

# T200 Micro TEMP Alert

The T200 Professional Temperature Monitor is a full featured unit designed for today's diverse applications. With it's many user friendly features and fully field selectable settings, the T200 is an essential addition to any home, cottage, or remote site alarm system application where adverse temperatures are a concern. The large easy to read LCD display, push button on screen programming, and optional use of either the on board or remote sensor makes the T200 the preferred choice.



## Features

- ▶ Includes built-in temperature sensor -20<sup>o</sup> to 45<sup>o</sup>C (-4<sup>o</sup> to 113<sup>o</sup>F)  
*Do not mount console directly in cooler or freezer.*
- ▶ Separate "hi" and "lo" set points
- ▶ Real time clock
- ▶ Records highest and lowest temperature for eight days
- ▶ Programming retained in memory if power is lost
- ▶ Displays in <sup>o</sup>C or <sup>o</sup>F
- ▶ Run temperature probe up to 500' from control console
- ▶ Temperature offset adjustment
- ▶ Defrost cycle timer - adjustable delay, 0 to 99 minutes
- ▶ "HI" or "LO" messages appear in LCD display and the temperature reading flashes during an alarm condition

## Order Information

Order: TAAC-200A (Canada)  
TAAU-200A (U.S.A.)  
10 Pack, Box

## Specifications - Micro TEMP Alert T200

	Internal Sensor	Remote Sensor
Control Unit Display Range (Minimum)	-20 <sup>o</sup> to 45 <sup>o</sup> C (-4 <sup>o</sup> to 113 <sup>o</sup> F)	-40 <sup>o</sup> to 70 <sup>o</sup> C (-40 <sup>o</sup> to 158 <sup>o</sup> F)
Low Limit Adjust Range*	Sensor Dependent to -20 <sup>o</sup> C (-4 <sup>o</sup> F)	-40 <sup>o</sup> C (-40 <sup>o</sup> F)
High Limit Adjust Range*	Sensor Dependent to 45 <sup>o</sup> C (113 <sup>o</sup> F)	70 <sup>o</sup> C (158 <sup>o</sup> F)

\*Time required to reach 93% of the temperature being monitored. Five time constants are required to reach 99% of the full reading.

Recommended Sensor Cable:	18-24 AWG twisted pair (shielded or unshielded)
Minimum Span (Rec. dist. between high & low set pts.):	1 <sup>o</sup> C (2 <sup>o</sup> F)
Temp/Accuracy of Probes:	±1 <sup>o</sup> C (2 <sup>o</sup> F)
Outputs (Not for high voltage use):	2 SPDT relays
Contact Output Rating (Not for direct high voltage switching):	1 AMP @ 30 VDC 1 AMP @ 30 VDC 50-60 Hz
Input Voltage Requirements:	12 - 35VDC
Standby Current:	30 $\mu$ A
Alarm Current:	25 mA
Control Box Material:	ABS
Weight:	8.5 oz.
Dimensions:	4.5" x 3.75" x 0.75"
Mounting:	Surface Mount
Sensor:	2 HTC thermistor temperature sensors
Warranty:	2 Years

