

MODEL 41-RP-6

Model 41-RP-6 is a remote type record player which can be used in conjunction with any standard broadcast radio to reproduce phonograph records.

POWER SUPPLY: 115 volts, 60 cycle, A. C.
POWER CONSUMPTION: 30 watts.

This model may be also operated on a 115 volts, 50 cycle power supply by changing the motor as indicated in the parts list.

PHILCO TUBES USED: 6A7, Oscillator; 84, Rectifier.

OPERATION: Place record on turntable and slide "Off-On" Switch (Figure 1) to "On" position; this will be indicated by pilot light in tone arm.

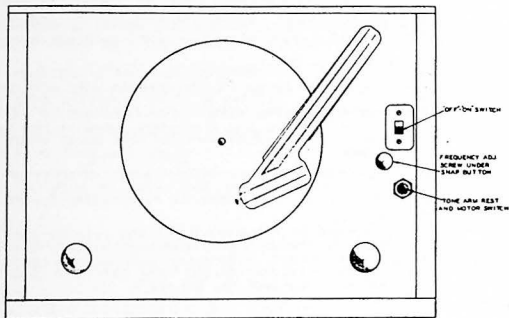


FIGURE 1

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

Next, tune the radio 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, 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.

Operation Very Close to the Receiver

A range switch will be found on the lower side of the drawer. (See Figure 2). If the player is installed very close to the receiver, slide this switch to the "near" position for best tone quality. When the player is more than a short distance from the receiver, with the switch in the "near" position, the noise in the receiver will be louder than the music from the record. In this case, leave the range switch in the "distant" position. It may be necessary to retune the receiver slightly if the range switch is changed. After the best position for the range switch is determined, it is not necessary to change it as long as the player and receiver are not moved.

INTERFERENCE

If interference from broadcasting stations is encountered, the frequency of the unit can be changed to any other frequency between 530 K. C. and 570 K. C. by removing snap button and adjusting small screw indicated in Diagram "Fig. 1". 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 comfortable listening distance, provided local noise conditions are not too severe.

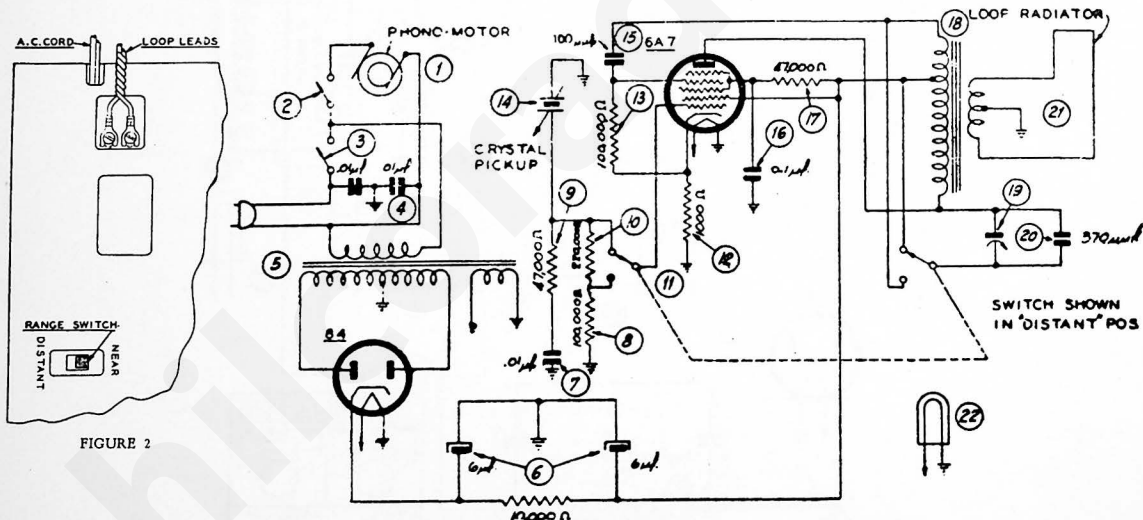


FIGURE 2

SCHEM. No.	DESCRIPTION	PART No.	SCHEM. No.	DESCRIPTION	PART No.	SCHEM. No.	DESCRIPTION	PART No.
①	Phono-motor (115 volts, 60 cycles)	35-1240	⑩	Resistor (100,000 ohms)	33-210339			
②	Screw (Mtg.)	W-80	⑪	Resistor (100,600 ohms)	33-410339			
③	Turntable	35-3017	⑫	Crystal Pickup (Complete)	35-2470			
④	Motor Switch	42-1051	⑬	Bumper (Plexiglas Arm)	54-4070			
⑤	Master "On-Off" Power Switch	42-1562-2	⑭	Condenser (100 mmfd.)	60-110157			
⑥	Line Filter Condenser (.01-.01 mfd.)	3903-19G	⑮	Condenser (.1 mfd.)	30-4435			
⑦	Power Transformer (115 volts, 60 cycle)	32-8043	⑯	Resistor (47,000 ohms)	33-447339			
⑧	Electrolytic Condenser (5-6 mfd.)	30-2388	⑰	Coupling Transformer	32-3646			
⑨	Clamp	56-1346	⑱	Clip Mtg.	28-5002			
⑩	Condenser (.01 mfd.)	30-4572	⑳	Compensator	31-6268			
⑪	Resistor (100,000 ohms)	33-410339	㉑	Silver Mica Condenser (370 mmfd.)	30-1110			
⑫	Resistor (47,000 ohms)	33-317339	㉒	Loop Aerial	Consists of short piece of wire			
⑬	Resistor (250,000 ohms)	33-422339	㉓	Pilot Lamp	34-2064			
⑭	Range Switch	42-1657						

MISCELLANEOUS PARTS	
Cabinet	10534A
Screw (Chassis Mtg.)	W-218
Washer (Chassis Mtg.)	W-191
Bottom Cover	27-9R58
Cable (Power)	1-2778
Needle Kit	40-6458
Screw (Chassis Mtg.)	W-218
Socket (3-prong)	27-0035
Socket (7-prong)	27-0037
Switch Plate	50-1383
Screw	W-500PA9