# Models 42-RP-1, Code 42-RP-2, Code 121

### SPECIFICATIONS

Models 42-RP-1 and 42-RP-2 are remote wireless record players which can be used in conjunction with any standard broadcast receiver to reproduce phonograph records. In general these models are similar in design, with the exception of the cabinet.

POWER SUPPLY: 115 Volts, 60 Cycle A.C.

PICKUP: Crystal

MOTOR: Rim Drive

TUBES: 6A7: 84

#### OPERATING:

Place record on turntable and slide "Off-On Switch" (Fig. 3.4) 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.

Tune the radio to approximately 540 KC (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 broadcasting stations is encountered, the frequency of the unit can be changed to any other frequency between 530 KC and 580 KC by adjusting small screw indicated in Fig. 3 for model 42-RP-2 and Fig. 5, model 42-RP-1. 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 the 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.

## REPLACEMENT PARTS 42-RP-1; 42-RP-2, CODE 121

hem. No.	Description	Part No.
1.	Condenser (30 mmfd.)	60-030127
2.	Power Switch	42-1562
3.	Off-On Switch (Motor) Switch Plate Washer Screw	42-1655 56-1383 W-467-FA4 W-560-FA9 W-684-FA4
4.	Motor (115 volts, 60 cycles) Turntable Mtg. Screw	35-1240 35-3047 W-89-FA4
5.	Power Cord	L-2778
6.	Condenser (.01 mfd., 200 volt)	3903-56
7.	Power Transformer (115 volts, 60 cycle	s) 32- <b>804</b> 3
8.	Phono Crystal & Tone Arm Complete Bumper	35-2479 54-4070
9.	Condenser (100 mmfd.)	60-110157
10.	Resistor (100,000 ohms)	33-410339
11.	Resistor (47,000 ohms)	33-347339
12.	Condenser (.006 mfd., 400 volts)	30-4591
13.	Resistor (I megohms)	33-510339
14.	Resistor (1,000 ohms)	33-210339
15.	Condenser (.1 mfd., 400 volts)	61-0113
16.	Compensator (Condenser Type—Mod 42-RP-1)	iel Part of 19
17.	Mica Condenser (250 mmfd.—Model RP-1)	30-1038
	Mica Condenser (420 mmtd.—Model RP-2)	30-1116
18.	Resistor (47,000 ohms)	33-347339
•19.	Oscillator Transformer (Model RP-1) Oscillator Transformer (Model RP-2)	32-3218 32-3192
19a.	Iron Core Compensator (Model RP-2 Mtg. Nut	) Part of 19 W-139-FA3
20.	Electrolytic Condenser (6-6 mfd.) Mtg. Clamp	30-2388 54-1344-FA5
21.	Resistor (10,000 ohms)	33-310339
22.	Electrolytic Condenser (6 mfd.)	Part of 20
	*NOTE: The oscillator transformers RP-1 and RP-2 differ in constr RP-1 transformer is tuned by a ca padder and the RP-2 transformer Core mounted in the center of t	uction. The spacity type by an Iron

#### MISCELLANEOUS PARTS

MISCELLANEOUS PARTS	
CABINET (42-RP-I)	10581-A
Rubber Foot	27-4817
Bottom Cover	27-9846
Screw (Foot mtg.)	W-2177-FA9
CABINET (42-RP-2)	10582-A
Bottom Cover	27-9847
SNAP BUTTON	W-1767-FC37
SOCKET (81 tube)	27-4035
SOCKET (6A7 tube)	27-6037
Mtg. Eyelet	W-1450
SCREW (CHASSIS MTG.)	W-218-FE11
WASHER (CHASSIS MTG.)	W-751FA3
NEEDI E VIT	40 1450

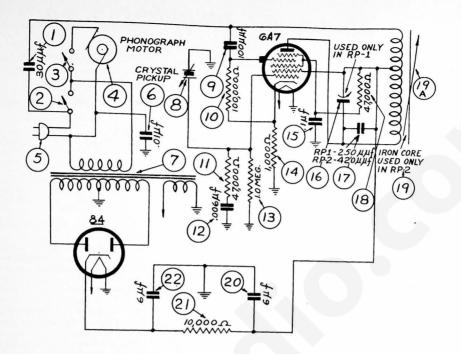


FIG I. SCHEMATIC DIAGRAM-MODELS 42-RP-1; 42-RP-2, CODE 121

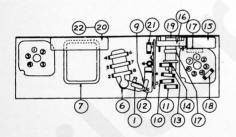


FIG. 2. PART LOCATIONS-CHASSIS

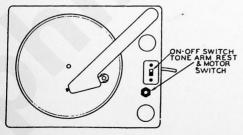


FIG. 4. MODEL 42-RP-I

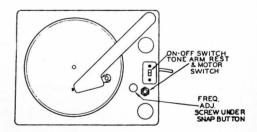


FIG. 3. MODEL 42-RP-2

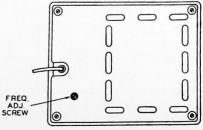


FIG. 5. MODEL 42-RP-I