



Assume that station WABC is desired. The frequency of this station is 860 kilocycles or 349 meters. By consulting the table it will be seen that this station lies between 550 to 900 kilocycles (548 to 333 meters) or 650 to 1050 kilocycles (462 to 286 meters). Therefore this station can be tuned in by using number 3 or 4 adjusting condensers, and pressing the proper button. Note the program on WABC at that instant, press in the 3rd knob from the top, and adjust the osc. cond. number 3 until the WABC program is heard. Then adjust the det. cond. number 3 until the station is received with the greatest possible volume. All the stations may be adjusted in like manner.

After an elapse of 24 hours, from initial adjusting, it is necessary to recheck all adjusting condensers to see if any of them have shifted. After this rechecking no further adjusting should be necessary.

Select five stations and determine in what frequency range each one will lie, by consulting the *adjust* table. Press the button corresponding to this frequency range and adjust the corresponding "osc. cond." until the desired station is heard. Then adjust the corresponding "det. cond." until the station comes in with the greatest possible strength. It is advisable to tune in the station with the antenna wire disconnected from the receiver and holding the end of the red lead in the hand. The volume of the receiver should be turned lower as the station comes in louder. Since several stations will be heard while tuning in the desired station, it will help a great deal to know the program coming from the desired station at that instant. This can be easily found by pressing the lowest button and using the tuning knob to pick up that station.

CONVENTIONAL ALIGNMENT, SEE SPECIAL SECTION VOL. VIII

How To Adjust Buttons For Selected Stations:

On the rear of the chassis there is a label marked with two rows of numbers from 1 to 5 with an adjusting condenser next to each number. Two of these condensers having the corresponding numbers must be adjusted to receive any one station. The frequency range of the adjusting condensers are as follows:

Det. adj. Condenser	Osc. Adj. Condenser	Range in K.C.	Corresponding Switch Button
1	1	520-730	Top
2	2	520-730	2nd from Top
3	3	550-900	3rd
4	4	650-1050	4th
5	5	1000-1750	5th