

## **Instruction for BHI NEDSP1062 KBD in Kenwood Desk Speaker SP 430 and SP 23**

By this instruction you will fit in the BHI NEDSP1062 in the Kenwood desk Speaker within less than 60 minutes.

Please follow the instruction step by step and to your support you will find some images.

You need following tools and material beyond what is included in the BHI kit;

- One soldering iron (about 30 watts)
- One phillips screwdriver (medium size)
- Some soldering

**Step 1:** Unscrew the top of the speaker cabinet, there are 6 screws;  
-2 on each side of the speaker, and  
-2 on the top of the cabinet.

Please put them on a secured place like in a small cup or similar.

**Step 2:** Put the top of the cabinet aside. In the rear of the speaker you find a black and red cable which goes to the speaker. The red cable + (plus) is connected to the speaker + side, the black cable - (minus) and is connected to the speaker - side. If you are doubtful you may have a look on the rear of the speaker on the outside, here you find a small plate where you can read + and -. You find the same markings on the speaker where the cables are soldered on. Unsolder both cables from the rear. You will now have 2 separate cables (wires) hanging loose from the speaker, one black - (minus) and one red + (plus)!

### **Step 3:**

- Connect and solder the black wire from the NEDSP1062 (11) to the rear of the speaker - (minus) polarity,
- Connect and solder the red wire from the NEDSP 1062 (9) to the rear of the speaker + (plus) polarity. You have now connect the DSP to incoming audio signal from your rig.

### **Step 4:**

Connect the loosed hanging wires from the speaker with NEDSP 1062 by;  
-connecting the red wire from the speaker with the blue wire from the DSP (10), and  
-connecting the black wire from the speaker with the black wire from the DSP (12). Insulate the soldering carefully after you have joined the wires!

The NEDDSP1062 will now be inline with the audio from your rig and the Desk Speaker!

### **Step 5:**

Mount the DSP in the middle of the speaker. Drill a screw whole in the middle of the bottom of the cabinet. You will find the dimension of the screw in the manual and all parts are included in the BHI kit. Place the DSP in the bottom of the cabinet and screw it tight by using the screw in the kit and the thread in the heat sink. The cooling will be increased by the cabinet, but please read the manual regarding 0 voltage mounting!

### **Step 6:**

Use one of the ventilation holes in the rear of the speaker to mount the power wire, it fits perfect!

### **Step 7:**

Place the sounder in the bottom of the cabinet over the grid. Fastened the sounder with the stickers which is included in the BHI kit.

### **Step 8:**

Keyboard mounting! The keyboard can not be mounted at the plastic front of the speaker, too little space! Instead mount the keyboard on top of the cabinet. All measurements and dimension are found in the manual. The holes and the screw head are covered by the BHI sticker, but be accurate when drilling the holes and countersink the screw hole in order to hide the screw head under the sticker.

You will find the operation of the DSP very easy when it's mounted on the top of the cabinet.

### **Step 9:**

Replace the top of the cabinet by using the six screws.

Now your are finished!

**Enjoy noiseless listening with your Kenwood desk speaker!**





