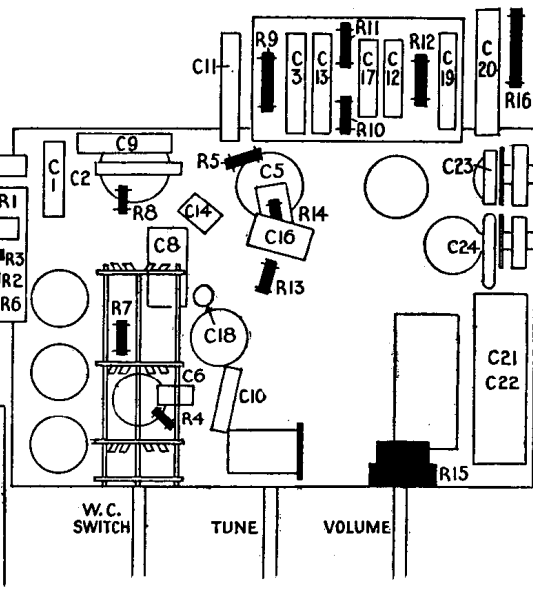
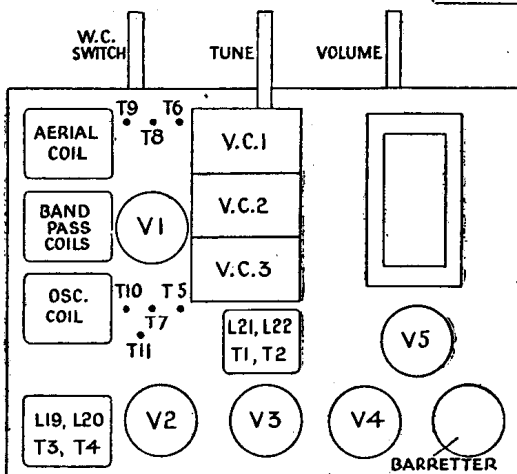




# ALBA 870 AC

Continued

These two drawings identify the components on the 870AC chassis. Below "deck" resistors are drawn in solid black to distinguish them from small condensers. As the top of chassis view (below) indicates, the trimmers are accessible from above.



HT is derived from the full-wave rectifier V5 with smoothing effected by the field winding L27 and condensers C17 and C18. A mains aerial lead is provided for picking up HF signals from the mains wiring via C19.

## GANGING

**IF Circuits.**—The manufacturers do not recommend adjustment of the IF circuits without the use of an oscillograph. If alignment has to be carried out a signal of 117.5 kc should be injected into the grid circuit of V1 and T1, T2, T3 and T4, adjusted for maximum output.

**Band-passing** can be effected by slightly staggering the adjustments to the trimmers if peaking results in instability or harsh reproduction.

**SW Band.**—Switch receiver to SW and tune it to 20 m.

Inject a signal of this wavelength into the aerial and earth sockets and adjust T5 and T6 for maximum output.

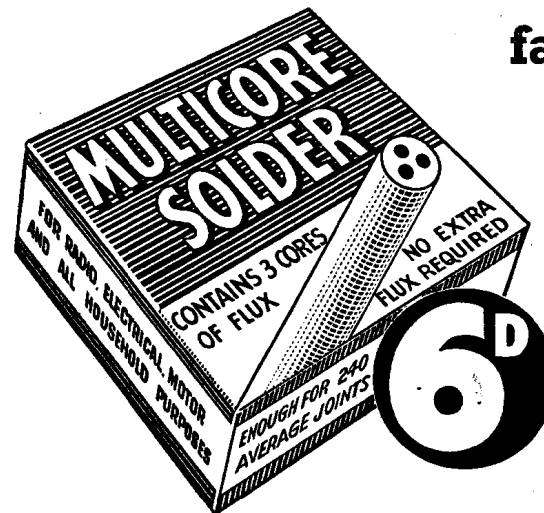
**MW Band.**—Switch receiver to MW and tune it to 200 m. Adjust T7 for maximum output on a signal of this wavelength.

Tune receiver to 500 m, and on a signal of this wavelength adjust T8 and T9 for maximum output.

**LW Band.**—Switch to LW and tune to 1,600 m. Inject a signal of this wavelength and adjust T10 for maximum output and, while rocking the gang, T11.

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