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The same meter, by use of a shunt can also be used for position M. To allow reading of the metronome, this shunt can also be used for position N. The scale of the meter will extend the range to read approximately 500 m/a over a distance of about 1m which is the approximate centre of the terminals on a 2" diameter panel.

The use of a meter for tuning is a must with this type of receiver. As with all electronic equipment, however simple, the insertion of a meter into the circuit for testing or tuning purposes is the only positive way of seeing what is actually happening.

METERS

In either case however there is no need to switch the actuator circuit.

Unless it is desired to have the tactility of meter readability a permanentity of the model, then 2-pin sockets should be inserted in the tactility of meter readability a permanentity of the model. It should be remembered however, that when the meter is disconnected both of these sockets must be "shorted out", with an appropriate 2-pin plug on which the pins are connected together, thus continuing the circuit.

The connection of all leads to the components, especially to solder tags, should be carried out as follows:-

WIKI

The basic receiver unit is now complete and ready for wiring up and testing. Before doing so however, thoroughly re-check that every component is in the correct position and has been properly soldered. A friend will often locate an error that you, yourself have constantly overlooked. Check that no soldered joint is shorting out to a different conductor, or that a piece of surplus solder or wire is not doing likewise. Make certain that the soldered ends of the component wires have also been removed so that none of these could be accidentally bent and cause a similar short-circuit.

CHENG

The coloured Leads and tag connections are therefore as follows:-

This receiver must be connected up as shown in the wiring diagram, strictly adhering to the colour-coded flexible leads stated to avoid any possible mistakes. All the wiring shown as heavy black lines in the diagram are negative and may be carried out in black coloured wire. It will be noted, however, that to avoid confusion, the common H.T./L.T. negative from tag 2 is grey coloured wire. On no account, must this grey wire be connected to the black negative wiring of the oscillator circuit from common and may be joined.

