

## bhi Desk Top “Noise Away” Speaker Dis-Assembly and Audio Adjustment Procedure

1. Using a very fine flat blade screwdriver of something similar like a letter opener, carefully prise the grille off by pushing the tool into one of the corners where the speaker grille touches the speaker housing. Carefully lever the grille up and then pull the grille out from the front of the speaker.
2. Carefully pull the grille to one side to expose the 6 screw holes. Using a suitable Philips or pozi screwdriver remove the screws (can be 4 or 6 screws).
3. Remove the front half of the speaker and remove the baffle material and lay to one side so that the circuit board is accessible.
4. Connect your radio to the speaker, connect the power to the speaker and switch the radio on. With the speaker in bypass mode (power off), turn the radio volume to your normal audio level. Now switch the speaker on.
5. Look at the red LED near the large electrolytic cap and relay (see schematic below). If this is flashing red then you need to adjust the pot P2 counter clockwise so that there is the odd flash of red or none at all from the LED.
6. If the LED is not flashing then you need to adjust P2 clockwise until the LED flashes then back it off and adjust as in 5.
7. If you wish to increase the audio output you can adjust the potentiometer P1 clockwise to give you the desired level. Please be aware that if you increase this level, when you turn the speaker off it will revert to bypass and the audio output will be lower. If you turn the volume up on your radio to compensate and then switch the speaker back on, the volume may be too loud for you.
8. Once you are happy with all the audio levels and audio quality, re-assemble the speaker carefully (remember to put the white baffle material back in the speaker prior to fitting the screws).

### **Note:**

Wiring omitted for clarity

