THE "ECONOMY" THREE

Simple Set Available in Kit Form

WE, of Aegis, believe that many suburban families are desirous of an extra radio in the home, but feel that they cannot afford to pay present-day prices for that second radio. The necessities for a second radio are numerous. A few examples, for instance. The housewife usually enjoys listening to the week-day morning serials and since much of her work is accomplished in the kitchen, that is the ideal place for it. Every morning at breakfast, one who has to be at work on time (and who doesn't?) is constantly reminded of the correct time if there is a radio in the kitchen. Or perhaps the children have special sessions they like listening to, so with a second radio in their room they can have their own radio entertainment without annoying the adults of the family. Another popular use would be to take the set out of doors into the garden where the man of the house can listen to the races and ball games while at the same time accomplishing his Saturday afternoon work.

Designed and Described

by

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With this thought in mind we have developed the "Economy Three" Kit Set, a moderately small mantel radio, attractive in appearance, light in weight, economical to operate, and at a price within everyone's reach. Yet with a "built-in" aerial as a special feature it will give ample volume on all local stations. Anyone who can solder and use a few ordinary tools can built it and no laboratory equipment at all is needed for alignment when the kit has been completed.

Assembly

First of all, examine all the diagrams and study the correct positions of all the components, and, having done this, mount the three valve sockets on the underside of the chassis, using the ¼-inch x ⅛-inch screws and nuts. Now group all parts for the dial assembly together and with the two special diagrams on this subject placed in front of you, carefully assemble all the parts in the manner shown. Tubular spacers of two lengths are now furnished for positioning the dial backplate out from the chassis the proper distance. This is the only change from the procedure shown on the diagram. The next operation is mounting the tuning condenser, or gang, whichever you choose to call it. This unit is mounted up from the top of the chassis with three ⅜-inch spacers and three ½-inch x ⅛-inch screws. Following this, close the rotor plates so they are fully meshed and slip the dial drum on the shaft underneath the chassis. Rotate the drum to its correct position, as illustrated on the dial diagrams, line up the edge with the pulleys, and tighten the grub-screws.

Instructions For Fitting The Dial Cord

Start with the pointer carriage and thread the dial cord through Hole 1, and out through Hole 9, so that 24 inches of cord is left free from both holes. With the gang condenser at maximum capacity, adjust the dial drum so that the cord slots are in the position shown. Pass the cord around pulley 2, then pulley 3, through the hole in the chassis 4, around the

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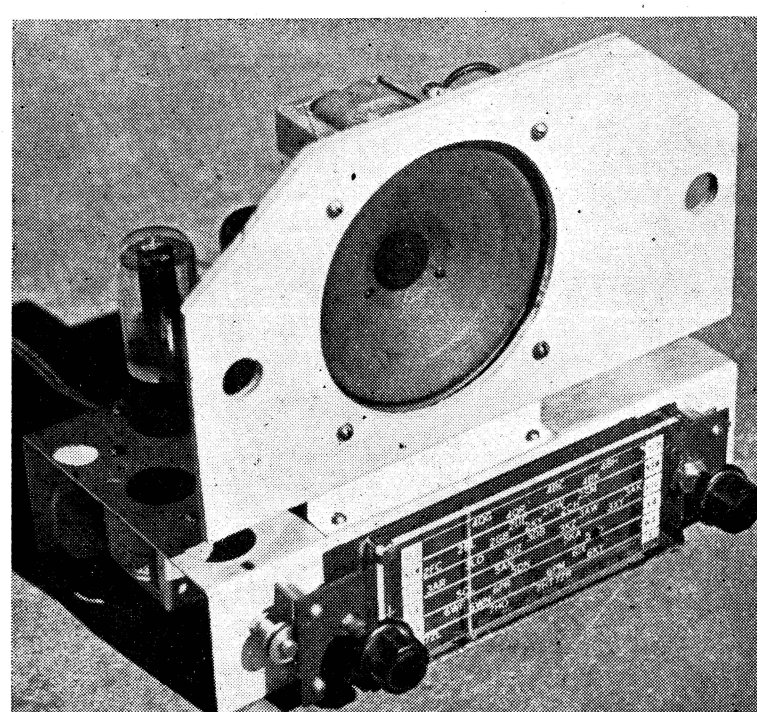

Front view of the chassis after it has been removed from its moulded-bakelite cabinet.