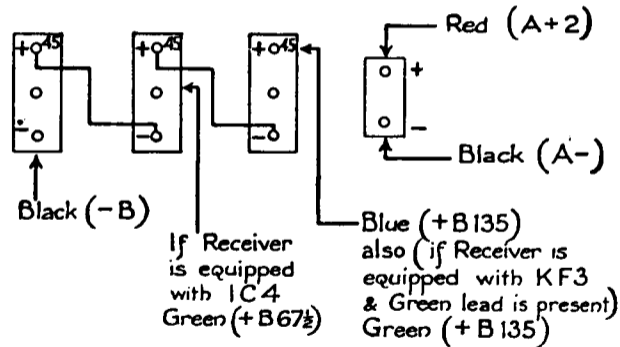


Alterations to Briton Models 3 and 4

Early serial numbers of Briton model "3" are fitted with solenoid type tuning coils. In later models pie-wound coils were used and a "Sirufer" permeability-trimmed aerial coil was included.

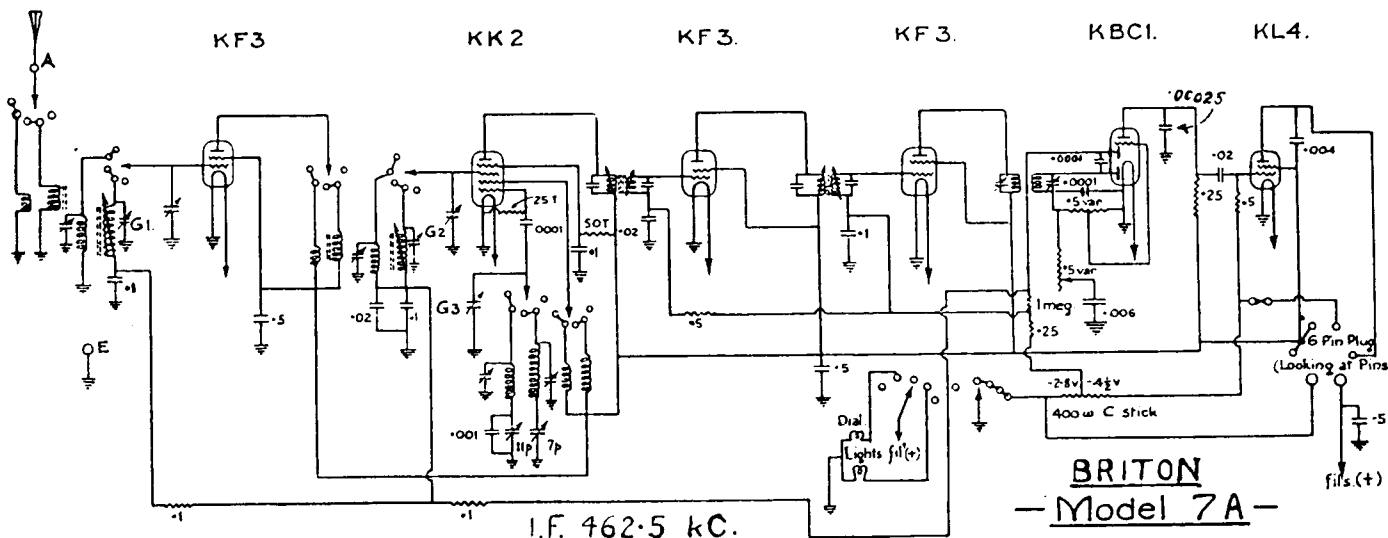
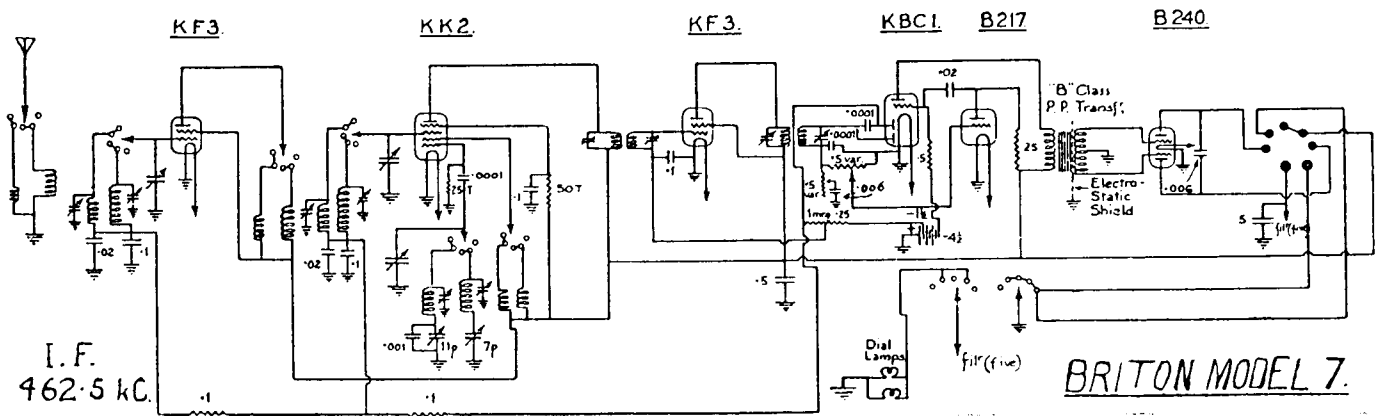
A further feature will be found in the later serial numbers of this model in the form of inverse feed-back. This is obtained by connecting a 2 megohm resistor and a 0.00025 mfd. mica condenser (in series) between the plate and grid of the output pentode. This system also was applied to model "4."

Diagram of Battery Connections. Models 5, 6, 7.



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"Briton" Battery Dual-Wave Console Models 7 and 7A



Briton models "7" and "7A" are both six-valve dual-wave battery-operated console receivers, each using a 10-inch permag. loudspeaker. Model "7" originally was introduced as a "de luxe" version of model "6," but was discontinued after serial No. 25 in favour of model "7A." This last follows the design of model "6" fairly closely, but differs in some important features such as the use of permeability-tuned I.F. transformers and two I.F. amplifier stages.

CHANGES

Serial numbers 1 to 6, inclusive, of model "7" employed type

1C4 valves instead of the KF3 valves shown. The KF3's were employed in nos. 7 to 25, inclusive, but the B217 was replaced by a KC3, and the B240 by a KDD1 in these later receivers. Later, when the "7A" chassis was introduced and in production, it was found that an improvement in results could be achieved by the use of a 1K6 instead of the KBC1. To effect this change, screen supply for the 1K6 was necessary, and this was obtained by connecting a 0.5 meg. resistor between plate and screen and by-passing the screen to earth with a 0.1 mfd. condenser.