

Models 42-RP-1, Code 121; 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

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Schem. No.	Description	Part No.
1.	Condenser (30 mmfd.)	60-030127
2.	Power Switch	42-1562
3.	Off-On Switch (Motor)	42-1455
	Switch Plate	56-1383
	Washer	W-467-FA4
	Screw	W-560-FA9
	Nut	W-484-FA4
4.	Motor (115 volts, 60 cycles)	35-1240
	Turntable	35-3047
	Mtg. Screw	W-89-FA4
5.	Power Cord	L-2778
6.	Condenser (.01 mfd., 200 volt)	3903-S6
7.	Power Transformer (115 volts, 60 cycles)	32-8043
8.	Phono Crystal & Tone Arm Complete	35-2479
	Bumper	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 (1 megohms)	33-510339
14.	Resistor (1,000 ohms)	33-210339
15.	Condenser (.1 mfd., 400 volts)	61-0113
16.	Compensator (Condenser Type—Model 42-RP-1)	Part of 19
17.	Mica Condenser (250 mmfd.—Model RP-1)	30-1038
	Mica Condenser (420 mmfd.—Model RP-2)	30-1116
18.	Resistor (47,000 ohms)	33-347339
*19.	Oscillator Transformer (Model RP-1)	32-3218
	Oscillator Transformer (Model RP-2)	32-3192
19a.	Iron Core Compensator (Model RP-2)	Part of 19
	Mtg. Nut	W-139-FA3
20.	Electrolytic Condenser (6-6 mfd.)	30-2380
	Mtg. Clamp	56-1344-FA5
21.	Resistor (10,000 ohms)	33-310339
22.	Electrolytic Condenser (6 mfd.)	Part of 20

*NOTE: The oscillator transformers (19) of the RP-1 and RP-2 differ in construction. The RP-1 transformer is tuned by a capacity type padder and the RP-2 transformer by an Iron Core mounted in the center of the coil.

MISCELLANEOUS PARTS

CABINET (42-RP-1)	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 (8 $\frac{1}{2}$ tube)	27-6035
SOCKET (6A7 tube)	27-6037
Mtg. Eyelet	W-1650
SCREW (CHASSIS MTG.)	W-218-FE11
WASHER (CHASSIS MTG.)	W-751FA3
NEEDLE KIT	40-4458

