

Instructions and Set up for the AlarmMinder (AM 2000)

Default settings are Single PH and English

The default setting for the five inputs is preset to instant or delay.

Input 1 monitors Low Power or Loss of Power with a 30 second delay.

Inputs 2 and 3 are **Normally Open (NO)** set to instant.

Input 4 is **Normally Open (NO)** with a 45 second delay.

Input 5 is **Normally Closed (NC)** with a 45 second delay. Remove the jumper between the terminals and wire any **NC** contact.

Mount AlarmMinder to desired position in workroom. DO NOT install the battery until all wiring is complete.

Installation: Connect AC Power per wiring diagram, Connect Siren and **Normally Open (NO)** and **Normally Closed (NC)** contacts to unit using a minimum 18-gauge 2-conductor lampcord. (Figure 1)

Place battery in lower left-hand corner of enclosure. (Do Not Connect)

See (Figure 2) if desired voltage is 2PH or 3PH

If power is out more than 5 hours, the battery must be disconnected to avoid battery damage, Failure to disconnect will void warranty.

Turn on AC Power to AlarmMinder. Screen displays "English: TEST Español: RESET"

For English **Press** "Test Battery" Screen displays "AM2000 Start Up press ARM" **Press** "Arm/Disarm"

Screen displays "Voltage: 1PH TST Delay: 30s RST"

If desired voltage is not 1PH **Press** "Test Battery" to select 2PH or 3PH (Figure 2)

Press "Reset Faults" to change delay to 45 or 90 seconds **Press** "Arm/Disarm" Screen displays "Settings Confirmed"

Screen displays "Input 2 Delay TST:0s ARM: Next" **Press** "Test Battery" to choose delay **Press** "Arm/Disarm"

Repeat the steps for Input 3,4, and 5 after setting Input 5 **Press** "Arm/Disarm"

Screen displays "Connect battery, then press ARM" Being sure to Observe Polarity connect battery **Press** "Arm/Disarm"

Screen displays "AlarmMinder starting up" then Screen displays "Disarmed" **Press** "Arm/Disarm" screen displays "Armed System OK"

AlarmMinder is now successfully Set up and operational!

Please Test the AlarmMinder Thoroughly and Frequently!

The AlarmMinder is only a Management Tool and NOT an Insurance Policy.

It does not replace the attendant or make a poor attendant a good one.

Initial and Weekly Testing

Test Siren: **Hold** "Test Battery" until siren sounds Screen displays "Testing Siren" release "Test Battery"

Test Battery: **(12V 5AH Sealed Lead Acid Battery)** **Press** "Test Battery" Screen displays "Please wait Testing...0:15"

Screen displays "Battery OK!" or "Battery Bad! Replace Battery"

Disconnect AC Power from the AlarmMinder. Screen displays "ACTIVE PROBLEM Input1" after a 30-second delay the siren sounds continuously. **Reconnect** AC power Screen displays "Problem Resolved Input 1" Siren sounds every 8 seconds until AlarmMinder is reset **Press** "Reset Faults" Screen displays "Armed System OK"

If contact trips that is wired to Inputs 2 thru 5 the siren sounds immediately.

The screen displays "ACTIVE PROBLEM Input 2, 3, 4, or 5" until the fault is resolved.

When the fault is corrected the Screen displays "Problem Resolved Input 2,3,4 or 5" and siren sounds every 8 seconds until AlarmMinder is reset.

Press "Reset Faults" Screen displays "Armed System OK"

NOTES:

If the siren is sounding every 8 seconds, an input tripped and has corrected itself. Check the display to identify which input was tripped. Investigate and correct reason input tripped and reset fault.

Options for a different delay on the inputs **Hold** "Reset Faults" and follow steps.

Within 5 minutes of no screen activity the display goes blank, press any button to see the display.

WARNINGS

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN THIS COVER WITHOUT DISCONNECTING POWER.

WHEN THIS UNIT IS USED IN A LIFE SUPPORT VENTILATION SYSTEM WHERE FAILURE COULD RESULT IN LOSS OR INJURY, THE USER SHALL PROVIDE ADEQUATE BACK-UP CONTROL FACILITIES OR ACCEPT THE RISK OF SUCH LOSS OR INJURY.

THIS APPLIANCE IS OFFERED FOR SALE SPECIFICALLY ON THE BUYER'S ACCEPTANCE OF THE ABOVE CONDITIONS AND THE MANUFACTURER'S WARRANTY FOR THIS APPLIANCE.

ACCEPTANCE, RETENTION, INSTALLATION, OR THE OPERATION OF THIS APPLIANCE BY THE BUYER SHALL BE CONSIDERED AS ACKNOWLEDGEMENT AND ACCEPTANCE OF THE ABOVE CONDITIONS.

LIMITED WARRANTY

Pro-Tech 18, Inc. warrants this product to be free from defects in material and workmanship for a period of twelve months from the date of purchase if is used for the purpose for which it is intended.

Pro-Tech 18, Inc. will repair or replace this product if it proves to be defective in material or workmanship.

Pro-Tech 18, Inc. will not cover incidental or consequential damages or damage due to misuse of the product.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

PRO-TECH 18 INC

1256 North Barkley Rd., Statesville, NC 28677

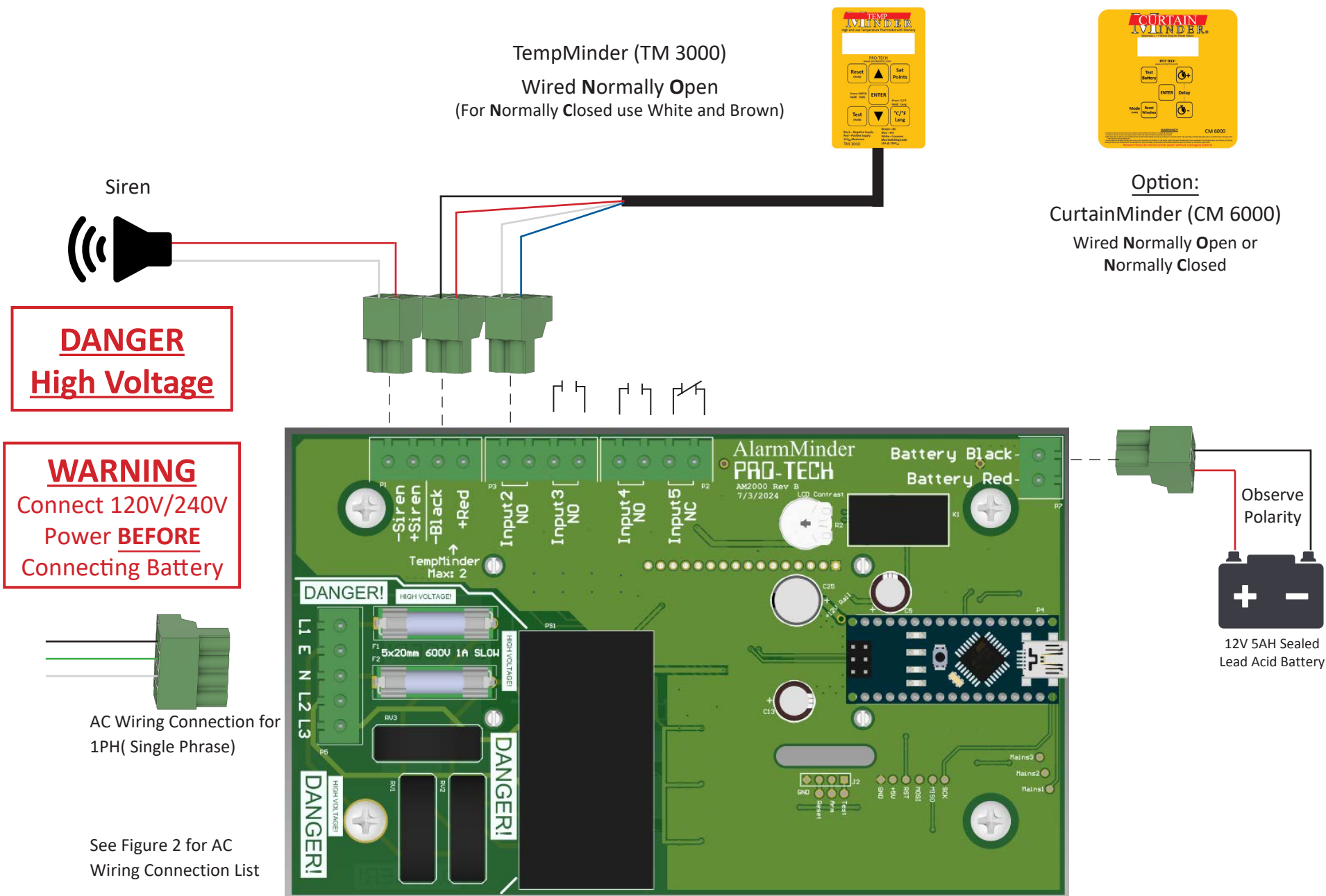
Tel: 704-872-6227 Fax: 980-223-2872

sales@pro-techinc.com

www.pro-techinc.com

Figure 1

AM 2030 AlarmMinder Standard Installation



AlarmMinder Board

Figure 2

AC Wiring Connection

120V-277V 1PH (85V-305V range)	120V/240V or 230V/300V 2PH	120V/208V/480V 3PH WYE or HIGH LEG **	Up to 300V 3PH DELTA	above 300V 3PH DELTA
1PH	2PH	3PH	2PH	n/a
L1	L1	L1	L1	need Step-down Xfmr for each input.
EARTH	EARTH	EARTH	EARTH	
N	N	N	L3*	
-	L2	L2	L2	
-	-	L3	-	

***IMPORTANT: If 3PH DELTA (no Neutral), connect L3 to N and select 2PH in Voltage Select MENU.**

**** High Leg (4-Wire DELTA) - rare wiring configuration, but can be accommodated by the 3PH WYE selection.**