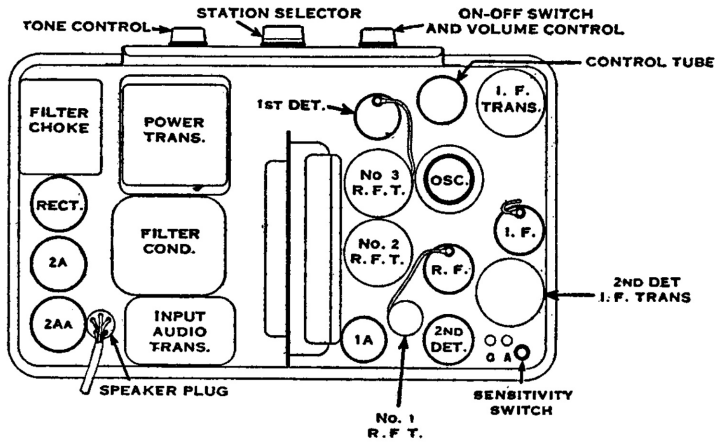


MODEL 89, 89-F, 89-P  
3rd Type

ATWATER KENT MFG. CO.

MODEL 89 (3rd Type) Above Serial No. 6755181  
MODEL 89-F (3rd Type) Above Serial No. 1585395  
MODEL 89-P (3rd Type) Above Serial No. 1935904

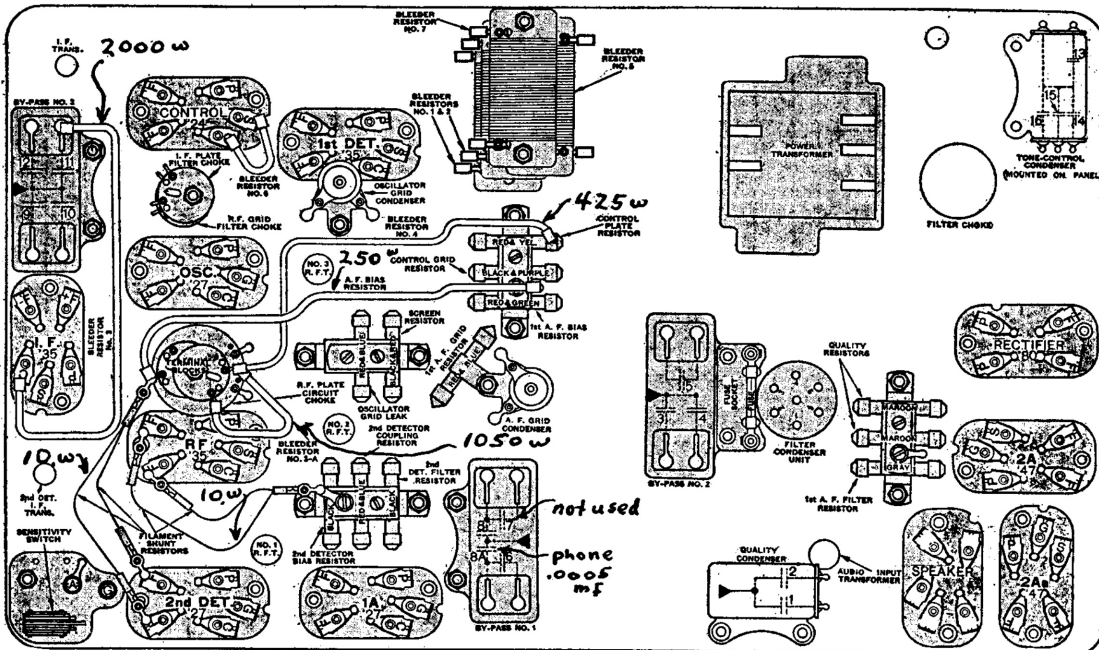
**TUBES**  
R. F. = '35  
1st Det. = '35  
I. F. = '35  
2nd Det. = '27  
1st A. F. = '27  
2nd A. F. = '47(2)  
Osc. = '27  
Control = '24  
Rectifier = '80



TOP VIEW.

Model 89-P has two binding posts for pick-up connection at the rear of the chassis, and a radio-phonograph toggle switch is mounted on the front panel.

RF Bypass # 1 rated at 400 volts      Quality condenser rated 450 volts  
RF Bypass # 2 rated at 200 volts      Tone control rated 200 volts  
RF Bypass # 3 rated at 400 volts



BOTTOM CHART.

By-pass Condensers

- |  |  |                                 |                            |
|--|--|---------------------------------|----------------------------|
| By-pass No. 1                                | By-pass No. 2                          | By-pass No. 3                   | Tone-control Condenser     |
| 6—2nd-detector—1st-A. F. coupling condenser. | 3—R. F.—I. F. bias by-pass.            | 9—I. F. plate filter condenser. | 13—Tone-control condenser. |
| 7—Not used.                                  | 4—2nd-detector plate filter condenser. | 10—R. F. grid filter condenser. | 14—Tone-control condenser. |
| 8—2nd-detector bias by-pass.                 | 5—Screen by-pass.                      | 11—1st-detector bias by-pass.   | 15—Tone-control condenser. |
| 8A—Phone condenser.                          |  | 12—Control plate by-pass.       | 16—Tone-control condenser. |