

MX Series II Modules

A Complete Family of Productivity Enhancing Solutions for
Laboratory Automation



CD Includes:

Quick Start Guide • Operating Manual • Solutions Guide • TitanMX™ Software

MX Series II Quick Start Guide

Refer to the Operating Manual on the enclosed CD for more detailed instructions.

Unpack the MX Series II Module and make sure you have all the parts.

Parts included:

- ✓ MX Series II Module
- ✓ Instruction CD
- ✓ Power Supply
- ✓ Power Cord
- ✓ Interface cable
- ✓ USB cable
- ✓ Rubber feet (4)
- ✓ Jumper wires (3) **for multi-position valves only**
- ✓ Fittings **varies by model**

Connect the power supply to the MX Series II Module. Determine if you are going to control the module manually, by connection to another instrument, or by computer using a USB port. See Operating Manual for additional control options.

Manual Control

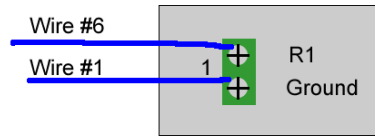
1. Connect the power cord to the power supply and plug into an outlet.
2. Connect tubing and fittings according to your application.*
3. Press the Remote button to switch to local control (LED should be off.)
4. Your MX Series II Module is ready for use. Push the up or down arrows to change valve positions.

*** See the Solutions Guide for assistance with application plumbing.**

Instrument Control

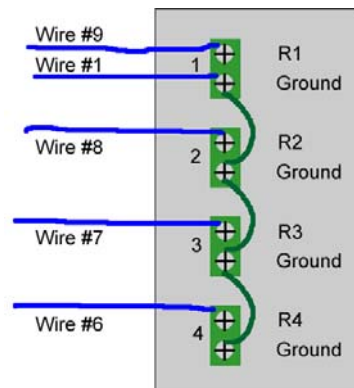
1. Connect the interface cable to the MX Series II Module.
2. For 2 position MX Series II Modules connect wire #6 and wire #1 of the interface cable to the contact closure on your instrument. (Figure 1)

Figure 1. Wiring illustration of a 2 -position MX Series II Module.
Wire colors will vary.



For multi-position MX Series II Modules connect wires #9, #8, #7 and #6 to the contact closures, connect the wire #1 to the ground. Use the included small jumper wires to connect the grounds for the remaining contacts. (Figure 2)

Figure 2. Wiring illustration of a multi-position MX Series II Module.
Wire colors will vary.



3. Connect the power cord to the power supply and plug into an outlet.
4. Connect tubing and fittings according to your application.
5. The display on the MX module should read "1" and the remote LED should be lit.
6. Your MX Series II Module is now ready for use. Refer to the Operating Manual for assistance programming the switching positions.

USB Control with the included Rheodyne TitanMX™ Software

1. Insert the enclosed CD into your computer. Locate the setup.exe file and double click on it. Follow the instructions on the screen. Make sure to check the box to get a desktop icon.
2. Connect the power cord to the power supply and plug into an outlet.
3. When the installation is complete, connect the USB cable to the MX Series II Module and an available USB port on your computer. The remote LED should be lit.
4. Wait for the computer to find new hardware and tell you it is ready to use.
5. Double click on the Rheodyne TitanMX icon to launch the software.
6. **For 2 position valves only-** Click on the configuration tab. In the Set Control Method list box select BCD and click the Set Control Method button. Unplug and replug in the MX Series II Module. Wait 10 seconds and press the Read Control Method button. If it does not return BCD repeat this step.
7. Click the Position Control tab. You may now use the mouse to click the position buttons to change the position of your valve. Note- the valve will not respond to positions unavailable on your model.
8. Connect tubing and fittings according to your application.
9. Your MX Series II Module is now ready for use.
10. For instructions on using the timed events table see the Operating Manual.

