



1. Design the 2-wire path for your system. See Section 1.5 in the SmartWire manual.
2. Mark assigned zone numbers for all valves on your irrigation plan.
3. Use the Auto Adjust Watering Schedule Form or the Standard Watering Schedule Form in the back of the SmartLine manual to note scheduling details for each zone.
4. Turn off the power to the SL1600 controller and install the SLM48DM in the left side module slots.

Note: Remove all standard SLM4 modules and insert the SLM48DM in the left side slots. SLM4 modules cannot be used at the same time as an SLM48DM.

5. Connect the SLM48DM 24V power wire provided to the Hot Post in the controller.
6. If you are using a master valve or pump start relay to the 2-wire path, connect the wire provided from the MV terminal on the SLM48DM to the P/MV terminal on the SL1600 controller.

7. Remove the Green ground wire from the GRND terminal near the transformer in the SL1600 and cap it with a wire nut.
8. Turn on the power to your SL1600. The SLM48DM will perform a "power on self test" at initial power-up. The power-up test will confirm the integrity of the processor and will test the display and all LEDs to make sure they are working. A successful test will terminate with a "double --" in the display.
9. Bring all of your SLDEC valve decoders to the SLM48DM and program them with zone numbers to match the zone locations noted on your irrigation plan. See SmartWire manual section 1.4 for programming instructions.
10. If you are using a master valve, program an SLDEC decoder as zone 99 for use with the master valve.
11. Be sure to use the provided "Sharpie" pen to mark zone numbers on each decoder label at the time the decoder is programmed.
12. Wire the appropriate zone numbered decoder to your valve/s using the zone numbers assigned on your irrigation plan. Always use SLCONN waterproof wire connectors to connect SLDEC decoders to the 2-wire path. Standard waterproof connectors like the WC-14 can be used to connect the valve to the decoder wiring.
13. Install SLGDT lightning arrestors with ground rods. See Section 1.6 of your SmartWire manual. Use SLCONN waterproof connectors.
14. Place SLM48DM in the RUN mode position. If you have a GREEN LED, your wiring is correct and the system is ready to operate. If Faults appear, refer to Section 1.7 of the SLM48DM manual.
15. Using the zone information forms from the SL1600 manual and the SL1600 manual instructions, program the SL1600 for either Auto Adjust or Standard Watering. Programming is identical to programming for a conventional system.
16. Your SmartWire system is ready to operate.