

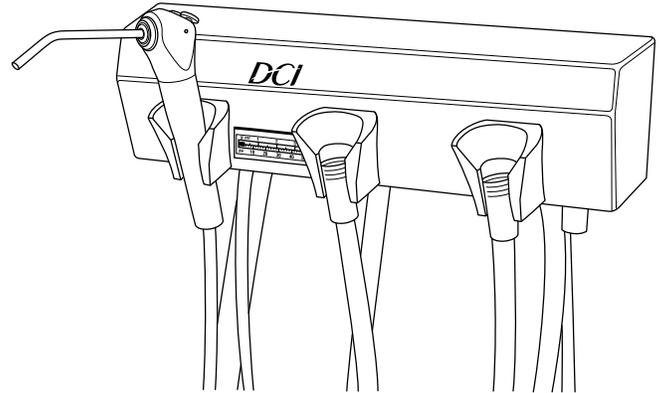
# ALTERNATIVE MANUAL CONTROL FOR TWO HANDPIECES

## Installation Instructions

**APPLICABLE TO UNIT PN'S: 4120, 4121**

**THE FOLLOWING ITEMS ARE CONTAINED IN THIS PACKAGE:**

- One control unit with handpiece tubings and umbilical installed
- One standard foot control
- One air/water syringe
- One syringe repair kit
- One 3/32" ball driver
- One 5/64" ball driver
- One 5/64" hex key

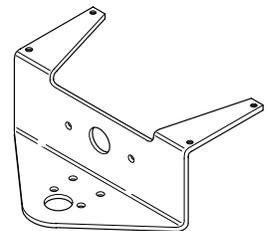


**YOU WILL NEED THE FOLLOWING ADDITIONAL TOOLS TO INSTALL THE UNIT:**

- 1/4" and 1/8" sleeve tool, DCI PN 8060
- Screwdriver or other appropriate hand tool for wall fasteners

### INSTALLATION INSTRUCTIONS

1. Use a 5/64" hex key to remove the front cover of the control unit. There are four screws, one on each side, and two on the bottom.
2. To wall mount, choose a mounting surface that will support the weight of the unit. There are four pre-drilled mounting holes in the back chassis assembly. Using appropriate fasteners, mount the back chassis assembly utilizing the pre-drilled holes.
3. To under counter mount, choose a mounting surface that will support the weight of the unit. Using mounting bracket DCI PN 4274 (not included), mount to underside of counter utilizing the four pre-drilled holes and appropriate fasteners (see Figure 1). Mount the back chassis assembly to the control unit using the appropriate fasteners.
4. Route the 1/2" umbilical into the utility center. Make the tubing connections as follows:
  - 1/8" red to regulated water (40 psi).
  - 1/4" gray to regulated air (80 psi).



**FIGURE 1**

5. Open the manual shut-off valves in the utility center. Adjust regulated air to 80 psi and regulated water to 40 psi. When adjusting for a lower pressure, make the adjustment, and then press the syringe button to relieve the pressure to get an accurate pressure reading.

6. All of the controls are located on the underside of the control unit.

- The handpiece water coolant on/off toggle valve is located in the front left.
- The handpiece water coolant flow control valve is located in the front right.
- The handpiece selector toggle is located center right. The toggle position indicates the active handpiece, left for handpiece #1 and right for handpiece #2.
- Handpiece pressure adjustment screws are located in the rear right, behind the handpiece selector valve. Using the 3/32" ball driver adjust handpiece pressures. The front adjusting screw is for handpiece #2 and the rear adjusting screw is for handpiece #1. Handpiece pressures should be adjusted in accordance with the manufacturer's recommendation.
- Syringe adjusting screws are located to the right of the coolant on/off toggle. The left screw is for water flow and the right screw is for air flow.

