

Models RP-1, Codes 121 and 122 and RP-2, Code 121 are wireless phonograph record players designed for use with any standard broadcast receiver. These models do not require any connection between the receiver and the record player. The players are identical with the exception of the control frequency by which the signal is sent to the radio receiver and cabinet types. These frequencies are indicated in the aligning instructions listed below. Each instrument is designed to operate from a 110 volt A.C. or D.C. power supply.

To place unit in operation:

First. Remove all packing material, being sure to save the small envelope attached to the tone arm. This envelope contains needles, needle screw, and rubber bumper.

Second. Lift off record turn-table and remove motor support tape by carefully pulling out tack and cutting the tape. Replace turn-table.

Third. Disengage tone arm (pickup) by rolling rubber locking ring down along arm rest and pushing sideways on tone arm. *Do not lift arm vertically when locked.*

Fourth. Place rubber bumper (contained in small envelope attached to tone arm) between the jaws of the arm rest, large end up. This forms a suitable rest for tone arm when not in use.

Fifth. Insert needle as far as possible into the tone arm head, and tighten securely with the needle screw, which should be inserted in the head of the tone arm. *A Philco needle (like furnished) is recommended for best results.*

Sixth. Check to make sure your electric supply agrees with that specified on the name label located on under side of cabinet and insert line cord plug into a convenient power outlet.

If in doubt as to the electric supply, check with your local power company.

The unit is now ready for operation. 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 KC, when using Models RP-1 code 122 or RP-2 code 121 and 1500 KC for a Model RP-1 code 121. When receiver is tuned to either of these signals the phonograph signal will be picked up. Volume can be regulated by the radio receiver's volume control in the normal way.

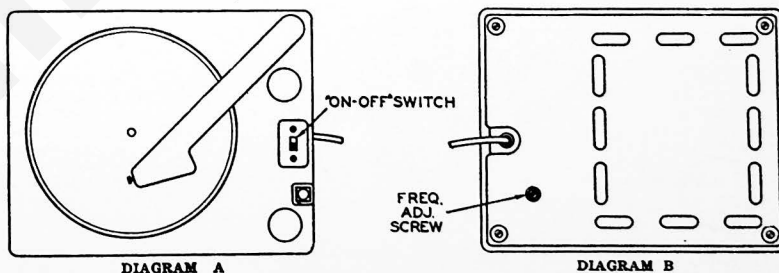
At the end of the record, return the tone arm to rest position, which will automatically turn motor off. It is not necessary to slide "Off-On Switch" to the "Off" position between records.

If interference from broadcast stations is encountered the frequency of the unit can be changed to any other frequency between 530 KC and 580 KC in code 122, 1500 KC in code 121 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 some cases it may be advisable to use the same receptacle 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.

IMPORTANT....Do not attempt to force tone arm past stops.



SCHMATIC RP-1, CODE 121

REPLACEMENT PARTS
MODEL RP-1 REMOTE RECORD PLAYER

Schem. No.	Description	Philco Part No.
1	Motor Switch and Plate Assembly	42-1486
2	Master Switch	42-1406
3	Power Transformer	32-8043
4	Line Condenser (.01 mf., 600 v.)	3903-SG
5	Motor	35-2021
6	Crystal Pickup	35-2022
7	Filter Resistor (10,000 ohms, 1/2 watt)	33-310344
8	Oscillator Grid Resistor (110 mmf.)	30-1031
9	Oscillator Grid Resistor (99,000 ohms, 1/2 watt)	33-399344
10	Comp. Resistor (51,000 ohms, 1/2 watt)	33-351344
11	Comp. Condenser (.006 mf., 200 v.)	30-4467
12	Electrolytic Condenser (6 mf.-6 mf., 150 v.)	30-2388
13	Grid Resistor (1 meg., 1/2 watt)	33-510344
14	Cathode Bias Resistor (1000 ohms, 1/2 watt)	33-210344
15	Screen By-Pass (.05 mf., 200 v.)	30-4444S
16	Screen Resistor (51,000 ohms, 1/2 watt)	33-351344
17	Pilot Light (6-8 v., .250 amp.)	34-2064
18	Oscillator Coil and Padder Assembly	32-3170

REPLACEMENT PARTS
MODEL RP-1-122 & RP-2
WIRELESS RECORD PLAYER

Schem. No.	Description	Philco Part No.
1	Motor Switch and Plate Assembly	42-1486
2	Master Switch	42-1406-2
3	Power Transformer	32-8043
4	Line Condenser (.01-.01 mf., 600 v.)	3903-DC
5	Motor	35-2021
6	Crystal Pickup	35-2022
7	Filter Resistor (10,000 ohms, 1/2 watt)	33-310344
8	Oscillator Grid Condenser (110 mmf.)	30-1031
9	Oscillator Grid Resistor (99,000 ohms, 1/2 watt)	33-399344
10	Comp. Resistor (51,000 ohms, 1/2 watt)	33-351344
11	Comp. Condenser (.006 mf., 200 v.)	30-4467
12	Electrolytic Condenser (6 mf.-6 mf., 150 v.)	30-2388
13	Grid Resistor (1 meg., 1/2 watt)	33-510344
14	Cathode Bias Resistor (1000 ohms, 1/2 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 and Padder	
	(RP-1 code 122)	32-3218
	Oscillator Coil RP-2	32-3192
19	Oscillator Condenser	
	420 mmfd. (RP-2)	30-1116

MODEL RP-3 WIRELESS RECORD PLAYER

Schem. No.	Description	Philco Part No.
1	Motor Switch	42-1503
2	Master Switch	42-1406-2
3	Power Transformer	32-8043
4	Line Condenser (.01 mf.-.01 mf., 600 v.)	3903-DC
5	Motor	35-2021
6	Crystal Pickup	35-2028
	Crystal Cartridge	415-1027
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
10	Comp. Resistor (51,000 ohms., 1/2 watt)	33-351344
11	Comp. Condenser (.006 mf., 200 v.)	30-4467
12	Electrolytic Condenser (6 mf.-6 mf., 150 v.)	30-2388
13	Volume Control	33-5322
14	Cathode Bias Resistor (1,000 ohms., 1/2 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.)	34-2210
18	Oscillator Coil	32-3232
19	Oscillator Condenser (420 mmf.)	30-1116

SCHMATIC RP-1, CODE 122 RP-2, CODE 121

