UHC Sound Device Replacement Kit

In This Kit		
Part No.	**Description**	**Qty**
806-9543	Sound device assembly	1
Xxxxxxx	250 ohm resistor	1
819-5693	Instructions	1

Follow the instructions in this kit to replace a failed sound device on the motherboard of a UHC. The sound level of the device can be reduced to 73 dB's if the provided resistor is attached in series with a lead from the new sound device.

1. Remove power from the unit by unplugging the UHC.

2. Access the UHC master control board by removing the UHC sides and top. For stacked units, see the shelf component procedure in the service manual.

3. Grasp the sound device with a pair of pliers and pull back and forth while supporting the board with your other hand. Avoid twisting the sound device. The device will come off of the board in one of three ways:

   a. Both posts remain on the control board.

   b. Both posts remain with the sound device.

   c. One post on the control board and the other with the sound device.

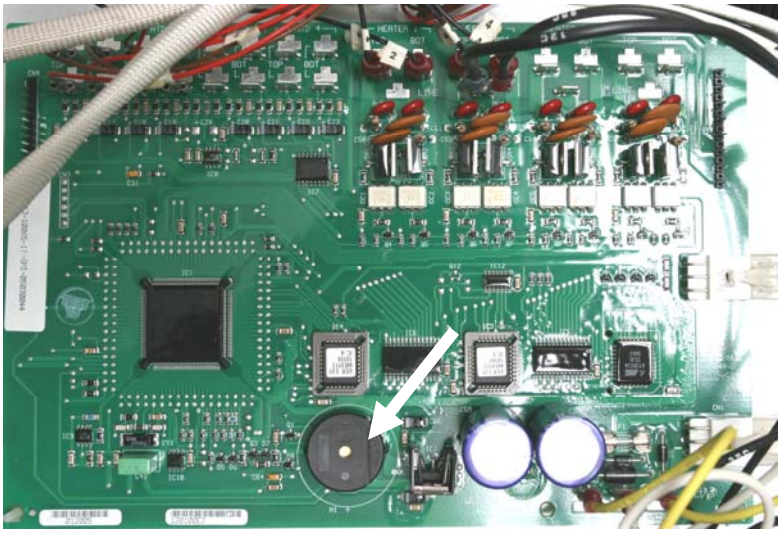

Figure 1: The sound device (see arrow) must be carefully pulled from the board. The sound output of the replacement is reduced if the provided resistor is placed in series with a lead.

NOTE: If the black cap comes off while the rest of the sound device remains on the board, use a small flat-bladed screwdriver to gently pry up the remainder. Be careful not to damage the board.

4. If sound reduction is desired, solder the provided resistor to one of the leads of the sound device. Solder the red wire of the new sound device to the post nearest the "+ "sign. Solder the black wire to the other post. Use a soldering pencil of no more than 40 watts. See figure 2.

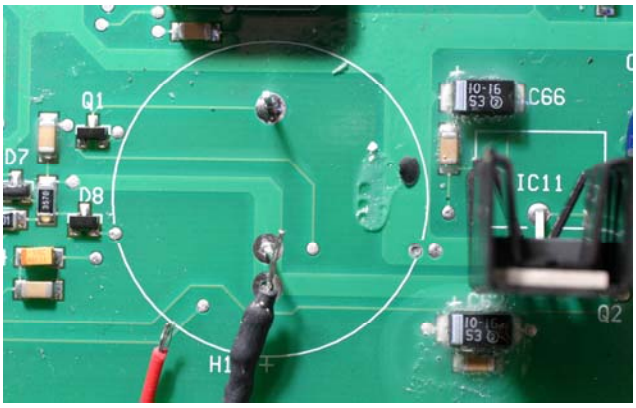

Figure 2: Solder the leads of the new device to the post revealed when the old unit is removed.

5. After soldering the wires, mount the sound device near the control board with double-sided tape.

6. Plug the UHC in and verify operation of the sound device. If the UHC still does not alarm then replace the control board.

7. Replace the UHC top and sides.

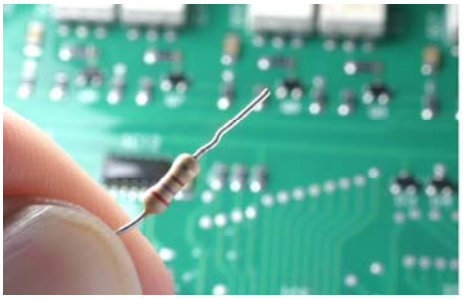

Figure 3: Soldering the provided resistor to one of the leads of the replacement sound device reduces its output to 73 dB's.