

M2E Wiring and Setup Instructions

The M2E (Mechanical to Electronic) connects to all VR computers and is a converting devise. Signals between an electronic controller (Ruby/Passport/EZ) and the M2E are strictly electronic pump protocol. Signals between the VR computer and the M2E are typical of old-time mechanical pump controllers. The M2E converts mechanical to electronic and back again to seamlessly control any mechanical pump with an electronic pump controller. Currently, the VR computer must transmit money pulses into the M2E. All VR computers are compatible with the M2E, but the appropriate pulser must be used in conjunction the VR computer to facilitate money pulses (100 per dollar).

Making connections to the M2E

L1 – IN Red wire to AC Hot wire from breaker panel.

- | | | | |
|-----|-----------------|--|-----------------------------|
| 1. | +12-16v dc. | White output from TMS-78 power supply. | |
| 2. | - dc com. | Blue output from TMS-78 power supply. | |
| 3. | + Pulse. | Orange to pulser positive. | #2 terminal pos. on TMS-23. |
| 4. | Authorize. | Grey 110 Hot to reset handle switch. | #5 terminal pos. on TMS-23. |
| 5. | - Pulse com. | Brown wire to pulse negative. | #1 terminal pos. on TMS-23. |
| 6. | Fast Valve Neut | Violet wire to fast valve Neut. | #3 terminal pos. on TMS-23. |
| 7. | Not Used | | |
| 8. | MR. | Yellow 110 after reset is complete. | #4 terminal pos. on TMS-23. |
| 9. | Not Used | | |
| 10. | AC Neutral. | White to Breaker Panel Neutral Bar. | |
| 11. | Not Used | | |
| 12. | Not Used | | |

L1 - OUT Red wire to switched AC Hot to pump motor hot, or AC hot of STP relay coil.

