IF (White)
T5	3rd FM IF (Green)
T6	3rd AM IF (Grey)
T7	4th FM IF (Blue)

Part Number

AP90151
AP92043
AP92044
AP92045
AP92094
AP92046
AP92051
AP92047
AP92052
AP92047
AP92053
AP92048



T8 FM Discriminator
T9 AM Osc. (Grey)
Driver Transistor
Output Transformer
Mains Transformer
CR232
Mains Transformer
MV5600

Thermistors. TH1—

Pilot lamps
Clock neon. Dial

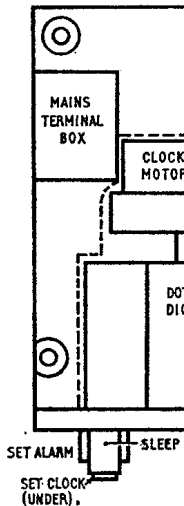
Speaker. Part No. CR232
Impedance, 92mm dia

Output. 350mW at 100%

IF
MW 470kHz
VHF 10.7MHz

Aerials. An internal aerial is fitted for the MW band. For reception an external aerial is usually in the form of a whip.

Dimensions. 3.23 x 1.50 x 0.150m



nel. Digital clock
ncies are in a con-

Diodes

D1	IS188-AM
D2	IS553
D3	CDG-22
D4	CDG-22
D5	IS188-FM
D6	IS188-FM
D7	38A-60C
D8	DS-131A

Om
104MHz

Inductors

L1	VHF Aerial	AP90151
L2	VHF RF	AP92043
L3	VHF Osc.	AP92044
L4	IF Trap	AP92045
T1	Ferrite Aerial Complete	AP92094
T2	1st FM IF (Yellow)	AP92046
T3	1st AM IF (Yellow)	AP92051
T4	2nd FM IF (Green)	AP92047
T5	2nd AM IF (White)	AP92052
T6	3rd FM IF (Green)	AP92047
T7	3rd AM IF (Grey)	AP92053
	4th FM IF (Blue)	AP92048

T8	FM Discriminator (Pink)	AP92049
T9	AM Osc. (Red)	AP92050
	Driver Transformer	AP92054
	Output Transformer	AP92055
	Mains Transformer	AP92095
	CR232	
	Mains Transformer	AP94220
	MV5600	

Weight. 3 lb.

Price. £28.92 inc. VAT.

Manufacturer. Rank Radio International,
Power Road, London W4.

Service Dept. RRI, Drayton Road, Bore-
ham Wood, Herts. Tel: 01-953 6151.

Thermistors. TH1—Part No. AP90150.

Pilot lamps

Clock neon. Dial lamp.

Speaker. Part No. AP92057 8ohms im-
pedance, 92mm dia.

Output. 350mW at 10 per cent THD.

IF

MW	470kHz
VHF	10.7MHz

Aerials. An internal ferrite rod aerial is
fitted for the MW band, while for VHF
reception an external aerial is required,
usually in the form of a length of wire.

Dimensions. 3.23 × 10.2 × 6.1in.

