



DANGER Electrocutation Hazard

Disconnect all power sources before servicing or wiring. For continued protection against electric shock ensure the enclosure is properly grounded at the marked chassis ground terminal. Install all electrical equipment and wiring in accordance with national and local electric codes.

DANGER Risque d'électrocution

Débranchez toutes les sources d'alimentation avant l'entretien ou le câblage. Pour une protection continue contre les chocs électriques assurer l'enceinte est correctement reliée à la borne de terre du châssis marquée. Installez tous les équipements électriques et le câblage conformément aux codes électriques nationaux et locaux. Pour une utilisation en intérieur dans des endroits secs seulement (0-80% RH sans condensation.) Remplacer les pièces réparable seulement avec ceux recommandés par Agrowtek Inc.

The MX1 AC motor controller will operate reversible AC gear motors for vent windows, roll-up curtains and similar equipment. The motor may be operated manually by means of the rotary knob on the front of the MX1, or may be operated automatically by 24Vdc input signals from an Agrowtek Inc. GrowControl™ control system, thermostat or other control device.

OUTLET RATINGS: VOLTS: 120 VAC ~ CURRENT: 8A FREQUENCY: 60Hz
RELAY COIL POWER INPUT: VOLTS: 24 VDC == POWER: 1W FREQUENCY: -
INSTRUCTIONS:

KEEP THESE INSTRUCTIONS

Connection to Agrowtek Controller Terminals:

1. Install the mounting flanges to the rear of the MX controller with the included hardware and a #2 Phillips screw driver.
2. Using a step-drill, bore holes in the bottom of the enclosure as required for electrical connections. The MX controller comes with a wall-plug DC power supply, or can be hard-wired to a 24vdc power supply.
3. Connect the line voltage supply from a branch protected circuit.
4. Connect the motor leads to the motor output terminals.
5. If desired, install limit switches to turn off the MX power relays when the motor has reached an open or close limit position. An open limit switch will prevent operation in manual or automatic mode. If limit switches are not used, then a jumper wire must be installed across each limit switch terminal pair.
6. If MX motor controller is to be automated by a GrowControl™ system, wire the input signal terminals to the GrowControl™ controller outputs, or to a wall thermostat as depicted on the following pages.
7. Test the operation with the manual rotary knob and automated outputs to ensure correct directional wiring.

GC-Pro

Shown wired to outputs # 1 & 2.

Wire Size Requirements

Relay Coil Terminals:
Minimum 22 AWG Cu

AC Power Input:
Minimum 14 AWG Cu

24Vdc

Optional Limit Switches (Jumper if not used) See MX1 Wiring Supplement

Open Limit

Close Limit

24Vdc Power Supply

Line Voltage Supply Input

Output to Motor