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# THE ACOUSTICAL A.M. TUNER

## INSTRUCTIONS

THE ACOUSTICAL A.M. TUNER is designed to match the ACOUSTICAL QUAD 11 amplifier, both electrically and in fitting and style. The mounting procedure is the same as that for the Control Unit of the amplifier, i.e. cut an opening in the cabinet 10" x 3" with  $\frac{1}{2}$ " diameter corners. Slip off the dust cover of the tuner after removing the four retaining screws at the rear. Insert the tuner from the front, feeding the cables through the hole first. Replacing the dust cover, and tightening the four screws previously removed will then fix the unit firmly in position.

### Connecting.

The cables may now be plugged into the appropriate sockets on the Quad 11 control unit, and aerial (Red socket) and earth (Black socket) connections made.

The unit is despatched with all valves in position, and is now ready for immediate use.

### Aerial.

The A.M. tuner will operate from any aerial system, but for best results a long vertical aerial is recommended. It should be remembered that the down lead is also part of the aerial and should therefore be kept away from the building as far as possible.

Where "domestic" static is troublesome, the anti-static type of aerial transformer and screened down lead may be used.

### Controls.

There are three controls, Tuning, Waveband and Selectivity. The functions of the first two are straightforward, and need no explanation.

### Tune.

The selectivity control has two positions. On "Tune" the overall response of the tuner is limited to 5 Kc/s and on this position the tuning indicator at the right hand side of the dial will indicate correct tuning. When the vertical part of this "exclamation mark" is at its shortest, that particular station has been correctly tuned in. This position is also useful for listening to station through difficult reception conditions.

### Widerange.

After tuning in the station required on "Tune" the selectivity switch should be turned to "Wide Range" to enjoy the full quality of reproduction available from the local stations in good reception areas. The overall audio response of the unit is now 12 Kc/s and if occasionally this extra bandwidth should also bring in adjacent interference due to poor reception conditions, it is possible that more enjoyable listening may be achieved on the narrower "Tune" position.

### Earth.

The earth connection should be made to a good earth such as a cold water main, or an outside "Earth" this connection is sufficient for the whole installation and a separate connection to the amplifier should not be used.