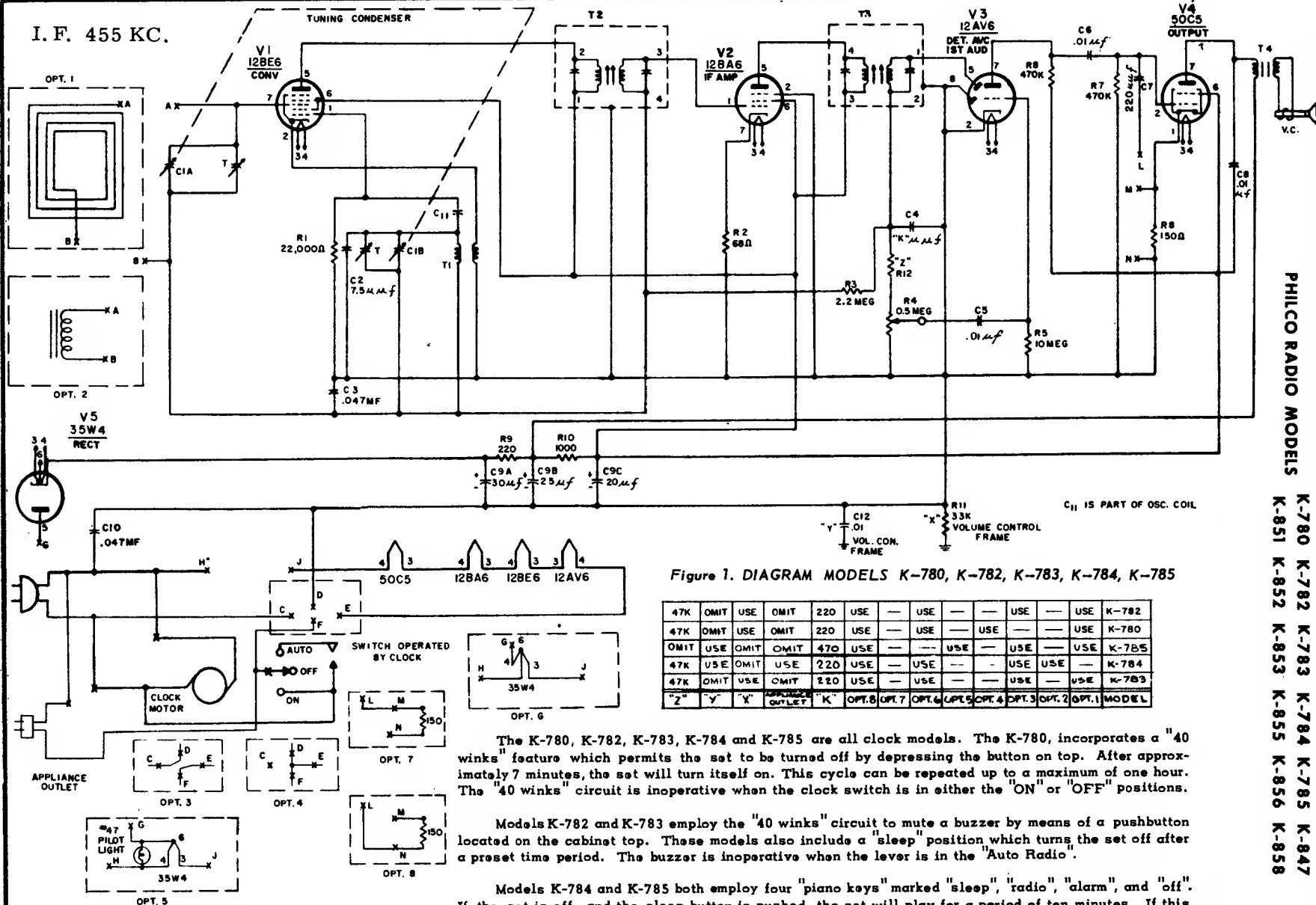


I. F. 455 KC.



PHILCO RADIO MODELS

K-780 K-782 K-783 K-784 K-785 K-847
K-851 K-852 K-853 K-855 K-856 K-858

(Service material continued on the next two pages.)

The K-780, K-782, K-783, K-784 and K-785 are all clock models. The K-780, incorporates a "40 winks" feature which permits the set to be turned off by depressing the button on top. After approximately 7 minutes, the set will turn itself on. This cycle can be repeated up to a maximum of one hour. The "40 winks" circuit is inoperative when the clock switch is in either the "ON" or "OFF" positions.

Models K-782 and K-783 employ the "40 winks" circuit to mute a buzzer by means of a pushbutton located on the cabinet top. These models also include a "sleep" position which turns the set off after a preset time period. The buzzer is inoperative when the lever is in the "Auto Radio".

Models K-784 and K-785 both employ four "piano keys" marked "sleep", "radio", "alarm", and "off". If the set is off, and the sleep button is pushed, the set will play for a period of ten minutes. If this button is pushed twice, the set will play for 30 minutes, and so on up to a maximum period of 65 minutes. If the alarm is on, the sleep button will mute it for a period of 10-30 minutes, depending on the number of times the sleep button is depressed.

PHILCO MODELS K-780, K-782, K-783, K-784, K-785, K-847 K-851, K-852, K-853, K-855, K-856, K-858

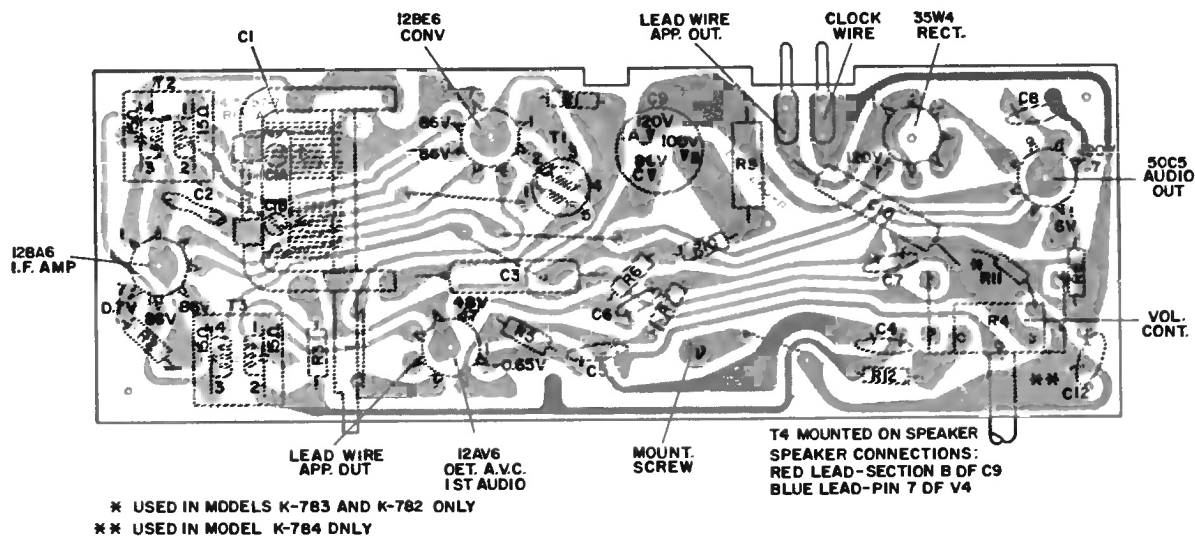


Figure 2. Bottom View of Permo Circuit Panel Component Layout Models K-782, K-783, K-784

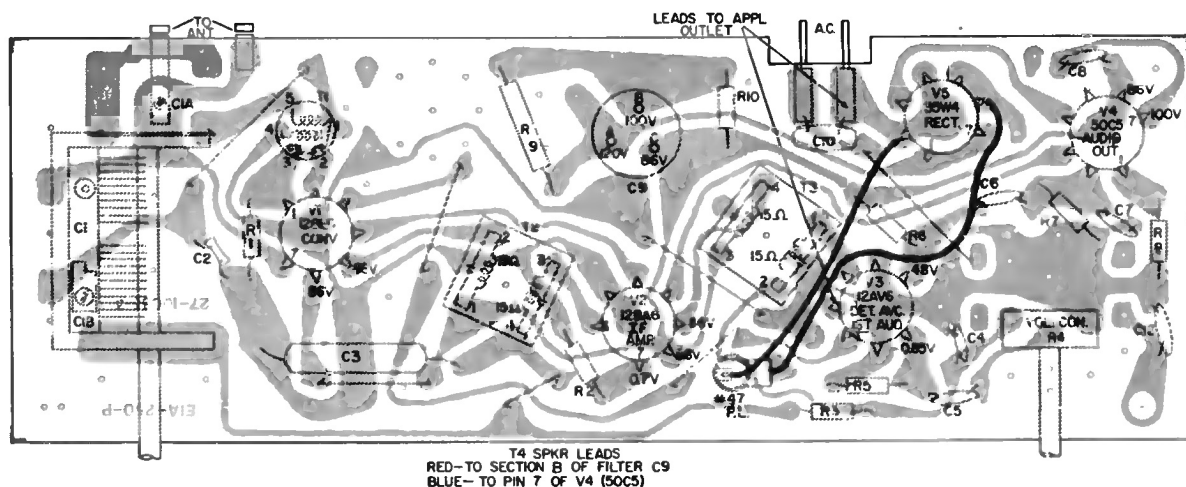


Figure 3. Bottom View of Permo Circuit Panel Component Layout Model K-785 (Layout Model K-858 is similar.)

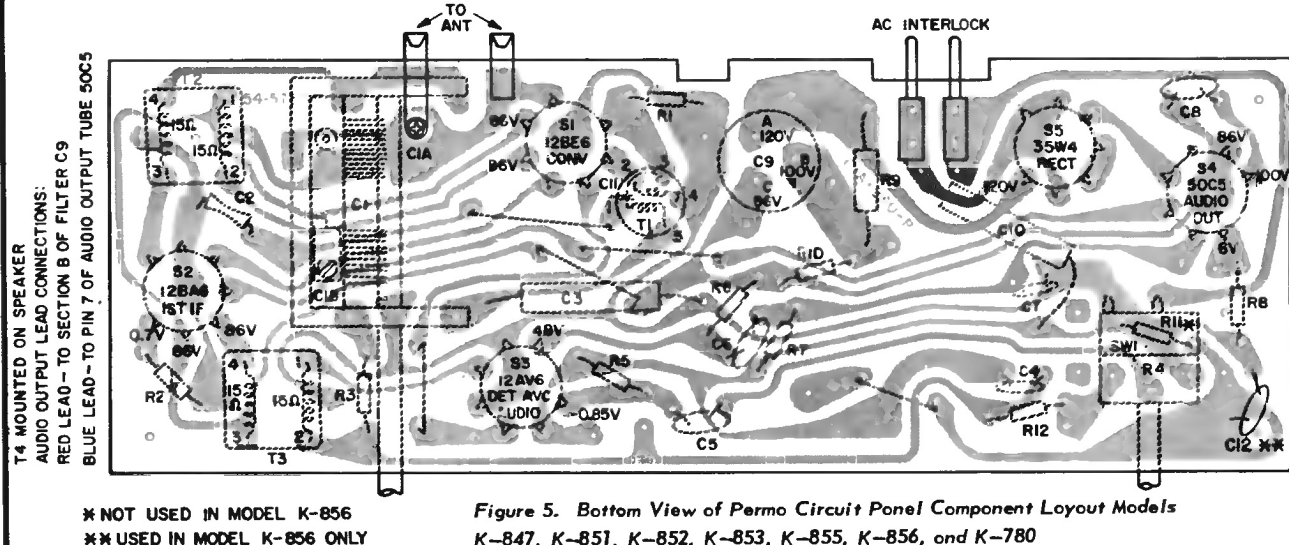


Figure 5. Bottom View of Permo Circuit Panel Component Layout Models K-847, K-851, K-852, K-853, K-855, K-856, and K-780

