

ATWATER KENT

Detector 2-Stage Amplifier

General Data

The Detector 2-Stage Amplifier is designed to meet the demand for a compact, neat unit which is simple yet efficient in operation.

This No. 3812 Detector 2-Stage amplifier is a recent design for use with the newer types of 6 volt $\frac{1}{4}$ ampere tubes. In this unit all three tubes are controlled by one rheostat. If desired a 1 ampere detector tube may be used but do not attempt to use 1 ampere tubes in all three sockets as it may cause the rheostat to burn out.

If only one stage of amplification is to be used the second stage can easily be cut out by a few changes in connections. First disconnect the positive "B" battery wire from the "+B" binding post. Then connect the red striped lead of head phone or loud speaker to the post from which the positive "B" battery lead has been removed.

Next connect the remaining lead of head phone or loud speaker to the positive "B" battery wire which you previously disconnected from the positive "B" binding post.

Do not insert tubes until all connections have been carefully checked. Be sure that all connections are clean and tight.

It is not essential to make connections to mid-points in some of the wires as shown on the diagrams. Unless the connections are soldered it is best to run each individual wire to its proper terminal.

Atwater Kent Radio instruments are carefully tested during assembly and when completed and are guaranteed against defective workmanship and material. We do not, however, assume responsibility for a unit which has been tampered with or changed in any way.

NOTE:—If you have occasion to write to the factory it is essential that you enclose a list of the units you are using with a diagram showing your arrangement of connections.

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