I/O Sequence Module Installation

Inputs & Outputs throughout all steps are identical and simple to hook up. For every input or limit valve signal coming in the module will give a corresponding output in the appropriate sequence. Keep in mind that outputs are designed for piloting and not for direct use with pneumatic actuators or devices. Use output pilots to actuate other Clippard Modular valves such as the R-412, Maximatic MMA valves or other manufacturer's components to power your cylinders and devices.

Ports 5 and 6 are used for adding modules and repeating or resetting the sequence. For the first module, plug port 5 and connect port 6 to the last output in sequence in order to reset.

Step one is typically begun with a momentary pneumatic input signal from a toggle valve, push button, Two-Hand,No-Tie-Down control, or solenoid valve. To auto-cycle or repeat the sequence automatically, you will need to keep the signal on until you wish to stop the auto-cycling.

Expanding / Adding Modules allows you to add steps to your sequence. Simply use jumpers to go from port 5 located on the right-hand side of your module, and connect it to port 6 on the left-hand side of the added module. Repeat this for connecting 4 to 5, and don't forget to connect a supply line as well.

Reset and Continuous Cycles is used when the sequence of operation repeats, such as in automated production equipment. This step is required regardless if you are auto-cycling or manually starting each sequence. Port 5 should be plugged, port 4 should be connected to the supply port, and the last step output should go to port 6 on the first step's module. Plug any unused supply ports and you are ready to go.

Added Functionality is commonly desired and easily achieved with these modules. Since there are countless possibilities for pneumatic control, we ask that you contact Clippard directly for pneumatic logic assistance or for a complete design and assembly.
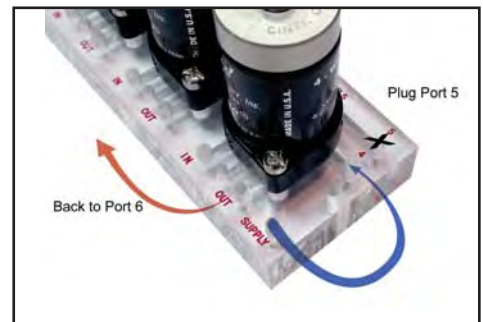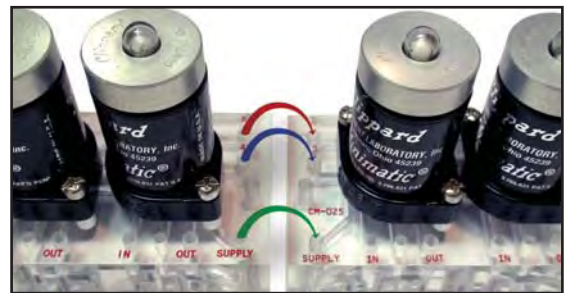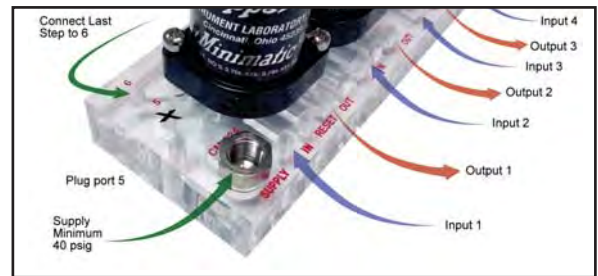
Complete Pneumatic Control Modules

The complete solution:
Not everyone can design pneumatic control circuits like Clippard. Long the leader in pneumatic logic, we are prepared to meet your needs.

If knowledge or time is hard to come by on a pneumatic project, call us for circuit assistance, design, assembly, and testing. Within Clippard's Value-Added department, we have years of experience designing and assembling pneumatic systems for thousands of applications in a variety of markets.

What we need!
Give us your requirements for input and outputs, required response times, flows, and space restrictions. We will propose a fully-assembled control unit that is designed and built just for your needs.