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# TECHNICAL NOTE

# BACHARACH®

## CA40H Customer Name Programming Procedure

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### INTRODUCTION

This Technical Note describes how to enter a customer name into a CA40H Advanced instrument. This name will be displayed on all printouts.

### TOOLS AND MATERIALS REQUIRED

- Medium Phillips Head Screwdriver
- Serial Diagnostic Cable (P/N 0024-0729)
- Terminal or PC with terminal emulation software (e.g., Procomm® or Windows Terminal®)

### DISASSEMBLY PROCEDURE

1. Turn off the instrument.
2. Remove the four phillips head screws from rear of case.
3. Separate case halves.
4. Locate SW1, the bank of ten switches near the lower right-hand corner of the main circuit board.
5. Place switches 9 and 10 in the 'ON' position (to the right).

### PROGRAMMING PROCEDURE

1. Connect the Serial Diagnostic Cable to an available 25-pin serial port on your PC. You can use a 9-pin port with the appropriate adapter.
2. Activate your terminal program and set it to communicate with the correct COM port. The software should be set to match the settings of the CA40H. The factory default settings are 1200 baud, 8 data bits, 1 stop bit, no parity, and software flow control. For information on setting these parameters, please review the documentation that came with your terminal software.
3. Connect the 8-pin round connector of the Serial Diagnostic Cable to the RS-232 connector on the lower

right-hand corner of the PCB.

4. Press the ON/OFF button on the CA40H. The instrument's display will remain blank and the following menu will be displayed on the PC:
  - <A> COMPANY NAME
  - <B> SYSTEM SETUP (password required)
  - <C> RESTORE FACTORY SENSOR ZEROS (password required)
  - <X> EXIT
5. Select [Caps Lock] on your keyboard and type 'A'.
6. Type the company name as you want it displayed on the printout. Do not exceed twenty characters because the printout is only twenty characters wide. Press [Enter].
7. The terminal will display 'CN' and the company name that you typed. If it is incorrect, repeat steps 5 & 6.
8. Type 'X' to exit the menu. The CA40H will reset and begin its warm-up cycle.
9. Turn the instrument off.
10. SET SWITCH #9 TO THE OFF POSITION.
11. Reassemble the instrument case.
12. Test the company name by storing a test from the Run Screen and printing it to the terminal.

**Note:** If the instrument doesn't start after you've completed this procedure, verify that step 10 was completed.

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