

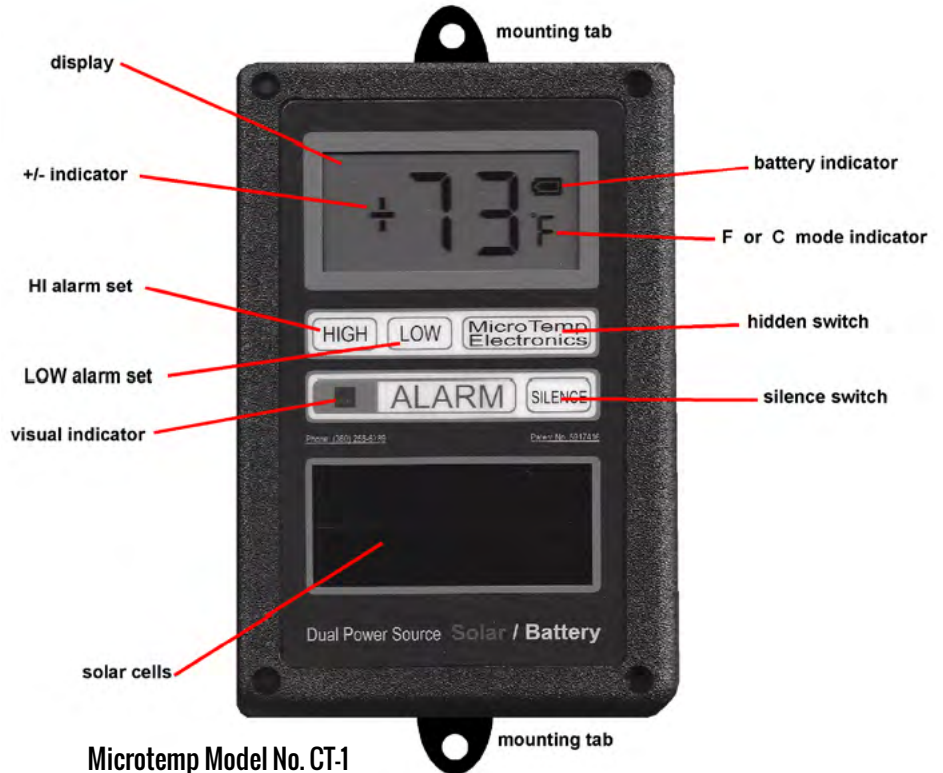
Microtemp Electronics - Solar / Battery Digital Thermometer and Alarm Model CT-1

Installation:

1. Remove the four screws at the corners of the alarm. Separate the plastic box. Make sure batteries are firmly in holder.
2. Mount the back half of the box using the mounting tabs and screws.
3. If the sensor is to penetrate the wall, drill a 3/8" hole completely through the back case and the cooler wall. Leave 6" of slack on the sensor when connecting for future separation of the alarm. Seal the penetration when complete.
4. Proceed to the alarm set up sheet.

Component Start Up:

1. Locate the DIP switches.
2. Place #1 and #2 in the "up" position. This will power up the alarm and activate the 55 minute time delay. By placing the #2 switch in the "off" position, there will be no time delay. The alarm will activate when alarm parameters are met.



Setting Alarm Parameters:

Always set the "LOW" Alarm first

Press and hold the LOW button on the faceplate of the alarm. The LOW setting will appear on the display. While pressing the LOW button press the "up" increment switch on circuit board to reach desired setting. **A conformation beep and two quick flashes will occur any time a setting is changed.**

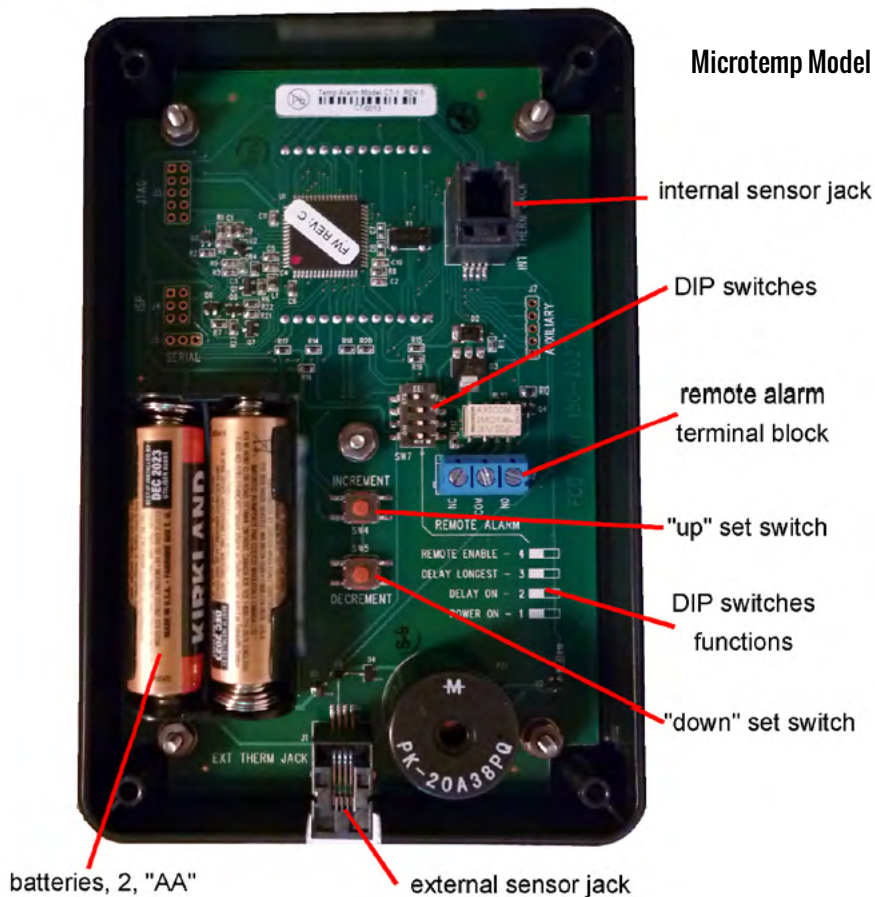
A single press will move the setting up one degree at a time. By pressing and holding the LOW button with the increment switch at the same time will advance the setting quickly. By pressing the LOW button and the "down" decrement switch will cause the LOW setting to drop.

When the alarm is assembled, the HI and LOW settings can be changed from the face plate by using the HI or LOW pads and a hidden switch under the MicroTemp logo. By pressing the HI pad and the hidden switch, the HI alarm setting will advance up to 99, then start over at -40. HI setting can be set anywhere in between. The LO setting can be reset by using the LOW pad and the hidden switch.

WARRANTY:

Good for one year from date of purchase. Covers labor and material only. This unit cannot cause a refrigeration failure and is not liable for product loss. If unit becomes defective, contact manufacturer for replacement or repairs as soon as possible.

To change the system from Fahrenheit to Celsius, press and hold the HIGH and the LOW key pads until two beeps and flashing occurs.



Batteries

When low battery symbol appears in upper right corner of display, batteries must be replaced as soon as possible. Alkaline batteries are supplied with the unit. When used outdoors, batteries must be NiMH to handle current from solar cells.

TIME DELAY:

A time delay is used to prevent false alarms during normal operating temperature occurrences, defrost periods, door openings, restocking etc. By placing the #2 switch of the DIP switch in the "ON" position, the temperature must exceed the alarm settings for 55 minutes before the alarm will activate. Placing the #2 and #3 switches in the "ON" will create a 110 minute time delay.

REMOTE ALARM:

A remote alarm, such as a phone dialer, ADT, Honeywell, or others can be activated when there is an alarm. By placing the #4 switch in the "ON" position, it will activate a dry relay with a NO and NC contact. This relay is deactivated when the SILENCE button on the faceplate is pushed. This relay consumes a large amount of power and should be switched off when not in use.

TO SILENCE ALARM:

When the alarm is activated, a bright red light will flash and loud beeping will sound. To silence the alarm, press and hold the SILENCE button on the faceplate until two beeps are heard. The sound will stop, but the red light will continue to flash until the temperature returns to desired setting.

Contact information for any questions:

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