

Philco Radio & Television Corp.

Model: 41-255

Chassis:

Year: Pre April 1941

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

[Riders Volume 12 - PHILCO 12-56](#)

[Riders Volume 12 - PHILCO 12-61](#)

PHILCO RADIO & TELEVISION CORP.

SEE MODELS BELOW

MODEL 41-260, 41-265, 41-246, 41-609, 41-609

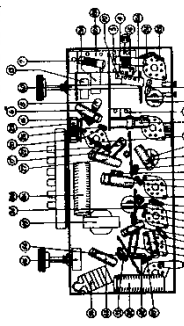
PROCEDURE FOR SETTING AND OPERATING THE ELECTRIC PUSH BUTTON TUNING

The automatic tuning mechanism of each model is identical. The push buttons are used for selecting broadcast stations, and one or the power indicator (On-Off switch) is used to select the desired station. The frequency range of the buttons and corresponding pointers is as follows:

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

The second button from the left, looking at the front of the cabinet, is the "On-Off" switch. It is used to select the correct station tuned in. When the correct station has been selected, the "On-Off" switch is turned to the "On" position. Then, depressing the second button, tune in this station by turning the "OSC" screw until the "OSC" pointer indicates the desired station. This may cause the radio to hum or flutter when the station button is depressed. To correct this, loosen the "ART" screw slowly and listen carefully at the station. The "OSC" screw should be adjusted for maximum. For wide stations, it may be necessary to readjust the "OSC" screw

MODEL 41-246



SIGNAL GENERATOR: When adjusting the I.F. padlock, the high side of the signal generator is connected to maximum output. Connect the ground or low side of the generator to the chassis.

MODEL 41-244

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

When adjusting the push button, the chassis is held open or near the chassis as shown in the schematic diagram. After connecting the aligning instruments, adjust the components as shown in the schematic diagram. If the indicating meter pointer goes outside the scale, the instrument pointer, reduce the strength of the signal from the generator.

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

MODEL 41-260, 41-265

When aligning the R.F. padlock, a loop is made from a few turns of No. 22 wire. The signal generator is then placed close to the loop. The signal generator is then placed close to the loop of the radio. The radio should be in approximately the same position around or near the chassis as when assembled. The chassis is then placed in the cabinet. If multipointer set, make up the chassis as shown in the schematic diagram. The other end of the meter is connected to the chassis. When using these controls, the "On-Off" switch is turned to the "On" position. The "OSC" screw is adjusted for maximum. For wide stations, it may be necessary to readjust the "OSC" screw

The radio output meter can also be connected between the push button and the chassis. When using the "I.F." padlock, the "OSC" screw is adjusted for maximum. For wide stations, it may be necessary to readjust the "OSC" screw

Model 41-260

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

Model 41-265

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

When adjusting the R.F. padlock, a loop is made from a few turns of No. 22 wire. The signal generator is then placed close to the loop of the radio. The radio should be in approximately the same position around or near the chassis as when assembled. The chassis is then placed in the cabinet. If multipointer set, make up the chassis as shown in the schematic diagram. The other end of the meter is connected to the chassis. When using these controls, the "On-Off" switch is turned to the "On" position. The "OSC" screw is adjusted for maximum. For wide stations, it may be necessary to readjust the "OSC" screw

The radio output meter can also be connected between the push button and the chassis. When using the "I.F." padlock, the "OSC" screw is adjusted for maximum. For wide stations, it may be necessary to readjust the "OSC" screw

When adjusting the push button, the chassis is held open or near the chassis as shown in the schematic diagram. After connecting the aligning instruments, adjust the components as shown in the schematic diagram. If the indicating meter pointer goes outside the scale, the instrument pointer, reduce the strength of the signal from the generator.

Buttons (front)	Circuit	Buttons (rear)	Frequency Range
1	Art	1	On-Off Switch
2	One	2	540 to 560 kilocycles
3	Two	3	540 to 560 kilocycles
4	Art	4	710 to 1185 kilocycles
5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
9	Art		
10	One		

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5	One	5	560 to 1000 kilocycles
6	Two	6	1185 to 1720 kilocycles
7	Art		
8	One		
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