

How to use the TherMinder 2L

The 12 volt model with two lights

This model has a RED light to the left of the display and a GREEN light to the right of the display. The GREEN light is on when everything is on and working properly. If the RED light is on and flashing slow, the LOW temperature set point has been tripped. If the RED light is on and flashing fast, the HIGH temperature set point has been tripped. If one of the set points has tripped the RED light will flash until the TherMinder is reset. If the red light flashes fast three times, then it has been more than 40 hours since it was reset. To reset the TherMinder, press the UP and DOWN arrows at the same time.

HIGH Trip Point

Press and hold the RED button to display the HIGH trip point. To change this trip point, continue to hold down the RED button and move the trip point up or down with the UP and DOWN arrow keys.

LOW Trip Point

Press and hold the BLUE button to display the LOW trip point. To change this trip point, continue to hold down the BLUE button and move the trip point up or down with the UP and DOWN arrow keys.

Testing the Relay

To test the relay you should press and hold the BLUE and RED buttons at the same time. The relay should turn on and trip the alarm or the fan relay that is connected. Release the buttons to turn the relay off and the unit will go back to normal. A dot should come on above "ON" when the relay is energized.

Historical Data

The TherMinder will record the high and low temperatures. Press the DOWN arrow to see how low the temperature has been since the TherMinder was last reset. Press the UP arrow to see how high the temperature has been since it was reset. To reset the TherMinder press the UP and DOWN arrows at the same time.

Fahrenheit & Centigrade

To change the TherMinder from Fahrenheit to Centigrade press all four buttons at the same time. The display will show a F or a C when it is changed from one to the other.

Low Battery

When the battery is low, "LOW BATT" will display in the top left corner of the display. The TherMinder will function for approximately 30 days after "LOW BATT" appears.

How to wire the TherMinder

BROWN = Normally Closed Contact
BLUE = Normally Open Contact
WHITE = Common

BLACK = Ground or Negative Supply
RED = + 12 Volts or Positive Supply