



Temperature Alarm Logger



OVERVIEW

The TAL2 is a dual temperature alarm and data logger that can be used for a wide range of monitoring applications. The alarm function monitors the temperature of one or both probes once every second. If the temperature passes above and/or below a user-defined threshold, the unit generates an alarm by sounding an audible alert and closing a normally open dry contact relay. The relay can be connected to a telephone dialer (part number ADTA). Alarms can be delayed for each probe as long as 4 hours, in 1 minute increments. The unit will also generate an alarm if it detects an open circuit or a short circuit in an active temperature probe. Alarm events are stored in the unit's internal non-volatile memory. The TAL2 stores the starting time and ending time of each alarm event. The unit can store up to 45 different alarm events.

The logger function records the temperature data into internal non-volatile memory. The unit can record temperature as fast as once per second or as slow as once every 18 hours. The recording rate is user selectable. The TAL2 can stop recording when the internal memory becomes full, or rollover for continuous recording. Unlike the alarm events, the actual temperature value is recorded. The unit can store up to 16,125 temperature values for both probes, or 32,250 values when using only one probe.

Additional features of the TAL2 include battery backup, enhanced data security, and real time remote monitoring.

SOFTWARE INSTALLATION INSTRUCTIONS

Insert the CD into the CD-ROM drive. Your computer should automatically access the CD and display an installation screen. Just follow the screen prompts to install the software.

If the installation screen does not automatically appear, from the "Start" menu, click "Run". Type: "D:\setup" (D is the drive letter of your CD-ROM drive) and click "OK".

Note: You have to have Administrator privileges to install this software on Windows 2000 or Windows XP.

To learn how to use your new temperature alarm logger, please reference the User's Guide or the help file, after the installation. You can find both by clicking "Start", then "Programs", then "TAL2pc Interface".

Make sure to read the "TAL2 Operation" and "Selecting The Right Sampling Interval" sections of the User's Guide to understand how the TAL2 operates and how to use it correctly.

Standard Accessories	
14265	(2) 15' Remote Temperature Sensor
13495	Serial Port Cable
14950	AC Power Adapter
Optional Accessories	
LITH9B	9V Lithium Battery
USBS	USB to Serial Interface
SW25	25' Temperature Probe Extension Wire
SW50	50' Temperature Probe Extension Wire
SW75	75' Temperature Probe Extension Wire
SW100	100' Temperature Probe Extension Wire

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