MODEL RP-1, Code 123

WIRELESS RECORD PLAYER

SPECIFICATIONS

The Model RP-1 is a remote type record player which can be used in conjunction with any standard broadcast receiver to reproduce phonograph records.

The unit is designed to operate on various power supplies

110 volts, 60 cycles; 110 volts, 25 cycles; 220 volts, 60 cycles.

To operate on any one of these power supplies, it is necessary that the proper power transformer and turntable motor is used as indicated in the parts list below.

To operate the unit: - Place record on turn-table and slide "Off-On Switch" (Diagram "A") to "On" position; this will be indicated by pilot light in tone arm.

After allowing sufficient time for tubes to warm up, place tone arm on record; this automatically starts motor.

Next go to your radio and tune to approximately 540 K. C. (54 on most dials), at which setting the phonograph signal will be picked up. Volume can be regulated by the radio receiver's volume control in the normal way.

At the end of the record, turn the tone arm to rest position, which will automatically turn motor off. It is not necessary to slide "Off-On Switch" to the "Off" position between records

If interference from broadcast stations is encountered the

frequency of the unit can be changed to any other frequency between 530 K. C. and 580 K. C. by adjusting the small screw indicated in Diagram "B". Turning screw clockwise lowers the frequency, counter-clockwise raises the frequency. This adjustment is best made while the unit is in operation.

If hum is experienced it may be necessary to reverse the power plug of the record player, the radio, or both. In most cases it is preferable to use different receptacles for record player and radio.

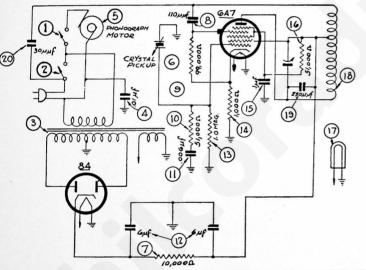
No definite rule can be established for the relative location of the record player to your radio; individual trial will establish best location. However, in general, satisfactory operation may be obtained up to a distance of fifty (50) feet, provided local noise conditions are not too severe.

PRODUCTION CHANGES

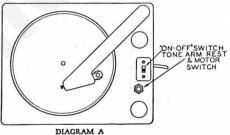
Master On-Off switch changed from Part No. 42-1406 to 42-1562.

Two types of motor and turntable assemblies were used onthis model. The part numbers are as follows:

Motor - 110 v	olts, 60	cycles	35-1222
Motor - 110 v	olts, 60	cycles	35-1216
Turntable for	Motor	35-1222	35-3044
Turntable for	motor	35-1216	35-1217



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FREQ. ADJ. SCREW

SCHE. No.	DESCRIPTION PART	
1	Motor Switch42-1557	
2	Master Switch42-1562	
3	Power Trans. (110 V., 60 cycles) 32-8043	
4	Line Condenser (.01 mf., 600 V.).3903-SG	
	Power Trans. (110 V., 25 cycles) 32-8049	
5	Motor (110 V., 60 cycles)35-1222	
	Motor (110 V., 60 cycles)35-1216	
	Motor (110 V., 25 cycles)315-1004	
	Motor (220 V., 60 cycles)315-1005	
	Motor (220 V., 50 cycles)315-1006	
6	Crystal Pickup and Tone Arm35-2068	
	Crystal Cartridge35-2069	
7	Filter Resistor	
	(10,000 ohms, 1/2 watt)33-310344	
8	Oscillator Grid Cond. (110 mmf.)30-1031	
9	Oscillator Grid Resistor	
	(99,000 ohms, 1/2 watt)33-399344	

1	REPLACEMENT PARTS
CHE.	DESCRIPTION No.
10	Comp. Resistor (51,000 ohms, 1/2 watt)33-351344
11	Comp. Cond. (.006 mf., 200 V.)30-4467
12	Electrolytic Condenser (6 mf., 6 mf., 150 V., 60 cy.)30-2388 (6 mf., 6 mf., 150 V., 25 cy.)35-2394
13	Grid Resistor (1 meg., 1/2 watt)33-510344
14	Cathode Bias Resistor (1000 ohms, ½ watt)33-210344
15	Screen By-Pass (.1 mf., 200 V.).30-4499-S
16	Screen Resistor (51,000 ohms, 1/2 watt)33-351344
17	Pilot Light (6-8 V., 250 amp.)34-2064
18	Oscillator Coil & Padder Assem32-3218
19	Mica Condenser (250 mmf.)30-1032
20	Coupling Condenser (30 mmf.)30-1059

	DIAGRAM B	
SCHE. No.	DESCRIPTION	PART No.
	MISCELLANEOUS PAI	RTS
	Cable (Power)	L-2778
	Cover (Bottom of Cabinet)	27-9326
	Cabinet	10459
	Mounting Feet Cabinet	27-4817
	Switch Plate	56-1383
	Socket (5 prong)	27-6035
	Socket (7 prong)	27-6037
	Turntable (for Motor 35-1222)35-3044
	Turntable (for Moton 35-1216)35-1217
	Turntable (for Motor 315-100	4) 35-1004

Two types of 110 volt, 60 cycle motors were used on this model, when ordering be sure correct turntable is ordered for motor.