

Use of Electret Mics on radios designed for dynamic mics

When using our very popular M350-ADJ Electret-Condenser Mic on radios like the Kenwood TS-2000 that was designed for a Dynamic Mic it is necessary enable Mic BIAS for the Electret Mic. This is easy to do now that we have provided this capability with our Headset-To-Radio cables. There is a 2-Pole DIP switch inside the housing on the cable where the Headphone Cord and the Mic Cord separate.

To enable Mic BIAS for your Electret Mic:

Carefully remove the 3 screws holding the housing together. Remove the cover of the housing and this will expose the 2-Pole DIP switch mounted on the Printed Circuit Board inside. See the attached drawing for DIP switch settings. The "White" indicates the position of the DIP switch slider. Compare with the "DEFAULT" setting first and then make the changes to enable Mic BIAS. Replace the cover being careful not to pinch a wire when reassembling. Set the 3 plastic type screws in their respective holes. Rotate each screw counter clockwise until you feel the screw drop into the threads, and then turn clockwise to just snug the housing halves together. This prevents damaging the plastic housing threads.

Proceed to set Mic Gain while observing ALC as usual.

73 Dave WI6R