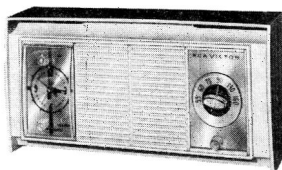


MODEL RC-14



MODEL RC-19

AM TABLE RADIO RECEIVERS SERVICE DATA MODELS NIPPER TEN, RC-14, RA-17, & RC-19

GENERAL INFORMATION

ELECTRICAL SPECIFICATIONS

INTERMEDIATE FREQUENCY 455 kc

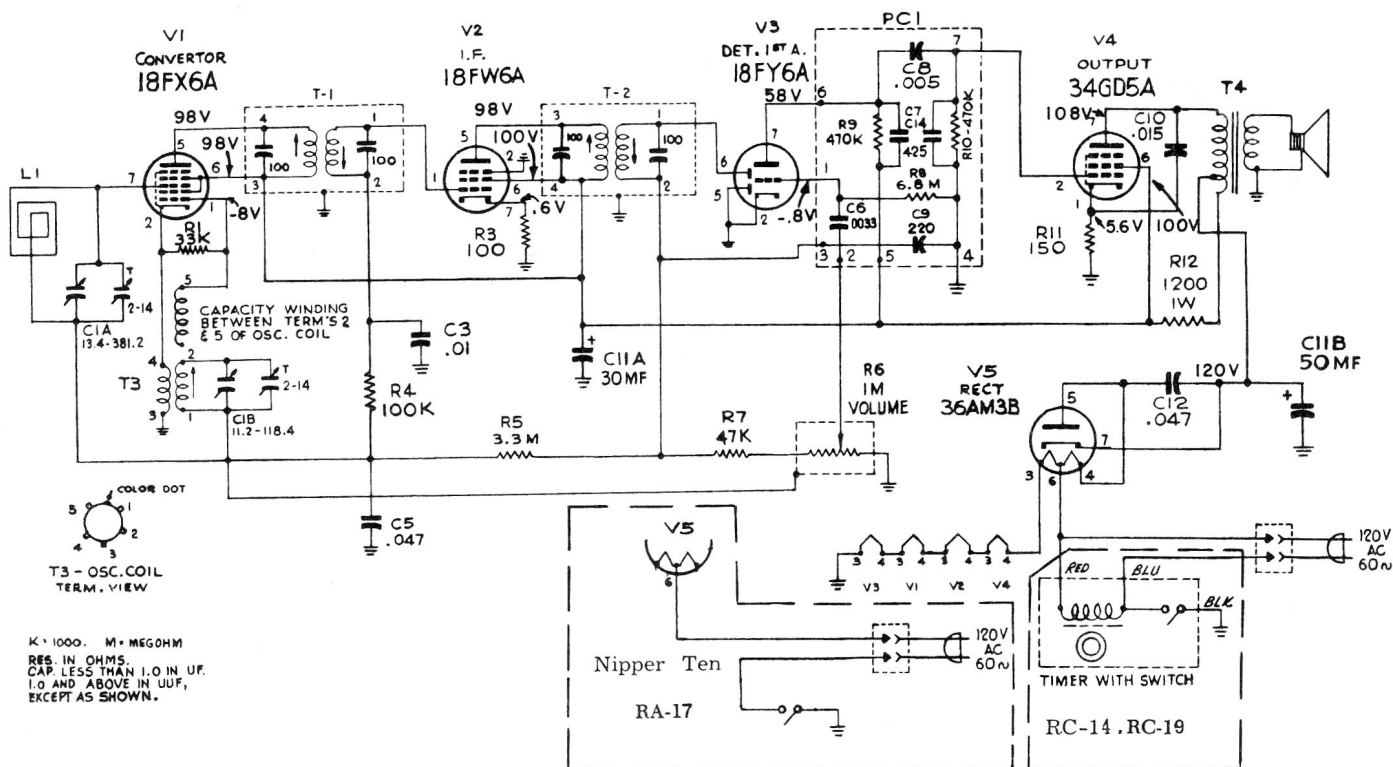
LOUDSPEAKER

Size and Type 4" PM

Voice Coil Impedance 3.2 ohms

TUNING DRIVE RATIO 1.1 (Direct Drive)

Symbol	Type	Function
V-1	RCA 18FX6A	Converter
V-2	RCA 18FW6A	IF Amplifier
V-3	RCA 18FY6A	1st Audio/Detector
V-4	RCA 34GD5A	Power Output
V-5	RCA 36AM3B	Rectifier



ISSUED BY

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ALIGNMENT PROCEDURE

1. For all alignment operations connect low side of signal generator to common negative.
2. Connect output indicator to voice coil terminals of loudspeaker.
3. Set volume control to maximum.
4. Keep generator output as low as possible to avoid AVC action.

Step	Connect high side of signal gen. to—	Set signal gen. to—	Turn radio dial to—	Adjust—for peak output
1	Pin #1 of V2 through .01 mf capacitor	455 kc (Modulated)	Quite point near 1600 kc	T2 (2nd I-F trans.), top and bottom cores (See note)
2	Pin #7 of V1 through .01 mf capacitor			T1 (1st I-F trans.), top and bottom cores
3	Repeat steps 1 and 2			
4	Short wire placed near antenna to radiate signal	1620 kc (Modulated)	Gang fully open	C1-B-T (ocs. trimmer)
5		1500 kc (Modulated)	1500 kc	C1-A-T (Ant. trimmer)
6		600 kc (Modulated)	600 kc (rock gang)	T3 (osc. coil)
7	Repeat steps 3, 4 and 5			

REPLACEMENT PARTS LIST

Insist on Genuine Factory Tested Parts, which are readily identified and may be purchased from Authorized Dealers

SYMBOL	STOCK NO.	DESCRIPTION	SYMBOL	STOCK NO.	DESCRIPTION
CHASSIS ASSEMBLY					
C-1A, C-1B	*63-7602	Capacitor-Variable Tuning		*63-8096	Cabinet-Front-Antique White-RC-14
C-11A, C-11B	63-24464	Capacitor-Electrolytic 30/50 mfd. 175 volts		62-106993	Clip-Retainer (Power Cord)
PC-1	63-25670	Circuit-Printed Circuit Consists of: C-6, C-7, C-8 C-9, R-8, R-9, R-10		63-28109	Clip-Retainer Clock and Speaker
PW-1	63-27364	Board-Printed Board Stripped		63-7876	Clip-U Clip
R-6	*63-8103	Control-Volume RC-14, RC-19		*63-7673	Cover-Back Cover-Frost White
R-6	*63-7621	Control-On/Off/Volume-RA-17, Nipper 10		*63-7674	Cover-Back Cover-Spice Beige
T-1	63-25007	Transformer-1st IF Amplifier		*63-7675	Cover-Back Cover-Sky Blue
T-2	63-25006	Transformer-2nd IF Amplifier		*63-7676	Cover-Back Cover-Coral
T-3	63-110518	Transformer-Oscillator		*63-7677	Cover-Surf Green
T-4	63-24465	Transformer-Audio Output		*63-7678	Cover-Antique White
MISCELLANEOUS ASSEMBLY					
	*63-7442	Antenna-Loop Antenna		*63-7679	Cover-Shell Grey-RC-19; RA-17
	*63-7680	Cabinet-Front-Frost White-Nipper 10		62-16053	Cord-Power Cord
	*63-7681	Cabinet-Front-Spice Beige-Nipper 10		63-24774	Connector-Interlock
	*63-7682	Cabinet-Front-Sky Blue-Nipper 10		*63-8084	Crystal-Clock-RC-14
	*63-7683	Cabinet-Front-Coral-Nipper 10		63-7659	Crystal-Clock-RC-19
	*63-7684	Cabinet-Front-Surf Green-Nipper 10		63-29853	Hand-Minute
	*63-7685	Cabinet-Front-Antique White-Nipper 10		63-29854	Hand-Hour
	*63-8085	Cabinet-Front-Frost White-RA-17		63-29746	Hand-Second
	*63-8086	Cabinet-Front-Spice Beige-RA-17		63-27034	Hand-Time Set
	*63-8087	Cabinet-Front-Sky Blue-RA-17		88-2628	Instructions-Customer's Instruction Book RC-14
	*63-8088	Cabinet-Front-Coral-RA-17		88-2635	Instructions-Customer's Instruction Book RC-19
	*63-8089	Cabinet-Front-Surf Green-RA-17		*63-7575	Knob-Tuning
	*63-8090	Cabinet-Front-Antique White-RA-17		63-7572	Knob-Volume-RC-19; RA-17
	63-7692	Cabinet-Front-Spice Beige-RC-19		63-7573	Knob-Volume-RC-14; Nipper 10
	63-7693	Cabinet-Front-Sky Blue-RC-19		63-7571	Knob-Timer-RC-19
	63-7694	Cabinet-Front-Antique White-RC-19		*63-8072	Knob-Timer-RC-14
	63-7695	Cabinet-Front-Walnut Roller Grain-RC-19		*63-8081	Overlay-Radio-RC-19; RA-17
	*63-8091	Cabinet-Front-Frost White-RC-14		63-8843	Overlay-Clock-RC-19
	*63-8092	Cabinet-Front-Spice Beige-RC-14		63-7587	Shaft-Extension Shaft
	*63-8093	Cabinet-Front-Sky Blue-RC-14		63-24461	Socket-Tube 36AM3B
	*63-8094	Cabinet-Front-Coral-RC-14		63-24462	Socket-Tube 18FX6A, 18FW6A, 18FY6A
	*63-8095	Cabinet-Front-Surf Green-RC-14		63-24551	Socket-Tube 34GD5A
				63-29062	Speaker-4" PM 3.2 ohms
				63-26066	Spring-Tuning Knob
				62-113691	Spring-Volume Knob
				*63-8083	Timer-Clock-RC-14
				63-7574	Timer-Clock-RC-19

* Indicates New Stock Items.

Only items listed under stock numbers are available as Replacement Parts

All parts subject to change or withdrawal without notice.