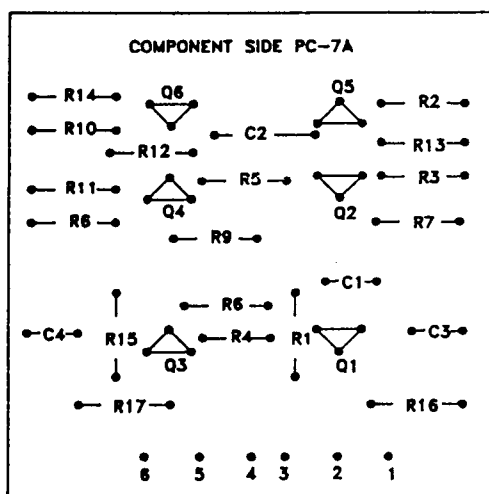


# DH-202 INSTALLATION INSTRUCTIONS

1. ☐ Disconnect AC power from the DH-200 and remove all connecting cables.
2. ☐ Remove 4 screws from the upper portion of the left output module, and all of the 8 screws attaching the right output module (the one near the power switch). Remove the amplifier cover, and tilt the right module outwards for easier access.
3. ☐ Disconnect the pair of twisted wires connected to the right input socket RS. The resistor may be left connected if you wish, but this input will not now be used. Unsolder this twisted pair from eyelets 1 and 2 at the top of the PC-6 output module. The reason these wires will not simply be reconnected to PC-7A is that they may be too heavy a gauge to fit into the eyelets on the new board.
4. ☐ Prepare one each red and green wires of the following lengths: 6-1/2", 10", and 11". Twist them together in pairs of equal lengths.
5. ☐ Select the longest red/green pair and slip it under all of the wires attached to the back panel between the two input sockets. Connect the green wire to the ground lug #1 of the left socket LS. (S-2). Connect the red wire to lug #2. (S-2).
6. ☐ Select the shorter red/green pair and place it between the two fuses FR near the center of the chassis alongside the transformer. Connect the green wire to lug #2, which is closest to the center of the transformer. (S-2). Connect the red wire to lug #4 beside it. (S-2).
7. ☐ Select the two larger screws and nuts, and mount the bracket on the rear fin of the right heat sink between the two transistors, with the bracket bends next to the fins.
8. ☐ With the smaller bolts, fasten the circuit board on the outside of the bracket, with the components toward the rear of the amplifier.
9. ☐ Using the remaining red/green pair, connect one green end to eyelet #2 at the top towards the front of the PC-6 module. (S). Connect the adjacent red wire to eyelet #1. (S). At the other end, connect the green wire to eyelet #4 on the components side of PC-7A. (S). The #1 eyelet is at the top of the PC-7A board. Connect the red wire to eyelet #6. (S).
10. ☐ Select the shorter pair, which is connected to the fuses. Connect the other end of the green wire to PC-7A eyelet #5. (S). Connect the red wire to eyelet #2. (S).
11. ☐ With the remaining pair from the left input socket, connect the green wire to eyelet #3. (S). Connect the red wire to eyelet #1. (S).
12. ☐ Secure the output module to the chassis with 4 screws. You may wish to leave them loose until the cover is installed. With the module in position, place the input pair about 1/2" out from the PC-6 board, straight down to the chassis, across the chassis and underneath PC-7A. The pair from the fuses should likewise be against the chassis, and in general all wires to those fuses should be kept away from the PC-6 circuit board.
13. ☐ Install the cover and the remaining screws.



## PC-7A PARTS LIST

|     |                                |            |
|-----|--------------------------------|------------|
| R1  | 22.1K, 1%, metal film          | RMP/4-2212 |
| R2  | 2.2K, 1/4w, 5% carbon film     | RC/4-222   |
| R3  | 2.2K, 1/4w, 5% carbon film     | RC/4-222   |
| R4  | 47 ohms, 1/4w, 5% carbon film  | RC/4-470   |
| R5  | 47 ohms, 1/4w, 5% carbon film  | RC/4-470   |
| R6  | 8.2K, 1/4w, 5%, carbon film    | RC/4-822   |
| R7  | 8.2K, 1/4w, 5%, carbon film    | RC/4-822   |
| R8  | 47 ohms, 1/4w, 5% carbon film  | RC/4-470   |
| R9  | 47 ohms, 1/4w, 5% carbon film  | RC/4-470   |
| R10 | 2.2K, 1/4w, 5% carbon film     | RC/4-222   |
| R11 | 2.2K, 1/4w, 5% carbon film     | RC/4-222   |
| R12 | 22.1K, 1%, metal film          | RMP/4-2212 |
| R13 | 100 ohms, 1/4w, 5% carbon film | RC/4-101   |
| R14 | 100 ohms, 1/4w, 5% carbon film | RC/4-101   |
| R15 | 47 ohms, 1/4w, 5% carbon film  | RC/4-470   |
| R16 | 3.3K, 1w, 5%, metal film       | RM1-332    |
| R17 | 3.3K, 1w, 5%, metal film       | RM1-332    |
| C1  | 10mF, 16V, non-polarized       | CERNP-106  |
| C2  | 6.8pF, 100V, dipped mica       | CM-068     |
| C3  | 22mF, 25V, electrolytic        | CER-226AA  |
| C4  | 22mF, 25V, electrolytic        | CER-226AA  |
| Q1  | BC550C NPN transistor          | SSH-650    |
| Q2  | BC550C NPN transistor          | SSH-650    |
| Q3  | BC560C PNP transistor          | SSH-651    |
| Q4  | BC560C PNP transistor          | SSH-651    |
| Q5  | MPSA63 PNP transistor          | SSH-695    |
| Q6  | MPSA13 NPN transistor          | SSH-645    |